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 temperature 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 temperatures 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, DECEMBER, 1913.

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	47.9	+ 1.6	Evergreen	84	1	Hamilton	15	9	3.37	− 1.32	Pushmataha	5.76	Ozark	1.05
Arizona	42.8	− 2.0	San Simon	80	16	Flagstaff (1)	−17	22	0.90	− 0.16	Chiarson's Mill	2.65	5 stations	0.00
Arkansas	43.6	+ 1.2	Portland	77	1	Pond	14	26	3.26	− 0.26	Swain	5.89	Wynne	1.63
California	44.8	− 1.9	Auburn	85	6	Tamarack	−10	4	7.04	+ 3.01	Helen Mine	34.52	4 stations	0.00
Colorado	19.3	− 5.7	Fruita	61	12	Fraser	−36	22	2.70	+ 1.94	Frances	7.08	Delta	0.36
Florida	61.1	+ 2.2	9 stations	85	1†	2 stations	23	9†	3.34	+ 0.67	Gainesville	6.70	Key West	0.29
Georgia	48.6	+ 1.7	Valdosta	85	1	Mineral Bluff	12	9	3.33	− 0.84	Clayton	7.11	Hawkinsville	1.18
Hawaii [for November].	70.4	.....	Mahukona	93	3†	Humuula	42	13	13.51	.....	Honomu	48.62	Puuwaawaa	0.40
Idaho	24.9	− 1.8	Garnet	56	11	Pierson	−21	17†	1.65	− 0.36	Sheep Hill	5.59	Vernon	0.17
Illinois	36.7	+ 6.2	Cobden	74	1	2 stations	9	21†	1.06	− 1.09	Metropolis	2.97	Antioch	T.
Indiana	36.7	+ 5.6	Cambridge City	69	1	Berne	1	27	1.07	− 1.79	Vincennes	2.50	Whiting	0.27
Iowa	32.0	+ 8.4	Leon	65	2	Bedford	−13	21	1.04	− 0.15	Clarinda	4.73	2 stations	0.00
Kansas	34.4	+ 2.5	Quenemo	69	1	Rome	− 2	26	3.56	+ 2.70	Oberlin	5.49	Ulysses	1.24
Kentucky	39.4	+ 3.1	2 stations	70	1†	Alpha	11	9	2.67	− 1.24	Middlesboro	4.11	Louisville	1.21
Louisiana	51.5	− 0.2	2 stations	90	1	Grand Cane	15	26	3.20	− 1.41	Burrwood	7.61	Reserve	1.30
Maryland and Delaware.	39.0	+ 4.4	Frostburg	72	7	2 stations	− 1	28	2.43	− 0.89	Milford	3.36	Solomons	1.43
Michigan	31.9	+ 7.2	Eloise	66	2	Charlotte	−13	27	0.68	− 1.45	Clinton	1.75	Ontonagan	T.
Minnesota	26.1	+10.8	Long Prairie	67	11	Roseau	−20	25	0.05	− 0.79	Winton	0.42	9 stations	0.00
Mississippi	48.1	+ 0.4	Leakesville	81	1	Moorhead	18	9	3.35	− 1.59	Water Valley	8.70	Grenada	1.10
Missouri	38.3	+ 4.9	Sublett	74	2	Tarkio	− 3	27	2.27	+ 0.19	Hollister	3.70	Vandalia	1.00
Montana	25.4	+ 1.5	Chester	72	10	Bowen	−29	24	0.20	− 0.68	Trout Creek	2.08	6 stations	0.00
Nebraska	28.6	+ 2.3	Santee	65	11	Broken Bow	−12	20	3.16	+ 2.41	Fort Robinson	7.39	Butte	0.22
Nevada	28.7	− 1.9	Logan	69	8	Tecoma	−22	28†	1.53	+ 0.45	Marlette Lake	10.29	Jean	0.00
New England	31.3	+ 4.5	Bar Harbor, Me.	62	5	Van Buren, Me.	−23	29	3.24	− 0.07	Kingston, R. I.	5.64	Bethlehem, N. H.	1.86
New Jersey	37.7	+ 4.6	2 stations	63	3†	Layton	−11	28	3.03	− 0.81	Newark	13.84	Vineland	1.47
New Mexico	29.5	− 4.1	Deming	70	3†	3 stations	−22	20†	1.57	+ 0.71	Tajique (near)	4.40	Lakewood (near)	0.15
New York	48.0	+ 2.4	Liberty	64	2	2 stations	−15	27†	2.34	− 0.78	Mount Hope	5.28	Otto	0.58
North Carolina	44.2	+ 2.4	Willard	78	6	Banners Elk	6	9	3.89	+ 0.22	Mount Holly	8.74	Hot Springs	1.61
North Dakota	22.7	+ 9.8	Minot	61	11	Hannah	−21	25	0.07	− 0.44	Ashley	0.67	9 stations	0.00
Ohio	34.5	+ 3.7	5 stations	64	1†	Millport	− 3	28	1.68	− 1.16	Portsmouth	3.61	2 stations	0.35
Oklahoma	39.4	+ 0.4	Heavener	70	3	2 statons	− 1	23	4.27	+ 3.20	Meeker	8.29	Hurley	0.69
Oregon	34.7	− 1.5	Brookings (3)	65	9†	Imperial	− 7	27	3.03	− 2.51	Happy Home	15.72	Gurdane	0.08
Pennsylvania	34.2	+ 3.7	Uniontown	66	23	Lawrenceville	− 7	28	2.63	− 0.55	Somerset	4.11	California	0.69
Porto Rico	73.4	− 1.0	Juncos	92	24	Cayey	50	1	2.63	− 2.73	Rio Grande	12.12	Destino	0.00
South Carolina	47.8	+ 1.5	3 stations	77	6†	Bowman	16	10	4.25	+ 0.89	Anderson	6.80	Broxton	1.79
South Dakota	27.2	+ 6.5	2 stations	69	11†	2 stations	−17	25	0.36	− 0.36	Rosebud	1.26	Mitchell	T.
Tennessee	42.0	+ 2.3	3 stations	72	2†	Erasmus	6	8	2.68	− 1.78	Decatur	5.51	Sparta	0.55
Texas	47.7	− 2.5	Brighton	91	2	Plemons	− 4	23	5.03	+ 3.06	San Marcos	17.10	Grand Falls	T.
Utah	24.2	− 2.3	Emery	61	1†	Manila	−28	22	1.15	+ 0.29	Farmington	3.70	Pineview	0.04
Virginia	40.7	+ 3.6	Charlottesville	72	6	Burke's Garden	− 3	27	2.53	− 0.66	Radford	5.04	Hot Springs	0.46
Washington	34.0	− 0.1	Snohomish	63	12	2 stations	0	20	2.23	− 2.57	Quiniault	11.56	Sullivan Lake	0.19
West Virginia	36.4	+ 2.7	2 stations	68	5†	Bayard	3	28	2.82	− 0.41	Cairo	3.81	Union	1.10
Wisconsin	29.7	+ 9.5	Oconto	63	5	Long Lake	− 8	26	0.24	− 1.21	Muscoda	0.79	Antigo	T.
Wyoming	17.7	− 3.6	Eaton's Ranch	61	9	Snake River, Y. N. P.	−36	29	0.92	+ 0.52	Wheatland	4.05	2 stations	T.

† Other dates also.

TABLE I.—*Climatological data for United States Weather Bureau stations, December, 1913.*

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.							**33.9**	**+ 4.6**										**74**	**3.15**	**− 0.3**										**6.2**		
Eastport	76	67	85	29.83	29.92	− .06	29.6	+ 4.3	52	8	36	7	31	23	29	27	23	77	3.14	− 0.8	16	7,963	w.	44	e.	24	6	11	14	6.6	7.5	0.3
Greenville	1,070	6	....	28.73	29.94	.....	22.2	.....	45	14	30	− 6	28	15	29	....	....	....	4.10	.....	9	....	....	....	....	....	....	....	....	....	....	29.5	20.0
Portland, Me.	103	82	117	29.84	29.97	− .03	31.9	+ 4.8	52	14	39	13	29	25	28	27	21	67	4.29	+ 0.6	10	7,585	n.	42	nw.	8	12	4	15	5.7	7.3	3.9
Concord	298	70	79	29.65	29.93	− .06	29.3	+ 2.9	53	14	38	− 1	29	21	32	....	....	....	2.08	− 1.3	7	4,083	nw.	33	nw.	8	8	7	16	6.5	12.2	8.0
Burlington	404	11	48	29.54	30.00	− .05	27.0	+ 4.5	45	17	35	− 5	28	20	27	....	....	....	1.61	− 0.1	11	9,320	s.	37	s.	10	4	8	19	7.7	14.9	8.6
Northfield	876	12	60	29.02	30.01	− .04	24.6	+ 4.1	49	14	34	−16	28	15	34	22	20	87	2.41	− 0.3	12	5,330	n.	30	nw.	8	6	7	18	7.1	24.4	14.0
Boston	125	115	183	29.83	29.97	− .03	37.8	+ 6.2	56	7	45	18	19	31	28	33	27	69	3.0	− 0.4	6	8,233	w.	40	w.	8	10	9	12	5.5	0.9	....
Nantucket	12	14	90	29.95	29.98	− .09	39.3	+ 2.6	58	7	45	22	19	34	22	36	33	80	3.21	− 0.4	9	11,265	nw.	55	sw.	8	9	8	14	6.3	T.	....
Block Island	26	11	46	29.95	29.98	− .03	39.8	+ 3.2	58	7	45	22	12	34	26	36	32	74	3.50	− 0.3	9	15,465	nw.	62	w.	8	11	5	15	6.3	T.	....
Narragansett	....	9	....	.....	.....	.....	37.4	+ 4.9	57	7	45	16	12	29	27	....	....	....	4.52	.....	9	....	w.	....	....	....	15	6	10	....	T.	....
Providence	160	215	25	29.81	29.99	− .07	37.2	+ 5.6	56	7	44	18	28	30	29	33	28	72	3.46	− 0.4	7	8,821	nw.	64	w.	8	13	6	12	5.2	0.2	....
Hartford	159	122	140	29.82	30.00	− .07	35.6	+ 5.8	55	7	43	12	28	28	28	31	26	72	3.59	0.0	7	5,492	nw.	35	nw.	8	9	11	11	6.1	1.5	T.
New Haven	106	117	155	29.88	30.01	− .06	37.6	+ 5.8	56	14	45	17	28	30	26	32	26	67	4.28	+ 0.6	8	7,240	nw.	41	n.	26	12	9	10	5.0	0.2	....
Middle Atlantic States.							**38.6**	**+ 3.7**										**74**	**2.26**	**− 0.9**										**5.8**		
Albany	97	102	115	29.92	30.02	− .06	28.6	+ 1.1	55	14	39	3	29	25	24	29	25	79	1.60	− 1.0	9	5,559	s.	29	nw.	7	5	11	15	6.5	7.8	4.1
Binghamton	871	10	69	29.09	30.04	− .05	31.6	+ 3.9	52	7	39	2	29	24	32	....	....	....	1.63	− 0.8	7	4,030	nw.	28	nw.	8	4	6	21	7.6	8.1	3.7
New York	314	414	454	29.67	30.02	− .07	38.8	+ 4.4	58	3	46	19	28	32	27	33	27	66	2.40	− 1.0	8	13,910	nw.	85	nw.	8	11	9	11	5.8	0.3	....
Harrisburg	374	94	104	29.67	30.09	− .03	38.0	+ 5.2	58	13	44	18	28	32	28	33	27	68	2.74	+ 0.1	6	5,106	w.	30	nw.	8	9	7	15	6.2	2.5	T.
Philadelphia	117	123	184	29.93	30.06	− .05	40.3	+ 4.6	58	13	47	23	28	34	23	36	31	71	2.56	− 0.5	8	7,840	nw.	37	ne.	25	8	13	10	5.4	T.	....
Reading	325	81	98	29.70	30.06	.....	37.8	.....	56	13	44	16	28	31	28	34	29	72	3.44	.....	7	5,493	nw.	39	nw.	7	4	10	17	6.6	1.3	T.
Scranton	805	111	119	29.17	30.05	− .05	34.7	+ 4.9	52	13	42	7	28	28	35	32	29	84	2.16	− 0.4	5	5,409	s.	33	sw.	8	5	9	17	6.9	4.3	1.0
Atlantic City	52	37	48	29.99	30.05	− .05	40.2	+ 3.8	58	3	47	20	12	33	30	36	31	73	2.73	− 1.0	5	5,782	nw.	29	ne.	26	14	4	13	5.1	T.	....
Cape May	17	13	49	30.05	30.07	− .04	41.4	+ 3.4	58	13	48	22	28	35	23	38	35	82	2.55	− 1.2	8	7,158	nw.	44	ne.	25	9	12	10	5.3	T.	....
Trenton	190	159	183	29.82	30.03	.....	38.3	.....	57	3	45	19	28	31	28	34	30	77	2.44	.....	7	8,969	nw.	54	w.	8	13	8	10	5.1	0.5	....
Baltimore	123	100	113	29.95	30.08	− .05	41.4	+ 4.5	63	5	48	25	8	35	29	36	30	66	2.58	− 0.5	5	4,976	nw.	33	sw.	8	9	8	14	5.8	T.	....
Washington	112	62	85	29.95	30.08	− .05	40.4	+ 4.3	66	13	48	24	28	33	33	35	30	70	2.29	− 0.9	6	5,319	nw.	40	nw.	8	9	9	13	5.7	T.	....
Lynchburg	681	83	83	29.34	30.10	− .04	43.5	+ 5.2	70	5	53	23	8	34	34	36	32	71	2.56	− 0.7	6	5,039	w.	42	ne.	25	12	9	10	5.2	....	....
Mount Weather	1,725	10	75	28.18	30.06	− .07	35.9	+ 4.4	58	5	42	17	8	30	25	32	26	73	1.73	− 1.4	5	15,599	nw.	84	nw.	8	8	10	13	6.0	0.5	T.
Norfolk	91	170	205	29.99	30.09	− .04	45.5	+ 2.5	68	5	52	27	12	39	28	40	35	72	1.68	− 1.8	8	9,371	n.	58	nw.	8	13	3	15	5.3	....	....
Richmond	144	11	52	29.94	30.10	− .04	42.2	+ 1.2	68	5	51	23	9	33	35	37	32	76	2.17	− 0.8	7	4,984	ne.	37	w.	8	14	4	13	4.9	T.	....
Wytheville	2,293	40	47	27.69	30.14	− .01	37.2	+ 1.9	63	6	47	10	27	28	32	32	28	79	2.58	− 1.2	6	4,034	w.	34	nw.	8	14	5	12	4.7	5.6	2.0
South Atlantic States.							**49.0**	**+ 1.9**										**78**	**3.12**	**− 0.5**										**5.6**		
Asheville	2,255	70	84	27.73	30.16	.00	40.4	+ 2.6	68	6	50	16	10	31	34	35	31	77	2.52	− 1.5	10	5,765	nw.	39	e.	25	14	8	9	4.8	T.	....
Charlotte	773	68	76	29.26	30.12	− .04	44.6	+ 1.7	67	5	52	23	9	37	26	39	35	75	4.57	+ 0.7	9	4,734	ne.	28	ne.	25	10	10	11	5.6	T.	....
Hatteras	11	12	50	30.06	30.07	− .06	49.8	+ 1.0	67	25	55	33	28	44	19	46	43	83	2.94	− 2.2	9	11,081	n.	51	w.	25	14	7	10	4.9	....	....
Manteo	12	12	46	.....	.....	.....	48.8	.....	72	7	58	23	10	39	....	....	....	....	2.14	− 3.0	6	.....	ne.	....	....	....	16	7	8	....	....	....
Raleigh	376	103	110	29.69	30.11	− .04	45.0	+ 2.3	68	5	53	25	9	37	29	39	33	71	3.80	+ 0.6	10	5,788	ne.	35	sw.	26	13	7	11	5.0	T.	....
Wilmington	78	81	91	30.02	30.11	− .03	49.6	+ 2.4	72	6	58	27	9	41	30	43	39	76	3.63	+ 0.5	11	5,313	w.	30	w.	26	11	9	11	5.2	....	....
Charleston	48	11	92	30.05	30.10	− .05	52.0	+ 0.7	72	6	59	31	9	45	23	47	44	80	2.59	− 0.6	10	7,263	n.	34	w.	25	7	9	15	6.1	....	....
Columbia, S. C.	351	41	57	29.73	30.13	− .03	48.2	+ 1.0	70	5	56	24	10	40	32	42	37	72	2.93	0.0	11	4,712	ne.	34	w.	25	9	8	14	5.7	T.	....
Augusta	180	89	97	29.92	30.12	− .04	48.9	+ 1.9	69	5	57	25	10	40	35	44	41	83	2.36	− 1.1	12	4,035	nw.	32	w.	7	5	6	20	7.1	....	....
Savannah	65	150	194	30.04	30.10	− .05	53.4	+ 2.1	74	6	61	30	9	46	25	48	45	80	2.37	− 0.7	10	7,759	n.	54	sw.	25	7	6	18	6.8	....	....
Jacksonville	43	96	129	30.05	30.10	− .04	58.2	+ 3.0	79	1	66	32	9	51	26	53	50	83	4.49	+ 1.5	11	5,902	ne.	48	w.	25	10	12	9	5.3	....	....
Florida Peninsula.							**66.1**	**+ 1.2**										**82**	**1.60**	**− 0.4**										**5.6**		
Key West	22	10	64	30.03	30.05	− .03	71.2	+ 1.1	82	7	76	58	27	66	16	66	64	82	0.29	− 1.6	7	6,680	ne.	46	w.	25	9	18	4	4.5	....	....
Miami	25	37	72	30.05	30.08	.....	67.9	− 0.1	80	30	76	47	27	60	23	63	61	82	0.32	− 1.9	4	5,082	nw.	22	s.	25	3	16	12	6.3	....	....
Sand Key	23	39	72	30.01	30.04	− .04	71.2	.....	77	7	74	62	27	69	10	67	64	77	1.58	.....	6	10,121	ne.	42	nw.	25	4	24	3	5.1	....	....
Tampa	35	79	96	30.05	30.09	− .03	62.4	+ 2.9	82	1	70	38	9	54	26	57	55	85	4.20	+ 2.2	9	4,948	ne.	38	sw.	25	9	11	11	6.1	....	....
Titusville	44	6	....	30.03	30.08	.....	62.8	+ 1.1	82	23	71	38	11	54	28	....	....	....	3.42	.....	12	.....	nw.	....	....	....	10	9	12	5.8	....	....
East Gulf States.							**50.2**	**+ 1.1**										**80**	**2.76**	**− 1.8**										**6.8**		
Atlanta	1,174	190	216	28.86	30.12	− .04	45.9	+ 1.3	65	17	52	23	9	40	23	41	37	75	3.95	− 0.6	13	7,580	w.	46	w.	8	6	3	22	7.4	T.	....
Macon	370	78	87	29.71	30.12	− .04	48.4	+ 1.6	68	5	57	22	10	40	36	44	41	81	2.08	− 2.3	12	4,017	n.	25	nw.	7	7	6	18	6.9	....	....
Thomasville	273	8	57	29.80	30.10	− .05	54.0	+ 1.5	83	1	64	26	10	44	34	48	46	84	2.51	− 1.2	10	3,711	n.	30	sw.	25	7	8	16	6.8	....	....
Pensacola	56	140	182	30.05	30.11	− .04	54.8	+ 0.9	76	1	62	33	9	48	24	50	47	80	2.22	− 2.0	8	8,510	ne.	43	w.	24	4	11	16	7.0	....	....
Anniston	740	9	57	29.34	30.15	− .01	45.8	+ 1.6	66	17	55	23	10	37	31	....	....	....	3.12	− 1.4	13	3,869	se.	25	nw.	8	6	11	14	6.4	T.	....
Birmingham	700	11	48	29.37	30.16	.00	47.2	− 0.1	69	1	54	23	9	40	28	42	38	78	2.99	− 1.6	10	4,421	n.	30	s.	25	7	9	15	6.3	T.	....
Mobile	57	125	161	30.05	30.11	− .04	53.8	+ 2.3	78	1	61	32	9	46	26	49	46	80	2.55	− 2.0	8	6,403	nw.	34	n.	24	5	12	14	6.2	....	....
Montgomery	223	100	112	29.89	30.14	− .02	50.2	+ 1.1	75	1	58	28	9	42	31	46	42	78	3.17	− 1.3	13	4,430	ne.	27	w.	25	6	12	13	6.5	....	....
Meridian	375	85	93	29.73	30.14	− .02	47.7	+ 0.8	73	1	56	27	9	40	31	44	41	84	3.80	− 1.4	8	3,353	ne.	24	w.	25	4	6	21	7.8	T.	....
Vicksburg	247	62	74	29.88	30.17	+ .02	49.9	+ 0.5	75	2	57	30	9	43	26	44	40	75	2.21	− 2.8	9	4,329	nw.	26	nw.	25	7	7	17	6.0	....	....
New Orleans	51	90	121	30.06	30.12	− .01	55.0	+ 0.6	74	1	61	36	9	49	22	50	47	82	1.78	− 2.7	7	5,793	e.	30	ne.	24	7	6	18	6.6	....	....
West Gulf States.							**48.7**	**− 0.4**										**80**	**5.74**	**+ 2.3**										**6.6**		
Shreveport	249	77	93	29.88	30.16	+ .03	47.8	− 1.1	72	2	54	28	26	41	24	44	41	82	4.28	− 0.1	12	4,631	e.	26	nw.	25	6	9	16	6.7	....	....
Bentonville	1,303	11	44	28.74	30.14	+ .01	39.0	+ 1.5	59	1	45	17	27	33	29	....	....	....	3.44	+ 0.7	14	3,259	e.	20	nw.	7	6	6	19	7.9	6.4	T.
Fort Smith	457	79	94	29.66	30.15	+ .02	42.4	+ 0.7	65	1	48	25	26	37	23	39	36	80	4.79	+ 1.9	13	5,212	e.	31	w.	20	6	3	22	7.6	5.4	....
Little Rock	357	139	147	29.78	30.16	+ .02	44.8	+ 1.3	68	1	50	27	27	39	22	41	37	79	2.96	− 1.3	12	5,290	e.	29	nw.	7	7	5	19	7.0	1.5	....
Brownsville	57	3	40	.....	.....	.....	61.4	.....	84	3	70	34	26	53	36	....	....	....	1.17	.....	7	.....	n.	....	....	....	....	....	....	....	....	....
Corpus Christi	20	69	77	30.00	30.11	− .01	58.1	+ 1.5	77	2	63	41	29	53	26	53	50	80	1.34	0.0	7	8,386	n.	40	se.	4	4	11	16	6.9	....	....
Fort Worth	670	103	114	29.41	30.14	+ .02	45.6	− 1.9	68	2	52	26	26	39	22	42	39	80	5.42	+ 4.2	11	6,333	nw.	39	se.	4	5	11	15	6.3	T.	....
Galveston	54	106	114	30.07	30.13	+ .01	55.6	− 0.7	72	2	60	38	28	51	20	52	50	82	2.11	− 1.6	7	9,114	n.	40	se.	24	10	9	12	5.6	....	....
Houston	138	111	121	29.97	30.12	.....	53.4	− 1.1	76	2	60	32	26	47	22	....	....	....	6.22	.....	9	5,862	nw.	24	se.	3	7	10	14	6.5	....	....
Palestine	510	64	72	29.59	30.14	+ .02	47.8	− 1.6	71	1	54	28	26	42	25	44	40	82	10.88	+ 7.2	10	4,406	nw.	24	w.	6	6	10	15	6.7	....	....
San Antonio	701	80	91	29.39	30.13	+ .02	52.4	− 0.7	78	2	60	32	26	45	24	47	44	79	4.47	+ 2.9	10	4,439	ne.	28	nw.	24	12	4	15	5.9	....	....
Taylor	583	55	63	29.53	30.15	+ .04	48.8	− 1.8	76	2	55	28	30	42	23	....	....	....	11.74	+ 9.1	11	5,447	n.	31	nw.	24	8	11	12	5.8	....	....

TABLE I.—*Climatological data for United States Weather Bureau stations, December, 1913*—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.						
Ohio Valley and Tennessee.							39.1	+ 2.3										82	2.08	− 1.3										6.7		
Chattanooga	762	189	213	29.33	30.16	.00	44.2	+ 1.6	65	1	52	23	8	37	28	40	35	76	3.43	− 0.9	13	4,918	ne.	37	nw.	7	7	13	11	5.8	0.2	....
Knoxville	996	93	100	29.03	30.14	− .02	42.7	+ 3.0	63	2	51	21	8	34	22	38	35	79	3.59	− 0.6	11	3,110	ne.	25	w.	7	9	10	12	5.6	T.	....
Memphis	399	76	97	29.75	30.19	+ .04	45.0	+ 1.5	68	2	51	28	8	39	21	42	39	84	1.69	− 2.7	9	5,157	ne.	36	nw.	25	9	5	17	6.6	3.5	....
Nashville	543	168	191	29.58	30.18	+ .03	42.6	+ 1.5	67	1	50	21	9	35	28	38	35	78	2.45	− 1.4	11	5,341	ne.	40	nw.	7	10	3	18	6.1	T.	T.
Lexington	989	75	102	29.03	30.17	+ .03	38.0	+ 1.6	60	2	44	16	8	32	32	....	....	....	2.74	− 0.6	6	6,459	w.	41	nw.	7	6	6	19	7.2	4.2	1.0
Louisville	525	219	255	29.59	30.18	+ .04	39.8	+ 1.7	61	3	43	19	8	34	29	36	32	77	1.21	− 2.5	8	6,656	sw.	42	w.	7	8	7	16	6.7	0.2	....
Evansville	431	72	82	29.69	30.17	+ .04	40.4	+ 4.0	63	1	43	22	8	35	27	37	34	82	1.62	− 2.2	7	4,175	ne.	24	nw.	7	8	7	16	6.6	2.8	T.
Indianapolis	822	154	164	29.25	30.16	+ .04	37.2	+ 4.6	58	2	42	16	8	32	30	34	31	81	0.49	− 2.6	7	6,119	sw.	33	e.	6	6	6	19	7.2	0.4	....
Terre Haute	575	96	123	29.52	30.16	....	37.8	....	61	1	44	18	8	32	30	35	33	86	0.57	....	6	5,744	sw.	39	e.	6	7	4	20	7.1	0.1	....
Cincinnati	628	152	160	29.43	30.17	+ .03	39.1	+ 2.7	60	2	43	17	8	32	34	37	34	84	1.28	− 1.6	7	4,664	w.	26	w.	7	5	9	17	7.0	0.5	T.
Columbus	824	173	222	29.24	30.14	+ .02	35.5	+ 2.7	59	2	42	17	28	29	29	33	30	81	1.13	− 1.6	7	7,434	sw.	47	w.	8	7	5	19	6.9	0.5	....
Dayton	899	181	216	29.15	30.14	....	36.2	+ 3.1	60	2	42	14	8	30	34	34	32	86	0.72	− 1.9	8	7,033	sw.	41	w.	7	7	6	18	6.8	0.7	0.1
Pittsburgh	842	353	410	29.19	30.12	+ .01	35.8	+ 1.1	54	2	41	16	28	30	32	33	30	79	2.60	− 0.1	9	8,216	w.	47	nw.	7	4	6	21	7.6	11.3	3.0
Elkins	1,940	41	50	28.02	30.16	+ .04	34.3	+ 1.8	60	6	44	12	28	25	38	31	28	84	3.45	0.0	11	2,603	w.	26	sw.	7	8	6	17	6.5	4.8	1.2
Parkersburg	638	77	84	29.49	30.16	+ .02	36.1	+ 0.9	56	3	44	10	9	29	31	33	31	84	2.75	0.0	9	3,793	nw.	36	nw.	7	9	1	21	6.9	1.1	T.
Lower Lake Region.							33.5	+ 4.3										80	1.57	− 1.3										7.4		
Buffalo	767	247	280	29.20	30.05	− .01	33.6	+ 3.5	51	1	39	10	27	28	27	32	29	83	1.37	− 2.0	8	15,260	sw.	58	sw.	12	4	9	18	7.5	8.4	1.7
Canton	448	10	61	29.52	30.01	....	27.0	+ 4.3	52	7	34	− 6	27	20	31	....	....	....	2.38	− 1.2	14	7,853	sw.	40	e.	28	6	6	19	7.3	18.4	6.5
Oswego	335	70	91	29.65	30.03	− .03	32.8	+ 3.6	55	7	39	9	27	27	28	31	28	82	1.88	− 1.7	11	9,224	s.	43	ne.	26	2	7	22	8.1	7.8	4.0
Rochester	523	83	102	29.47	30.06	.09	33.0	+ 4.1	53	7	39	6	27	27	30	30	25	78	2.49	− 0.4	11	7,509	sw.	30	w.	7	3	9	19	7.7	14.4	6.0
Syracuse	597	97	113	29.38	30.04	− .03	32.0	+ 3.7	53	7	38	8	27	23	27	30	25	79	2.40	− 0.2	10	8,728	w.	45	s.	7	5	6	20	7.3	15.9	5.0
Erie	714	92	102	29.29	30.08	+ .01	35.0	+ 3.3	53	2	40	15	28	30	31	32	29	77	1.07	− 2.0	9	8,605	sw.	40	nw.	8	3	5	23	7.7	5.7	1.8
Cleveland	732	190	201	29.27	30.11	+ .02	35.4	+ 4.3	53	2	40	16	28	30	29	33	29	79	1.38	− 1.2	12	10,174	s.	60	nw.	8	5	3	23	7.8	5.9	....
Sandusky	629	62	70	29.42	30.12	+ .03	35.2	+ 4.1	57	2	41	16	28	30	28	32	29	81	0.83	− 1.5	7	6,284	sw.	40	nw.	8	5	4	22	7.7	3.7	0.6
Toledo	628	238	246	29.43	30.13	+ .05	35.4	+ 4.9	59	2	42	15	27	29	27	32	29	80	0.95	− 1.4	6	10,952	sw.	43	ne.	25	7	3	21	6.9	1.9	T.
Fort Wayne	855	113	124	29.19	30.14	....	34.8	+ 6.5	59	1	41	14	27	29	33	32	29	82	0.66	....	7	6,600	sw.	34	nw.	7	9	5	17	6.6	3.1	T.
Detroit	730	218	258	29.29	30.11	+ .04	34.3	+ 4.8	57	2	40	18	27	29	26	31	29	82	0.99	− 1.4	6	9,829	w.	38	nw.	7	4	8	19	7.5	4.0	T.
Upper Lake Region.							31.9	+ 7.5										81	0.46	− 1.6										6.4		
Alpena	609	13	92	29.38	30.07	+ .05	31.0	+ 6.2	52	2	37	8	27	25	21	29	26	82	0.54	− 1.7	7	8,745	nw.	46	nw.	7	4	15	12	6.3	5.1	T.
Escanaba	612	54	63	29.49	30.09	+ .06	30.0	+ 8.4	53	4	33	8	21	24	22	27	23	78	0.31	− 1.4	5	6,582	sw.	37	ne.	25	12	5	14	5.5	2.7	T.
Grand Haven	632	54	92	29.41	30.12	+ .07	35.0	+ 4.9	62	1	40	10	27	30	26	33	30	81	0.51	− 2.0	7	9,028	sw.	47	nw.	7	10	5	16	6.3	4.9	....
Grand Rapids	707	70	87	29.33	30.12	+ .07	35.1	+ 6.3	61	1	41	11	27	30	26	33	30	84	0.31	− 2.2	7	4,305	w.	26	nw.	7	6	8	17	6.9	2.3	0.2
Houghton	684	62	72	29.33	30.08	+ .06	29.6	+ 8.7	57	11	33	8	21	24	32	....	....	....	0.33	− 2.1	4	6,972	w.	39	n.	7	8	6	17	6.6	4.2	T.
Lansing	878	11	62	29.14	30.10	....	31.8	+ 5.0	55	1	39	− 5	27	25	27	29	27	88	0.55	− 1.5	7	4,472	sw.	26	nw.	8	5	7	19	7.2	4.8	1.0
Ludington	637	60	66	29.39	30.10	....	34.4	....	57	1	40	11	27	29	29	32	28	78	0.54	....	6	8,440	sw.	42	n.	8	10	5	16	6.4	1.8	....
Marquette	734	77	111	29.27	30.10	+ .08	31.6	+ 8.7	57	13	33	11	21	23	24	27	22	72	0.94	− 1.6	6	7,773	nw.	42	nw.	7	11	5	15	6.1	8.8	2.1
Port Huron	633	70	120	29.37	30.08	+ .02	33.0	+ 5.7	55	12	39	16	28	27	23	30	28	84	0.64	− 1.5	6	8,885	sw.	39	nw.	8	5	10	16	7.0	3.8	1.4
Saginaw	641	48	82	29.38	30.10	....	32.2	....	52	2	39	1	27	23	25	30	28	87	0.69	− 1.2	5	7,149	sw.	33	nw.	7	5	8	18	7.2	5.0	3.1
Sault Ste. Marie	614	11	61	29.35	30.07	+ .07	27.4	+ 6.9	44	5	34	− 2	23	21	27	23	23	82	0.45	− 1.9	7	7,737	nw.	38	nw.	4	6	6	19	7.4	3.5	0.5
Chicago	823	140	310	29.24	30.15	+ .07	37.4	+ 8.1	57	4	42	18	7	32	29	34	30	76	0.45	− 1.6	5	8,665	sw.	38	nw.	7	9	4	18	6.6	2.7	....
Green Bay	617	109	144	29.42	30.10	+ .06	31.4	+10.1	52	5	37	11	21	25	22	28	25	79	0.46	− 1.4	5	8,348	sw.	44	nw.	7	11	7	13	6.2	0.4	....
Milwaukee	681	119	133	29.37	30.13	+ .07	35.2	+ 9.2	56	12	41	17	7	30	25	31	27	76	0.08	− 1.8	4	7,509	w.	33	n.	7	12	4	15	5.5	0.2	....
Duluth	1,133	11	47	28.86	30.13	+ .08	23.7	+ 9.0	53	11	34	3	25	19	29	23	20	81	0.17	− 1.0	3	9,026	w.	52	nw.	6	10	13	8	5.2	3.1	1.2
North Dakota.							22.7	+10.9										78	0.09	− 0.5										3.8		
Moorhead	940	8	57	29.14	30.20	+ .12	22.4	+11.7	50	16	32	−12	25	12	34	20	17	84	0.02	− 0.7	1	5,525	s.	31	nw.	6	19	7	5	2.9	T.	....
Bismarck	1,674	8	57	28.33	30.22	+ .14	24.6	+ 9.6	56	11	33	0	20	14	37	20	16	76	0.28	− 0.3	2	4,896	nw.	33	n.	6	16	8	7	4.1	1.3	T.
Devils Lake	1,482	11	44	28.50	30.14	+ .08	21.1	+13.1	50	11	31	−13	25	12	29	18	15	82	0.06	− 0.3	1	6,907	w.	36	nw.	6	16	8	7	4.1	0.2	....
Williston	1,872	40	47	28.09	30.15	+ .09	22.7	+ 9.1	50	10	34	− 2	25	12	31	18	14	72	T.	− 0.7	0	4,062	sw.	34	w.	15	13	12	6	4.2	T.	T
Upper Mississippi River.							35.3	+ 8.0										83	0.66	− 1.1										6.1		
Minneapolis	918	102	208	....	....	....	30.4	....	56	11	37	10	23	24	23	....	....	....	0.05	− 0.9	1	7,281	w.	48	nw.	7	14	4	13	4.8	T	....
St. Paul	837	201	233	29.22	30.16	+ .08	30.2	+10.9	53	11	38	7	23	23	28	26	22	75	0.02	− 1.0	1	7,390	n.	48	n.	7	11	6	14	5.4	T.	....
La Crosse	714	11	48	29.37	30.17	+ .09	31.4	+ 8.6	54	12	39	11	21	24	27	....	....	....	0.13	− 1.2	3	3,297	nw.	26	nw.	7	9	8	14	6.0	0.3	T.
Madison	974	70	78	29.08	30.17	+ .09	32.0	+ 9.3	53	12	33	13	21	23	23	29	26	81	0.33	− 1.4	2	6,713	sw.	44	nw.	7	10	8	13	5.6	T.	T.
Charles City	1,015	10	49	29.06	30.18	+ .08	30.5	+11.5	51	11	39	9	21	22	25	27	25	89	0.30	− 1.0	3	3,717	nw.	26	n.	7	10	8	13	5.6	0.6	T.
Davenport	606	71	79	29.50	30.18	+ .08	35.2	+ 8.0	55	12	41	16	21	29	22	33	31	87	0.54	− 1.2	3	4,292	sw.	39	nw.	7	9	4	18	6.6	2.7	0.6
Des Moines	861	84	97	29.23	30.17	+ .06	34.0	+ 8.3	53	12	42	6	21	23	23	31	28	83	1.05	− 0.3	6	4,234	sw.	25	nw.	7	10	8	13	5.6	1.5	T.
Dubuque	698	81	93	29.41	30.19	+ .09	34.2	+ 9.7	58	12	41	15	21	27	26	31	28	83	0.34	− 1.4	2	3,605	nw.	29	n.	7	12	6	13	5.8	T.	....
Keokuk	614	64	78	29.50	30.20	+ .08	37.0	+ 7.6	58	1	43	15	21	31	26	34	32	85	1.35	− 0.5	5	4,323	nw.	28	nw.	7	8	7	16	6.5	5.0	1.0
Cairo	353	87	93	29.77	30.16	+ .01	41.6	+ 3.1	65	1	47	24	8	33	23	38	35	80	0.84	− 2.5	5	5,112	ne.	37	n.	25	10	1	20	6.6	1.8	....
Peoria	609	11	45	29.49	30.18	+ .07	35.7	+ 7.6	58	1	42	16	22	30	25	33	32	90	0.74	− 1.6	6	3,952	s.	28	nw.	7	11	0	20	6.5	3.0	1.0
Springfield, Ill.	644	10	91	29.46	30.17	+ .05	37.8	+ 6.5	58	6	43	21	8	33	27	35	32	82	0.77	− 1.7	7	5,016	sw.	36	nw.	7	10	3	18	6.6	3.0	0.4
Hannibal	534	74	109	29.58	30.18	+ .06	38.6	+ 7.3	61	1	44	18	21	23	25	....	....	....	1.11	− 0.5	9	5,010	sw.	34	nw.	7	8	7	16	6.4	4.7	0.2
St. Louis	567	235	303	29.55	30.17	+ .04	41.2	+ 5.7	63	1	47	22	8	30	23	37	34	78	1.62	− 0.6	7	6,705	nw.	44	nw.	7	8	3	20	7.1	11.2	0.8
Missouri Valley.							33.4	+ 6.5										82	1.98	+ 0.9										5.5		
Columbia, Mo.	784	11	84	29.32	30.18	+ .06	37.8	+ 4.9	61	2	44	20	8	32	28	....	....	....	1.74	− 0.3	8	4,454	e.	37	nw.	7	8	2	21	7.0	8.0	0.1
Kansas City	963	161	181	29.11	30.18	+ .06	37.8	+ 6.3	57	1	43	15	21	32	23	35	33	86	3.35	+ 2.0	12	6,469	sw.	42	ne.	5	8	2	21	6.9	4.0	1.0
St. Joseph	967	11	49	29.10	30.17	....	35.8	....	58	3	42	11	26	30	25	34	32	87	2.80	....	9	4,680	e.	34	nw.	7	11	2	18	6.3	1.7	0.4
Springfield, Mo.	1,324	98	104	28.73	30.17	+ .04	38.4	+ 2.9	58	1	44	20	26	33	24	36	34	86	2.71	0.0	9	5,954	se.	40	e.	5	7	4	20	7.1	8.2	0.4
Iola	984	11	50	29.10	30.18	+ .06	37.6	+ 5.1	58	3	44	10	26	32	29	....	....	....	3.98	+ 3.0	10	4,076	sw.	28	n.	7	7	3	21	7.3	5.7	0.4
Topeka	983	85	101	....	....	....	36.0	+ 4.9	56	1	42	9	26	30	29	....	....	....	3.56	+ 2.7	12	5,109	s.	33	nw.	7	9	3	19	6.6	4.3	1.5
Lincoln	1,189	11	84	28.87	30.19	+ .07	33.5	+ 6.6	54	3	41	6	26	28	25	30	29	90	4.03	+ 3.4	9	5,680	s.	41	ne.	6	16	4	11	4.7	1.1	T.
Omaha	1,105	115	121	28.97	30.20	+ .09	34.2	+ 7.1	55	11	41	8	25	28	21	31	27	80	2.19	+ 1.3	9	4,998	s.	43	nw.	6	14	6	11	5.0	1.0	T.
Valentine	2,598	47	54	27.39	30.22	+ .12	29.3	+ 4.8	57	10	41	2	21	17	38	23	20	79	0.88	+ 0.3	6	5,351	w.	31	nw.	6	16	6	9	4.1	0.7	....
Sioux City	1,135	94	164	28.94	30.20	+ .08	31.0	+ 8.4	55	11	39	3	25	23	27	27	24	82	0.60	− 0.1	6	6,485	s.	48	n.	6	16	6	9	4.3	T.	T.
Huron	1,306	56	67	28.77	30.22	+ .12	26.6	+10.9	57	11	38	−10	25	15	38	22	18	79	0.05	− 0.6	1	5,583	s.	37	n.	6	18	3	10	4.1	T.	....
Pierre	1,572	70	75	28.50	30.24	+ .14	28.6	+ 8.5	58	11	38	− 1	25	19	31	24	19	73	0.43	− 0.1	3	4,309	sw.	37	nw.	6	20	3	8	3.2	0.5	....
Yankton	1,233	49	57	28.82	30.20	+ .09	30.0	+ 7.8	61	11	39	2	25	21	36	....	....	....	0.27	− 0.5	4	4,019	w.	30	nw.	6	15	6	10	4.9	0.1	....

TABLE I.—*Climatological data for United States Weather Bureau stations, December, 1913*—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.							**23.8**	**+ 0.1**										**76**	**0.81**	**0.0**										**4.4**		
Havre	2,505	11	44	27.40	30.14	+ .09	23.6	+ 2.4	52	10	36	− 6	25	11	40	20	17	83	0.02	− 0.6	1	4,840	w.	40	sw.	7	20	4	7	3.8	0.2	....
Helena	4,110	87	114	25.86	30.23	+ .13	24.2	− 0.6	46	15	33	5	21	16	25	21	17	78	0.11	− 0.7	2	3,982	s.	38	sw.	31	15	7	9	4.3	1.4	0.2
Kalispell	2,962	11	34	27.06	30.23	+ .16	24.8	+ 0.9	44	7	30	11	21	19	21	23	20	85	0.48	− 1.4	7	1,995	nw.	23	sw.	31	5	7	19	7.6	4.8	3.8
Miles City	2,371	26	48	27.57	30.22	+ .12	27.7	+ 6.7	55	9	40	2	25	16	40	22	17	74	0.02	− 0.6	2	2,718	s.	17	w.	15	25	6	0	1.7	0.1	....
Rapid City	3,234	46	50	28.68	30.23	+ .14	31.3	+ 5.3	59	10	42	4	25	20	32	24	18	67	0.29	− 0.2	4	4,474	w.	30	n.	6	18	5	8	3.9	3.1	....
Cheyenne	6,088	58	64	24.00	30.24	+ .15	22.0	− 7.0	45	31	32	0	20	12	33	19	14	73	2.00	+ 1.7	7	8,707	nw.	56	w.	31	9	12	10	5.2	21.4	8.1
Lander	5,372	60	68	24.72	30.39	+ .24	10.6	− 8.6	46	31	22	−21	22	−1	51	7	1	69	1.05	+ 0.4	4	1,665	sw.	48	sw.	31	13	10	8	4.8	13.9	5.1
Sheridan	3,790	10	47	26.17	30.25	.....	24.4	.....	56	9	39	− 5	25	10	44	18	14	78	0.12	.....	4	2,211	se.	25	nw.	6	18	6	7	4.1	1.9	T.
Yellowstone Park	6,200	11	48	23.92	30.29	+ .13	21.0	− 0.6	41	11	32	− 2	21	10	30	17	12	71	0.25	− 1.6	2	4,747	s.	31	s.	31	17	7	7	3.9	1.0	0.5
North Platte	2,821	11	51	27.19	30.23	+ .13	28.6	+ 2.0	51	12	39	5	22	18	33	24	22	85	3.09	+ 2.6	8	4,804	w.	35	n.	6	14	7	10	5.0	1.9	T.
Middle Slope.							**31.4**	**+ 1.5**										**81**	**3.28**	**+ 2.5**										**5.6**		
Denver	5,291	129	172	24.76	30.25	+ .17	23.2	− 9.0	52	31	34	0	21	12	37	19	13	68	5.21	+ 4.6	7	6,393	s.	44	n.	5	17	8	6	3.8	57.4	17.8
Pueblo	4,685	80	86	25.33	30.22	+ .14	22.1	− 9.6	47	31	35	− 5	21	10	41	18	14	77	1.35	+ 0.9	8	3,503	nw.	27	nw.	5	11	13	7	4.5	18.2	4.2
Concordia	1,398	42	50	28.66	30.18	+ .07	35.0	+ 5.5	54	3	42	8	26	28	24	32	30	86	3.91	+ 3.4	10	3,725	s.	23	n.	6	9	8	14	5.9	2.1	T.
Dodge City	2,509	11	51	27.48	30.16	+ .06	32.6	+ 2.0	57	11	41	11	25	26	33	30	26	80	1.88	+ 1.3	13	6,148	nw.	38	nw.	6	13	3	15	5.4	2.7	T.
Wichita	1,358	139	158	28.66	30.14	+ .03	35.4	+ 1.2	56	3	41	6	26	30	21	34	32	93	3.93	+ 3.1	1[illegible]	6,674	s.	40	nw.	20	7	5	19	7.2	4.9	1.8
Oklahoma	1,214	10	47	28.84	30.16	+ .05	39.4	+ 0.8	59	1	45	17	26	33	25	36	34	86	3.38	+ 1.6	1[illegible]	7,645	[illegible]	46	n.	7	8	5	18	6.8	3.9	....
Southern Slope.							**41.3**	**− 2.4**										**76**	**1.88**	**+ 0.8**										**5.1**		
Abilene	1,738	10	52	28.29	30.14	+ .03	43.4	− 1.6	70	2	52	24	29	35	27	39	36	79	2.07	+ 0.9	8	6,067	se.	30	s.	4	10	9	12	5.6	0.1	....
Amarillo	3,676	10	49	26.30	30.13	+ .04	33.2	− 3.2	54	11	42	4	23	25	35	30	27	82	2.84	+ 2.0	8	6,915	n.	37	ne.	7	17	6	8	4.5	12.1	....
Del Rio	944	8	57	29.11	30.12	+ .02	51.6	− 0.8	78	2	60	32	8	43	33	.....	.....	.....	1.72	+ 0.2	9	4,762	se.	42	nw.	24	13	7	11	5.1	.....	....
Roswell	3,566	75	85	26.42	30.12	+ .05	37.0	− 4.2	60	31	48	15	22	26	36	32	25	67	0.88	+ 0.3	6	4,847	n.	40	ne.	6	9	13	9	5.2	5.4	....
Southern Plateau.							**41.6**	**− 3.3**										**65**	**0.44**	**− 0.2**										**3.8**		
El Paso	3,762	110	133	26.23	30.07	+ .04	41.8	− 3.0	63	3	52	25	22	32	29	35	25	55	0.76	+ 0.2	3	7,907	nw.	45	w.	5	16	11	4	3.5	.....	....
Santa Fe	7,013	57	62	23.21	30.16	+ .10	26.4	− 3.9	47	10	35	6	25	18	32	21	17	73	0.77	0.0	12	5,945	ne.	43	se.	4	10	17	4	4.4	9.7	0.7
Flagstaff	6,907	8	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Phoenix	1,108	76	81	28.89	30.06	+ .02	50.7	− 1.2	71	14	62	30	2	40	33	44	36	62	0.27	− 0.3	6	3,315	e.	20	e.	7	15	8	8	4.0	.....	....
Yuma	141	9	58	29.92	30.07	+ .02	53.6	− 2.1	74	7	67	29	5	40	38	44	33	50	0.00	− 0.4	0	3,437	n.	28	26	3	2	1.7	.....	....
Independence	3,910	11	42	26.08	30.17	+ .05	35.5	− 6.1	61	5	46	18	29	24	41	31	29	86	0.38	− 0.4	3	3,698	nw.	35	nw.	5	11	8	12	5.4	T.	....
Middle Plateau.							**28.3**	**− 2.9**										**77**	**1.31**	**+ 0.3**										**5.2**		
Reno	4,532	74	81	25.50	30.15	.00	33.8	+ 0.1	55	7	43	17	3	24	32	29	25	74	3.09	+ 1.4	13	3,037	w.	42	sw.	31	11	8	12	5.5	9.0	....
Tonopah	6,090	12	20	24.03	30.18	.....	28.9	.....	46	9	34	14	21	24	21	26	21	73	0.29	− 0.5	4	6,573	se.	34	se.	31	9	13	9	5.7	4.4	....
Winnemucca	4,344	18	56	25.68	30.20	+ .02	27.4	− 3.3	54	31	39	2	27	16	34	24	21	81	1.84	+ 0.8	9	4,522	ne.	40	sw.	31	12	4	15	5.6	9.4	1.0
Modena	5,479	10	43	24.65	30.16	+ .04	24.9	− 6.8	49	11	33	2	21	14	33	22	17	75	0.54	0.0	4	5,597	w.	29	w.	22	13	10	8	4.9	5.4	T.
Salt Lake City	4,360	147	189	25.70	30.18	+ .03	30.6	− 1.5	43	31	37	10	21	24	21	28	24	78	1.35	0.0	11	3,853	nw.	42	s.	31	14	9	8	4.5	17.7	4.9
Durango	6,546	18	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Grand Junction	4,602	43	51	25.48	30.18	+ .03	25.0	− 3.2	51	6	34	− 8	29	16	25	21	18	79	0.75	+ 0.3	12	2,516	se.	19	w.	18	14	7	10	4.7	12.4	5.0
Northern Plateau.							**29.3**	**− 2.7**										**83**	**1.17**	**− 0.6**										**6.8**		
Baker	3,471	48	53	26.55	30.24	+ .03	27.1	− 0.3	45	11	35	8	21	19	23	25	21	78	1.10	− 0.4	10	4,721	se.	22	s.	31	13	6	12	5.1	14.7	6.4
Boise	2,739	78	86	27.31	30.26	+ .03	28.9	− 3.3	50	31	37	3	24	21	33	27	24	82	2.40	+ 0.7	10	2,931	nw.	29	se.	31	10	6	15	5.9	19.2	4.0
Lewiston	757	40	48	29.38	30.22	+ .09	33.4	− 4.1	50	31	40	15	21	27	21	.....	.....	.....	0.75	− 0.8	7	1,999	e.	17	ne.	17	11	7	13	6.0	6.5	0.5
Pocatello	4,477	46	54	25.57	30.26	+ .07	23.7	− 4.7	45	10	33	− 8	21	15	31	22	19	82	0.84	0.0	8	4,183	se.	23	s.	31	7	8	16	6.6	5.9	T.
Spokane	1,929	101	110	28.09	30.21	+ .13	31.2	+ 0.4	47	14	36	15	21	27	17	30	23	85	0.93	− 1.7	11	2,837	ne.	29	sw.	31	4	5	22	8.0	4.8	2.6
Walla Walla	1,000	107	115	29.10	30.21	+ .09	31.6	− 4.4	52	31	36	17	21	27	24	30	29	89	0.99	− 1.1	9	2,663	s.	25	se.	30	3	0	28	9.0	8.3	0.3
N. Pac. Coast Region.							**42.1**	**+ 0.5**										**88**	**3.65**	**− 4.3**										**7.7**		
North Head	211	11	56	29.78	30.01	− .02	45.1	+ 0.8	56	10	48	36	24	42	12	43	42	89	6.25	− 1.2	20	13,562	e.	68	se.	27	4	4	23	7.7	.....	....
Port Crescent	259	8	53	29.71	30.00	+ .02	39.8	+ 1.5	50	27	45	23	24	35	16	.....	.....	.....	1.77	− 5.1	18	3,945	se.	20	ne.	20	0	10	21	8.5	.....	....
Seattle	125	215	250	29.93	30.07	+ .06	42.4	+ 1.2	55	12	47	23	21	33	18	41	39	83	2.61	− 3.4	12	4,993	se.	43	sw.	6	1	11	19	7.8	T.	....
Tacoma	213	113	120	29.82	30.06	+ .05	40.0	− 0.3	55	11	45	25	21	35	22	40	39	94	3.00	− 4.3	15	2,710	sw.	20	sw.	13	0	7	24	8.7	T.	....
Tatoosh Island	86	7	57	29.86	29.96	.00	45.2	+ 1.3	57	10	48	33	25	42	11	43	41	88	6.05	− 8.5	19	15,842	e.	62	e.	21	2	11	18	7.4	T.	....
Portland, Oreg.	153	68	106	29.90	30.06	− .01	40.7	− 0.6	55	13	44	30	19	37	14	38	35	80	3.48	− 3.9	17	4,533	e.	29	e.	6	6	6	19	7.2	T.	....
Roseburg	510	9	57	29.50	30.05	+ .03	41.5	− 0.4	59	11	47	30	23	36	22	40	33	83	2.37	− 3.6	13	1,802	s.	20	s.	10	0	20	11	6.8	.....	....
M. Pac. Coast Region.							**47.4**	**− 1.1**										**84**	**60.8**	**+ 1.7**										**6.3**		
Eureka	62	73	89	29.99	30.06	− .06	48.4	+ 0.4	66	9	54	36	2	42	27	46	44	86	7.58	+ 0.3	19	5,265	se.	43	sw.	31	4	7	20	7.8	.....	....
Mount Tamalpais	2,375	11	18	27.58	30.09	− .03	43.3	− 4.3	60	9	48	31	19	39	18	40	37	82	6.35	+ 2.4	14	14,807	se.	70	nw.	25	7	11	13	6.0	T.	....
Point Reyes Light	490	7	18	29.52	30.04	.....	50.2	− 0.4	65	9	54	40	20	47	19	.....	.....	.....	5.07	.....	12	15,352	s.	70	s.	24	8	6	17	6.5	.....	....
Red Bluff	332	50	56	29.75	30.12	− .02	45.3	− 1.1	63	8	52	31	18	38	23	42	39	83	9.73	+ 5.2	15	3,463	nw.	32	se.	31	11	3	17	6.2	.....	....
Sacramento	69	106	117	30.04	30.12	− .02	45.7	− 0.6	60	1	52	30	6	40	23	43	41	84	4.40	+ 0.9	11	6,184	se.	43	s.	31	9	5	17	6.3	.....	....
San Francisco	155	200	204	29.93	30.10	− .02	50.6	− 0.3	66	1	55	41	20	46	17	48	45	84	5.41	+ 1.2	12	5,037	n.	42	sw.	30	10	6	15	6.0	.....	....
San Jose	141	12	110	29.96	30.10	.....	48.6	− 1.3	67	11	53	31	3	40	32	.....	.....	.....	3.00	0.0	13	4,876	se.	36	se.	24	9	9	13	5.6	.....	....
S. Pac. Coast Region.							**5.20**	**− 1.0**										**74**	**2.41**	**0.0**										**5.5**		
Fresno	327	89	98	29.78	30.15	+ .02	46.9	+ 0.1	66	12	54	29	9	39	33	43	40	81	1.53	0.0	9	4,025	e.	23	se.	31	6	9	16	6.8	.....	....
Los Angeles	338	159	191	29.73	30.10	+ .03	55.4	− 1.1	78	9	64	42	5	47	27	48	41	65	1.66	− 1.2	6	4,365	ne.	20	ne.	25	10	11	10	5.3	.....	....
San Diego	87	62	70	29.99	30.03	+ .01	55.4	− 0.3	72	9	62	43	5	48	22	49	45	74	0.72	− 1.1	6	3,567	nw.	20	se.	22	18	7	6	3.9	.....	....
San Luis Obispo	201	47	54	29.91	30.14	+ .03	50.2	− 2.6	76	9	60	31	4	41	37	46	42	76	5.73	+ 3.4	11	3,487	n.	22	n.	15	10	5	16	6.1	.....	....
West Indies.																																
San Juan	82	8	54	29.91	30.03	+ .03	75.0	.....	82	25	80	61	1	70	16	.....	.....	.....	4.00	− 2.2	21	7,290	e.	35	ne.	28	11	15	5	4.7	.....	....
Panama.																																
Ancon	92	6	69	.....	29.84	.....	80.0	.....	92	24	89	68	5	71	21	74	73	89	4.84	+ 0.6	9	5,547	nw.	22	nw.	10	13	16	2	4.3	.....	....
Culebra	404	5	6	.....	29.85	.....	78.5	.....	88	24	83	63	6	71	19	73	73	94	1.50	− 5.9	14	5,820	nw.	23	nw.	8	7	12	12	6.0	.....	....
Colon	10	5	71	.....	29.33	.....	79.7	.....	86	8	84	72	12	76	13	76	74	84	6.55	− 5.6	21	8,756	n.	32	ne.	28	10	14	7	5.2	.....	....

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 December, 1913, 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.	4			0.83														.62			
Albany, N. Y.	25-26			0.86														(*)			
Alpena, Mich.	6-7			0.26														(*)			
Amarillo, Tex.	4			1.10														(*)			
Anniston, Ala.	1			0.57														.39			
Asheville, N. C.	1			0.78														.37			
Atlanta, Ga.	1			0.91														.41			
Atlantic City, N. J.	23	8.00 p. m.	D. N. p. m.	0.78	8.36 p. m.	8.44 p. m.	.22	.31	.50												
Augusta, Ga.	29			1.02														.19			
Baker, Oreg.	21-22			0.28														(*)			
Baltimore, Md.	25			1.16														.39			
Bentonville, Ark.	5			1.49														.27			
Binghamton, N. Y.	23			0.54														.12			
Birmingham, Ala.	6			0.81														.29			
Bismarck, N. Dak.	1-2			0.14														(*)			
Block Island, R. I.	26			0.56														.40			
Boise, Idaho.	17-18			0.80														.14			
Boston, Mass.	26			0.85														.33			
Buffalo, N. Y.	23			0.51														.06			
Burlington, Vt.	23			0.52														(*)			
Cairo, Ill.	22			0.31														.22			
Canton, N. Y.	7-8			0.80														(*)			
Charles City, Iowa.	6			0.24														.07			
Charleston, S. C.	25			1.29														.27			
Charlotte, N. C.	23			1.03														.36			
Chattanooga, Tenn.	6			1.35														.40			
Cheyenne, Wyo.	4-5			0.94														(*)			
Chicago, Ill.	23			0.29														(*)			
Cincinnati, Ohio.	23			0.32														.18			
Cleveland, Ohio.	6			0.13														.11			
Columbia, Mo.	5			0.63														.16			
Columbia, S. C.	29			0.98														.26			
Columbus, Ohio.	23			0.29														(*)			
Concord, N. H.	7			1.03														(*)			
Concordia, Kans.	5			1.71														.24			
Corpus Christi, Tex.	12			0.49														.33			
Davenport, Iowa.	23			0.24														(*)			
Dayton, Ohio.	20-21			0.21														.11			
Del Rio, Tex.	2	1.05 a. m.	4.30 a. m.	0.93	1.47 a. m.	2.03 a. m.	.07	.18	.37	.81	.82										
Denver, Colo.	4-5			2.29														(*)			
Des Moines, Iowa.	6			0.70														.10			
Detroit, Mich.	23			0.42														(*)			
Devils Lake, N. Dak.	1			0.06														.01			
Dodge City, Kans.	4-5			0.70														(*)			
Dubuque, Iowa.	6			0.33														.15			
Duluth, Minn.	26-27			0.16														(*)			
Durango, Colo.																					
Eastport, Me.	7			1.36														.27			
Elkins, W. Va.	7			1.12†														.35			
El Paso, Tex.	15-16			0.69														.12			
Erie, Pa.	7			0.23†														.08			
Escanaba, Mich.	7			0.14														(*)			
Eureka, Cal.	12			0.82														.35			
Evansville, Ind.	6			0.74														.46			
Flagstaff, Ariz.																					
Fort Smith, Ark.	5			1.78														.47			
Fort Wayne, Ind.	23			0.31														(*)			
Fort Worth, Tex.	2			2.53														.74			
Fresno, Cal.	29			0.37														.15			
Galveston, Tex.	13			1.02														.47			
Grand Haven, Mich.	7			0.35														(*)			
Grand Junction, Colo.	1			0.16														(*)			
Grand Rapids, Mich.	7-8			0.15														(*)			
Green Bay, Wis.	6-7			0.38														(*)			
Hannibal, Mo.	20			0.41														.11			
Harrisburg, Pa.	25			0.57														.17			
Hartford, Conn.	22			0.56														.26			
Hatteras, N. C.	25			1.24														.48			
Havre, Mont.	25			0.02														(*)			
Helena, Mont.	22-23			0.11														(*)			
Houghton, Mich.	7			0.23														(*)			
Houston, Tex.	13	6.25 a. m.	1.15 p. m.	1.38	9.49 a. m.	10.37 a. m.	.26	.08	.17	.26	.45	.65	.71	.76	.82	.96	.99				
	24	8.05 a. m.	2.35 p. m.	1.27	10.31 a. m.	10.56 a. m.	.32	.10	.27	.41	.55	.67									
Huron, S. Dak.	1			0.05														(*)			
Independence, Cal.	22			0.14														(*)			
Indianapolis, Ind.	23			0.14														.08			
Iola, Kans.	5			1.66														.49			
Jacksonville, Fla.	25			1.23														.34			
Kalispell, Mont.	31			0.24														(*)			
Kansas City, Mo.	5			1.65														.25			
Keokuk, Iowa.	5-6			0.55														(*)			
Key West, Fla.	25			0.13														.11			
Knoxville, Tenn.	6			1.28														.38			
La Crosse, Wis.	6			0.11														.05			
Lander, Wyo.	18-19			0.46														(*)			
Lansing, Mich.	23			0.35														(*)			
Lewiston, Idaho.	22			0.20														.05			
Lexington, Ky.	25			0.98														.10			
Lincoln, Nebr.	4-5			1.84														.19			
Little Rock, Ark.	22			0.40														.24			
Los Angeles, Cal.	22			0.74														.24			
Louisville, Ky.	6			0.39														.24			
Ludington, Mich.	6-7			0.31														(*)			
Lynchburg, Va.	25			0.81														.20			
Macon, Ga.	24			0.29														.26			
Madison, Wis.	6			0.24														.12			
Marquette, Mich.	7			0.46														(*)			
Memphis, Tenn.	22			0.44														.26			
Meridian, Miss.	22			1.31														.42			
Miami, Fla.	25			0.24														.20			

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 December, 1913, 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.
Milwaukee, Wis	6			0.03														.01			
Minneapolis, Minn	1			0.05														(*)			
Mobile, Ala	24			0.90														.57			
Modena, Utah	25			0.32														(*)			
Montgomery, Ala	24			0.61														.46			
Moorhead, Minn	1			0.02														(*)			
Mount Tamalpais, Cal	22			1.12														.34			
Mount Weather, Va	25–26			0.75														(*)			
Nantucket, Mass	25			0.70														.25			
Nashville, Tenn	25			0.88														.31			
New Haven, Conn	23			1.45														.36			
New Orleans, La	24			0.92														.45			
New York, N. Y	23			1.08														.37			
Norfolk, Va	23			0.54														.22			
Northfield, Vt	23–24			0.85														(*)			
North Head, Wash	27			0.81														.33			
North Platte, Nebr	2			0.60														.17			
Oklahoma, Okla	2			0.69														.46			
Omaha, Nebr	5–6			1.11†														(*)			
Oswego, N. Y	25–26			0.60														(*)			
Palestine, Tex	3	8.55 p. m.	11.30 a. m.	6.93	2.27 a. m.	3.07 a. m.	.29	.53	.71	.75	.79	.81	.85	.94	.99						
	5	11.25 p. m.	5.20 a. m.	0.76	1.29 a. m.	1.45 a. m.	.04	.25	.36	.48	.51										
Parkersburg, W. Va	23			0.80														.34			
Pensacola, Fla	24			0.71														.54			
Peoria, Ill	20			0.29														(*)			
Philadelphia, Pa	23			1.16														.34			
Phoenix, Ariz	21			0.11														.07			
Pierre, S. Dak	1–2			0.25														(*)			
Pittsburgh, Pa	6–7			0.53														.22			
Pocatello, Idaho	31			0.48														(*)			
Point Reyes Light, Cal	21			0.72														.25			
Port Huron, Mich	6–7			0.37														(*)			
Portland, Me	24			1.16														.34			
Portland, Oreg	24			0.25														.13			
Providence, R. I	7			1.55														.33			
Pueblo, Colo	3–4			0.91														(*)			
Raleigh, N. C	25			1.24														.41			
Rapid City, S. Dak	1–2			0.20														(*)			
Reading, Pa	23			0.87														.33			
Red Bluff, Cal	10			0.46														.32			
Reno, Nev	31			1.74														(*)			
Richmond, Va	23			0.48														.23			
Rochester, N. Y	25–26			1.12														(*)			
Roseburg, Oreg	31			0.53														.15			
Roswell, N. Mex	15–16			0.67														(*)			
Sacramento, Cal	30			1.32														.31			
Saginaw, Mich	23–24			0.33														(*)			
St. Joseph, Mo	6			0.64														.21			
St. Louis, Mo	25			0.94														(*)			
St. Paul, Minn	1			0.02														(*)			
Salt Lake City, Utah	17–18			0.63†														(*)			
San Antonio, Tex	3–4	6.17 p. m.	11.30 a. m.	2.16	1.13 a. m.	1.32 a. m.	.19	.22	.44	.59	.71										
San Diego, Cal	22			0.34														.27			
Sand Key, Fla	16			1.03														.51			
Sandusky, Ohio	23			0.33														(*)			
San Francisco, Cal	12			0.48														.34			
San Jose, Cal	12			0.47														.27			
San Luis Obispo, Cal	22			1.09														.29			
Santa Fe, N. Mex	4			0.24														(*)			
Sault Ste. Marie, Mich	6–7			0.17														(*)			
Savannah, Ga	1			0.52														.41			
Scranton, Pa	25–26			1.15														(*)			
Seattle, Wash	31			0.48														.11			
Sheridan, Wyo	1			0.06														(*)			
Shreveport, La	27			1.33														.31			
Sioux City, Iowa	5–6			0.48														(*)			
Spokane, Wash	30–31			0.45														(*)			
Springfield, Ill	22–23			0.22														(*)			
Springfield, Mo	5			1.40†														(*)			
Syracuse, N. Y	25–26			1.50														(*)			
Tacoma, Wash	31			0.76														.13			
Tampa, Fla	22–23	1.30 p. m.	D. N. a. m.	1.60	9.19 p. m.	9.45 p. m.	.58	.10	.26	.41	.60	.75	.79								
Tatoosh Island, Wash	21			0.44														.26			
Taylor, Tex	2–3	2.54 p. m.	6.30 a. m.	1.99	4.32 p. m.	5.18 p. m.	.10	.08	.11	.27	.35	.47	.57	.86	1.13	1.23	1.32				
	3–4	7.28 a. m.	10.24 a. m.	6.69	3.19 p. m.	4.30 p. m.	1.57	.09	.16	.21	.31	.36	.44	.51	.69	.78	.87	1.02	1.26		
Terre Haute, Ind	23			0.38														(*)			
Thomasville, Ga	7			0.57														.33			
Toledo, Ohio	23			0.51														.11			
Tonopah, Nev	21–22			0.12														(*)			
Topeka, Kans	5			1.77														.28			
Valentine, Nebr	1			0.41														.12			
Vicksburg, Miss	5			0.50														.16			
Walla Walla, Wash	25			0.27														(*)			
Washington, D. C	25			1.10														.36			
Wichita, Kans	4			1.17														.25			
Williston, N. Dak	2			T.														T.			
Wilmington, N. C	2			0.93														.46			
Winnemucca, Nev	30–31			0.79†														(*)			
Wytheville, Va	25			0.91														(*)			
Yankton, S. Dak	2–3			0.16														(*)			
Yellowstone Park, Wyo	31			0.24														(*)			

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

TABLE III.—*Data furnished by the Canadian Meteorological Service, December, 1913.*

Districts and stations.	Pressure in inches.			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.
St. Johns, N. F.	29.59	29.73	− .10	30.0	+ 1.3	34.8	25.3	48	9	7.05	+2.02	7.0
Sydney, C. B. I.	29.79	29.83	− .06	31.6	+ 3.4	37.8	25.5	56	10	4.84	+0.21	12.0
Halifax, N. S.	29.77	29.88	− .08	30.6	+ 3.0	38.1	23.2	55	14	6.21	+1.09	6.0
Yarmouth, N. S.	29.83	29.90	− .08	34.4	+ 3.7	40.3	28.4	53	17	4.51	−0.53	0.8
Charlottetown, P. E. I.	29.82	29.86	− .08	28.2	+ 3.9	33.5	23.0	50	10	2.79	−0.87	9.2
Chatham, N. B.	29.88	29.91	− .03	22.4	+ 5.4	29.8	15.0	41	− 3	3.03	−0.19	27.5
Father Point, Que.	29.90	29.93	− .02	21.4	+ 6.4	27.8	15.1	35	0	1.88	−0.95	18.6
Quebec, Que.	29.61	29.95	− .06	21.7	+ 6.5	28.3	15.1	38	− 1	2.26	−1.43	20.6
Montreal, Que.	29.77	29.99	− .04	26.4	+ 8.1	32.5	20.4	42	2	3.46	−0.19	27.5
Stonecliffe, Ont.	29.37	30.00	− .01	22.3	+ 7.3	30.7	13.9	42	− 8	1.46	−1.03	10.5
Ottawa, Ont.	29.74	30.08	+ .06	24.4	+ 7.4	31.2	17.6	41	− 4	1.77	−1.14	15.2
Kingston, Ont.	29.71	30.03	− .01	31.0	+ 7.3	38.3	23.6	49	0	1.66	−1.58	7.9
Toronto, Ont.	29.63	30.03	− .02	33.4	+ 6.4	39.5	27.4	54	6	1.04	−1.87	5.6
White River, Ont.	28.65	30.01	+ .04	17.3	+ 7.6	29.7	4.9	43	−34	0.70	−1.01	7.0
Port Stanley, Ont.	29.42	30.08	+ .01	33.0	+ 4.6	39.5	26.4	51	5	0.94	−1.48	7.2
Southampton, Ont.	29.33	.....	.....	32.2	+ 5.5	37.7	26.7	53	2	0.74	−3.24	5.6
Parry Sound, Ont.	29.30	30.01	.00	29.0	+ 7.8	36.7	21.2	46	− 4	1.44	−3.04	8.0
Port Arthur, Ont.	29.34	30.07	+ .08	25.0	+11.8	34.0	16.0	50	− 9	0.08	−0.79	0.7
Winnipeg, Man.	29.28	30.15	+ .13	19.1	+15.0	27.9	10.3	49	−14	0.26	−0.65	2.6
Minnedosa, Man.	28.23	30.14	+ .12	15.8	+10.1	25.7	6.0	40	−23	0.15	−0.47	1.5
Qu'Appelle, Sask.	27.73	30.06	+ .06	20.1	+12.7	28.6	11.6	46	− 9	0.04	−0.48	0.4
Medicine Hat, Alberta.	27.71	30.05	+ .08	26.8	+ 8.6	38.4	15.1	55	− 6	0.20	−0.35	2.0
Swift Current, Sask.	27.39	30.06	+ .07	23.4	+ 7.4	35.6	11.1	58	− 9	0.04	−0.74	0.4
Calgary, Alberta.	26.36	29.99	+ .05	29.2	+11.0	39.5	18.9	54	− 2	T.	−0.59	T.
Banff, Alberta.	25.37	30.19	+ .25	18.2	− 0.9	26.0	10.3	37	− 8	0.05	−1.16	0.5
Edmonton, Alberta.	27.63	29.99	+ .06	22.5	+ 9.4	32.4	12.5	60	−12	0.18	−0.52	1.8
Prince Albert, Sask.	28.38	30.00	− .01	16.6	+13.8	26.3	6.9	44	−25	0.11	−0.63	1.1
Battleford, Sask.	28.24	30.05	+ .06	19.2	+13.8	28.4	9.9	46	−10	T.	−0.32	T.
Kamloops, B. C.	28.82	30.11	+ .17	32.4	+ 3.5	36.6	28.2	46	14	0.26	−0.52	2.6
Victoria, B. C.	29.91	30.01	+ .04	42.8	+ 1.6	46.0	39.5	50	34	1.35	−6.63	0.0
Barkerville, B. C.	25.55	29.93	+ .05	24.4	+ 3.5	30.7	18.1	44	− 5	1.65	−1.52	16.5
Hamilton, Bermuda.	29.92	30.09	− .03	63.4	− 1.3	68.6	58.2	73	54	3.68	−0.81	0.0