The position of the center at 6 a. m. of July 14 to 17 was as follows:

July 14, 6 a. m., 131° 30′ longitude E., 15° 00′ latitude N.
15, 6 a. m., 127° longitude E., 18° 15′ latitude N.
16, 6 a. m., 123° 50′ longitude E., 20° 40′ latitude N.
17, 6 a. m., 118° 30′ longitude E., 23° 50′ latitude N.

The typhoon of Aparri and Hong Kong, July 19 to 27.—This typhoon was probably forming from July 19 to 21 over the Pacific about 250 miles to the east of Luzon between 126° and 127° longitude E., 16° and 17° latitude N. It moved to WNW. and passed very near to Aparri during the night of July 22 to 23. Observations received from our stations nearest to the center do not give any sign of a strong typhoon. Yet it increased in intensity in the China Sea, and passed over Pratas at 1 p. m. of the 24th, and then close to Hong Kong at 3 a. m. of the 25th as a strong and much developed typhoon. The lowest barometric minimum at Hong Kong was 735.21 mm. (28.946 inches), and the wind reached a maximum squall velocity of 72 miles per hour.

The steamer *President Madison* was very much involved in this typhoon close to the China coast to the ENE. of Hong Kong with a barometric minimum as low as 731.60 mm. (28.80 inches) at 2 a. m. of the 25th and hurricane winds from the NE. quadrant.

The approximate position of the center of this typhoon at 6 a. m. of July 23, 24, and 25 was as follows:

July 23, 6 a. m., 120° 30′ longitude E., 19° 15′ latitude N.
24, 6 a. m., 118° longitude E. 20° 35′ latitude N.
25, 6 a. m., 113° 20′ longitude E. 23° latitude N.

CLIMATOLOGICAL TABLES

CONDENSED CLIMATOLOGICAL SUMMARY

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall; the stations reporting the highest and lowest temperatures, with dates of occurrence; the stations reporting the greatest and least total 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, July, 1927

Section	Temperature								Precipitation					
	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
	°F.	°F.		°F.			°F.		In.	In.		In.		In.
Alabama	80.8	+0.7	Eufaula	105	[1] 2	Riverton	55	5	4.04	−1.41	Spring Hill	10.63	Florence	1.03
Arizona	82.0	+1.0	3 stations	118	[1] 17	Bright Angel Ranger Station.	31	17	1.83	−0.55	Tombstone	6.86	Canon	0.00
Arkansas	79.6	−0.4	Amity	104	11	2 stations	49	[1] 4	4.25	+0.43	Pindall	8.63	Magnolia	0.58
California	73.5	+1.0	Greenland Ranch	125	19	Helm Creek	22	4	0.05	−0.02	Yreka	1.41	154 stations	0.00
Colorado	65.8	−0.5	4 stations	102	[1] 6	Nast	24	3	2.74	+0.34	Holly	9.64	Norwood	0.15
Florida	81.9	+0.7	3 stations	102	[1] 1	Coral Gables	61	10	6.99	−0.23	Niceville	13.63	Coral Gables	1.10
Georgia	79.8	0.0	Eastman	106	1	Blue Ridge	52	24	6.42	+0.71	Hazlehurst	13.13	Fort Gaines	1.46
Idaho	68.7	+0.3	5 stations	107	[1] 17	Obsidian	26	5	0.23	−0.38	Irwin	1.67	15 stations	0.00
Illinois	74.5	−1.5	Mount Carmel	100	[1] 1	Mount Carroll	44	8	3.26	−0.05	Salem	8.31	Oregon	0.13
Indiana	74.0	−1.3	Greencastle	101	28	4 stations	45	[1] 4	3.41	+0.01	Marengo	6.99	Columbus	1.81
Iowa	72.9	−0.9	2 stations	102	[1] 11	2 stations	45	[1] 3	1.96	−1.89	Mount Ayr	4.80	Webster City	0.09
Kansas	77.2	−1.1	3 stations	106	[1] 9	3 stations	49	[1] 3	3.71	+0.24	Elkhart	9.86	Bison	0.79
Kentucky	75.7	−1.2	Bowling Green	101	28	Farmers	45	6	3.71	−0.46	Maysville	6.72	Williamstown	1.81
Louisiana	82.2	+0.6	Dodson	105	18	Lake Providence	58	[1] 4	4.94	−1.28	Crowley	11.28	Natchitoches	1.98
Maryland-Delaware	74.2	−1.0	2 stations	100	[1] 13	Oakland, Md	39	5	3.82	−0.51	Aberdeen, Md	7.55	Baltimore, Md	1.41
Michigan	67.3	−1.3	Houghton Lake	101	1	2 stations	31	[1] 4	3.09	+0.16	Painesdale	9.69	South Haven (No. 1)	0.73
Minnesota	66.4	−2.9	2 stations	98	27	Meadow Lands	29	3	2.72	−0.84	Cloquet	5.95	Mankato	0.54
Mississippi	81.7	+1.0	Utica	104	[1] 18	2 stations	57	[1] 4	3.45	−1.40	Waynesboro	10.96	Greenville	0.51
Missouri	75.8	−1.6	Sikeston	101	[1] 10	2 stations	48	[1] 4	4.13	+0.08	Aurora	10.95	Concordia	0.88
Montana	65.5	−0.8	Bridger	104	9	Conway's Ranch	27	16	1.68	+0.06	Baker	5.17	Libby	0.04
Nebraska	73.4	−1.2	Alma	106	6	Fort Robinson	35	25	1.94	−1.46	Table Rock	5.91	North Platte	0.43
Nevada	74.5	+0.5	Clay City	118	29	Rye Patch	27	5	0.26	−0.11	Sharp	1.84	6 stations	0.00
New England	68.8	−0.2	Fitchburg, Mass	97	13	Garfield, Vt	34	6	4.31	+0.55	Hardwick, Mass	8.09	Block Island, R. I.	2.04
New Jersey	72.7	−1.0	2 stations	99	13	Charlotteburg	36	6	6.06	+1.27	Verona	9.34	Phillipsburg	2.95
New Mexico	72.8	+0.3	2 stations	108	21	Diener	30	1	2.76	+0.14	Cloudcroft	9.52	Orogrande	0.16
New York	68.6	−1.0	2 stations	99	13	Allegany State Park	31	5	4.88	+0.96	Mount Vernon	9.57	Voorheesville	1.86
North Carolina	75.5	−0.6	Weldon	102	29	Banners Elk	43	24	5.40	−0.65	Greensboro	10.54	Terra Ceia	1.43
North Dakota	65.4	−2.1	Hettinger	97	[1] 27	New England	28	2	2.85	+0.24	Dunn Center	6.99	Mayville	0.70
Ohio	72.6	−0.9	3 stations	99	[1] 1	Bangorville	39	4	4.54	+0.76	Lancaster	8.48	Willoughby	1.32
Oklahoma	80.0	−0.9	4 stations	108	[1] 7	3 stations	51	[1] 2	5.17	+2.09	Tishomingo	14.23	Chattanooga	1.00
Oregon	66.8	+0.3	2 stations	110	[1] 23	Fremont	23	4	0.17	−0.34	Crater Lake	1.21	20 stations	0.00
Pennsylvania	71.7	−0.2	Lebanon	100	13	West Bingham	29	5	4.97	+0.62	Lykens	11.82	Williamsport	1.81
South Carolina	78.3	−1.4	Garnett	104	1	Hogback Mountain	55	11	6.38	+0.47	Pinopolis	13.78	Hogback Mountain	2.65
South Dakota	69.2	−2.6	Wagner	102	[1] 8	2 stations	39	[1] 2	2.84	+0.09	Eureka	6.39	Yankton	0.57
Tennessee	77.3	0.0	Perryville	102	28	Crossville	46	6	4.01	−0.43	Crossville	9.18	Ashwood	0.90
Texas	82.7	−0.2	Clarendon	110	19	Denton	52	4	2.75	+0.14	Honey Grove	9.52	2 stations	0.00
Utah	72.3	+0.8	Hanksville	111	22	Panguitch	30	[1] 3	0.95	−0.03	Elkhorn (Fishlake)	4.75	2 stations	0.00
Virginia	74.7	−0.3	Winchester	104	15	Burkes Garden	40	24	4.95	+0.46	Rocky Mount	10.38	Mount Weather	0.99
Washington	66.9	+0.5	Wahluke	112	23	Bumping Lake	32	9	0.33	−0.37	Baker Lake	1.68	12 stations	0.00
West Virginia	72.3	−0.5	2 stations	100	[1] 1	2 stations	36	5	5.09	+0.42	Sutton	12.40	Upper Tract	1.65
Wisconsin	67.1	−2.2	Prairie du Chien	99	27	2 stations	32	[1] 3	4.26	+0.58	Rhinelander	8.16	Cuba	0.44
Wyoming	64.8	−1.0	Basin	102	[1] 18	South Pass City	24	1	1.52	+0.06	Colony	4.93	Green River	0.12
Alaska, June	53.4	+1.0	2 stations	85	[1] 13	Wonder Lake	24	12	2.96	+0.09	Chignik	19.23	Skagway	0.08
Hawaii	74.5	+0.4	Waialua Mill	94	[1] 15	2 stations	51	[1] 8	6.90	+0.93	Olokele (mauka)	32.60	7 stations	0.00
Porto Rico	78.7	−0.1	Canovanas	98	1	Aibonito	57	2	10.53	+3.88	Cepero	20.50	Coamo	3.08

[1] For description of tables and charts, see REVIEW.

[1] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, July, 1927*

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with .01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.		° F.	° F.		° F.	° F.	° F.	° F.	%	In.	In.		Miles								0-10	In.	In.
New England							68.5	−0.4										82	4.40	+0.8										6.1		
Eastport	76	67	85	29.89	29.97	+.04	58.8	−1.6	88	13	67	45	5	51	39	56	55	89	4.50	+1.1	17	5,587	s.	30	s.	8	4	8	19	7.5	0.0	0.0
Greenville, Me.	1,070	6	----	28.83	29.97	------	65.4	------	85	12	75	40	6	55	34	----	----	----	3.77	------	17	3,745	se.	23	------	4	7	8	16	----	----	----
Portland, Me.	103	82	117	29.87	29.99	+.04	66.8	−1.3	91	13	74	48	5	60	26	62	59	80	4.02	+0.8	19	5,626	sw.	32	nw.	4	14	5	12	5.4	0.0	0.0
Concord	289	70	79	29.67	29.97	+.01	69.4	+0.9	94	13	80	44	5	59	32	----	----	----	5.27	+1.5	14	3,424	se.	31	w.	13	8	14	9	5.9	0.0	0.0
Burlington	403	11	48	29.52	29.95	+.01	68.4	−1.9	89	13	78	49	9	59	31	----	----	----	3.31	−0.5	14	5,740	s.	33	sw.	17	4	10	17	7.1	0.0	0.0
Northfield	876	12	60	------	29.98	+.04	65.9	0.0	89	13	78	42	9	54	38	----	----	81	3.40	−0.3	14	4,454	s.	30	sw.	14	1	20	10	6.5	0.0	0.0
Boston	125	115	188	29.84	29.97	+.01	72.2	+0.5	95	13	80	53	5	64	24	65	62	78	4.77	+1.4	14	6,242	sw.	27	nw.	4	8	14	9	6.0	0.0	0.0
Nantucket	12	14	90	29.98	30.00	+.02	67.0	−0.8	81	26	73	55	6	62	19	64	62	90	6.55	+3.9	14	12,219	sw.	48	ne.	1	8	13	10	6.1	0.0	0.0
Block Island	26	11	46	29.95	29.98	+.01	68.0	−0.4	80	13	73	56	5	63	15	64	62	88	2.04	−1.3	17	11,469	sw.	46	ne.	1	6	15	10	5.7	0.0	0.0
Providence	160	215	251	29.82	29.99	+.02	72.0	−1.4	94	13	80	50	5	64	25	65	62	76	4.16	+0.6	16	7,979	s.	40	nw.	27	7	12	12	6.1	0.0	0.0
Hartford	159	122	----	29.81	29.98	+.01	72.5	+0.9	95	13	81	52	5	64	25	----	----	----	5.01	+0.9	11	------	s.	----	------	----	8	16	7	5.2	0.0	0.0
New Haven	106	74	153	29.88	29.99	+.02	72.4	+0.6	92	13	80	52	5	65	24	65	62	76	5.36	+0.6	11	6,405	sw.	35	ne.	1	8	15	8	5.9	0.0	0.0
Middle Atlantic States							73.8	−0.9										76	4.72	+0.3										5.5		
Albany	97	102	115	29.86	29.96	.00	72.5	−0.1	92	14	82	52	5	64	27	66	63	76	2.76	−1.1	15	4,893	s.	29	s.	17	10	15	6	5.1	0.0	0.0
Binghamton	871	10	84	29.07	29.98	+.01	70.5	+0.5	95	13	81	43	6	60	35	----	----	----	3.38	−0.2	15	3,714	e.	22	nw.	4	6	13	12	6.3	0.0	0.0
New York	314	414	454	29.66	29.99	+.01	72.9	−0.9	91	13	80	56	5	66	23	66	62	74	5.93	+1.4	11	10,545	s.	45	s.	4	5	16	10	5.9	0.0	0.0
Harrisburg	374	94	104	29.61	30.00	+.02	74.2	−0.6	94	13	84	55	5	65	27	66	62	71	3.63	−0.2	13	4,264	sw.	30	nw.	27	4	18	9	6.3	0.0	0.0
Philadelphia	114	123	184	29.88	30.00	+.02	75.8	−0.4	93	13	84	59	5	68	23	69	66	74	4.50	+0.2	9	6,217	sw.	30	sw.	7	7	13	11	5.7	0.0	0.0
Reading	325	81	98	29.64	29.98	------	74.7	------	96	13	84	55	5	66	24	66	61	68	3.82	−0.4	13	3,480	sw.	24	nw.	27	6	15	10	6.0	0.0	0.0
Scranton	805	111	119	29.15	30.00	+.02	71.2	+0.5	94	13	81	47	6	61	34	64	60	73	4.48	+0.6	15	4,380	s.	35	s.	21	7	13	11	6.2	0.0	0.0
Atlantic City	52	37	172	29.94	29.99	+.01	71.2	−0.9	91	29	76	55	1	66	20	67	64	82	5.30	+1.5	8	12,389	s.	50	s.	7	11	13	7	4.7	0.0	0.0
Cape May	17	13	49	------	------	------	72.8	−0.6	92	29	80	52	1	65	30	68	67	89	4.59	------	10	------	sw.	----	------	----	9	15	7	----	0.0	0.0
Sandy Hook	22	10	55	29.96	29.98	------	72.8	------	90	13	80	58	5	66	21	67	64	79	8.35	------	15	9,191	sw.	52	sw.	18	8	10	13	5.7	0.0	0.0
Trenton	190	159	183	29.79	29.99	------	74.2	------	95	13	83	53	5	65	25	68	65	77	4.40	−0.4	9	7,241	sw.	49	nw.	16	6	15	10	6.1	0.0	0.0
Baltimore	123	100	215	29.86	29.98	.00	77.2	0.0	96	14	86	58	1	69	24	68	63	66	1.41	−3.4	12	6,508	sw.	33	sw.	30	12	8	11	5.5	0.0	0.0
Washington	112	62	85	29.87	29.99	−.02	76.4	−0.4	96	14	86	56	5	67	27	69	65	74	1.32	−2.8	9	3,686	sw.	32	nw.	15	8	13	10	5.7	0.0	0.0
Cape Henry	18	8	54	30.00	30.02	------	76.6	------	96	29	85	55	6	68	26	70	68	79	7.89	+2.0	10	7,535	sw.	42	nw.	30	11	17	3	4.5	0.0	0.0
Lynchburg	681	153	188	29.30	30.02	+.01	75.6	−1.9	93	28	86	54	5	65	30	68	65	75	5.90	+1.9	14	3,833	w.	37	w.	29	8	18	5	5.0	0.0	0.0
Norfolk	91	170	205	29.94	30.04	+.04	76.8	−1.9	95	28	85	58	1	69	23	69	66	75	6.72	+0.9	11	8,310	s.	43	nw.	7	8	15	8	5.2	0.0	0.0
Richmond	144	11	52	29.88	30.02	+.01	76.0	−2.5	94	29	86	56	5	66	25	69	66	78	9.10	+4.7	12	4,929	sw.	40	se.	18	10	14	7	5.1	0.0	0.0
Wytheville	2,304	49	55	27.72	30.02	+.01	70.5	−2.1	88	1	81	51	5	60	28	64	62	78	4.47	0.0	14	3,374	w.	25	n.	2	11	13	7	4.6	0.0	0.0
South Atlantic States							78.3	−0.8										79	5.81	−0.2										5.8		
Asheville	2,255	70	84	27.75	30.03	+.01	72.2	+0.5	89	1	82	56	24	62	26	65	63	82	3.85	−0.9	15	3,983	se.	31	n.	7	6	18	7	5.6	0.0	0.0
Charlotte	779	55	62	29.21	30.03	+.01	78.5	+0.1	97	29	89	63	9	68	27	69	67	75	5.52	0.0	16	2,420	sw.	23	w.	28	5	18	8	5.8	0.0	0.0
Hatteras	11	11	50	30.04	30.04	+.03	77.0	−1.2	89	28	82	61	6	72	16	72	70	79	3.40	−2.7	9	8,811	sw.	32	sw.	30	13	13	5	4.1	0.0	0.0
Raleigh	376	103	110	29.64	30.02	.00	77.2	−1.6	96	29	87	59	5	68	26	70	68	78	3.91	−2.2	13	4,927	sw.	44	nw.	7	8	12	11	5.6	0.0	0.0
Wilmington	78	81	91	29.98	30.06	+.05	77.8	−1.3	93	28	85	59	1	70	21	73	71	83	6.42	−0.6	12	4,838	sw.	21	sw.	29	6	16	9	5.8	0.0	0.0
Charleston	48	11	92	30.01	30.06	+.03	80.6	−0.8	100	3	87	68	11	74	25	74	72	80	4.61	−2.6	17	6,188	sw.	32	n.	3	6	13	12	6.1	0.0	0.0
Columbia, S. C.	351	41	57	29.67	30.05	+.03	79.2	−1.7	96	28	88	65	19	70	25	71	68	78	6.11	0.0	16	4,100	s.	30	sw.	2	5	17	9	5.9	0.0	0.0
Due West	711	10	55	29.30	30.06	------	77.9	------	97	2	88	62	11	68	26	----	----	----	6.61	------	17	5,038	sw.	36	sw.	11	4	19	8	6.2	0.0	0.0
Greenville, S. C.	1,039	139	146	28.96	30.03	------	77.0	+0.1	97	1	86	61	10	68	29	69	67	78	5.57	------	18	4,995	w.	61	w.	1	3	17	11	6.3	0.0	0.0
Augusta	182	62	77	29.84	30.03	+.01	80.2	−1.1	100	1	90	64	6	71	26	74	72	82	9.41	+4.1	18	3,198	sw.	39	sw.	11	6	18	7	5.8	0.0	0.0
Savannah	65	150	194	29.99	30.06	+.03	80.7	−0.8	99	2	90	68	14	72	28	73	71	81	8.03	+1.8	15	6,738	w.	54	nw.	14	8	12	11	6.1	0.0	0.0
Jacksonville	43	209	245	30.02	30.07	+.04	81.2	−0.9	98	2	89	68	18	73	23	74	71	78	6.85	+0.6	20	7,117	sw.	46	sw.	14	8	13	10	5.7	0.0	0.0
Florida Peninsula							83.2	+1.3										75	4.94	−1.1										5.6		
Key West	22	10	64	30.03	30.05	+.02	84.8	+1.3	94	9	91	74	19	79	19	77	74	73	2.45	−1.1	12	6,532	se.	27	w.	1	10	15	6	5.0	0.0	0.0
Miami	25	71	79	30.05	30.08	------	82.1	+1.1	92	2	88	69	9	77	20	75	73	73	5.00	−1.2	13	6,034	e.	36	s.	9	1	25	5	5.9	0.0	0.0
Tampa	35	79	87	30.04	30.07	+.03	82.8	+1.6	94	28	91	68	20	74	23	75	73	80	7.36	−1.1	19	3,673	e.	33	e.	21	3	23	5	6.0	0.0	0.0
Titusville	44	5	----	30.03	30.08	------	82.4	------	102	2	93	68	1	72	30	----	----	----	5.52	------	13	------	sw.	----	------	----	9	10	12	5.4	0.0	0.0
East Gulf States							80.9	+0.2										75	4.18	−1.1										5.4		
Atlanta	1,173	190	216	28.84	30.05	+.03	77.6	−0.5	94	1	87	62	10	68	27	69	66	72	4.37	−0.4	15	5,935	nw.	36	nw.	8	9	9	13	5.6	0.0	0.0
Macon	370	78	87	29.65	30.04	+.02	80.0	−1.2	99	2	90	66	9	70	28	72	70	77	6.82	+2.2	18	3,807	s.	23	s.	20	3	18	10	6.1	0.0	0.0
Thomasville	273	49	58	29.76	30.05	+.02	81.6	−0.2	97	1	91	65	8	72	24	73	71	79	6.11	+0.8	18	2,563	sw.	28	sw.	8	5	10	16	6.6	0.0	0.0
Apalachicola	36	42	49	30.01	30.05	------	82.0	------	94	1	88	72	9	76	19	76	74	78	4.14	------	16	4,119	w.	26	se.	21	7	21	3	5.1	0.0	0.0
Pensacola	56	149	185	29.98	30.04	+.03	81.0	0.0	91	1	86	68	26	76	19	75	73	79	5.18	−2.1	14	7,239	s.	41	e.	17	6	16	9	6.0	0.0	0.0
Anniston	741	9	57	29.28	30.06	+.04	79.0	+1.1	95	1	90	60	24	68	30	----	----	----	2.17	−2.6	12	2,583	s.	20	nw.	12	14	13	4	3.9	0.0	0.0
Birmingham	700	11	48	29.30	30.05	+.04	80.1	−0.1	95	1	90	63	5	70	27	71	68	73	4.18	−0.5	14	3,552	s.	26	nw.	13	13	14	4	4.6	0.0	0.0
Mobile	57	125	161	29.98	30.04	+.03	82.6	+1.2	94	31	90	69	3	75	23	75	72	78	3.49	−3.6	13	5,562	sw.	58	se.	17	4	15	12	6.4	0.0	0.0
Montgomery	223	100	112	29.80	30.04	+.02	82.0	+0.3	97	2	91	68	9	73	26	73	70	73	2.99	−1.7	12	4,213	sw.	26	sw.	31	7	16	8	5.3	0.0	0.0
Corinth	469	6	----	------	------	------	80.5	------	98	28	92	59	24	69	31	----	----	----	1.92	------	5	------	s.	----	------	----	8	23	0	----	0.0	0.0
Meridian	375	87	95	29.64	30.02	.00	81.1	+0.7	95	15	91	67	5	71	26	72	69	72	3.20	−1.3	8	3,261	sw.	28	ne.	2	7	18	6	5.1	0.0	0.0
Vicksburg	247	65	73	29.78	30.05	+.05	81.1	−0.2	95	22	90	69	7	73	23	72	69	70	1.39	−3.0	9	3,552	w.	25	ne.	7	10	15	6	4.7	0.0	0.0
New Orleans	53	76	84	29.99	30.04	+.04	83.4	+1.0	96	11	91	71	17	76	22	76	74	76	6.06	−0.4	17	3,088	s.	24	e.	17	4	20	7	5.7	0.0	0.0
West Gulf States							82.3	−0.3										71	2.81	−0.3										4.1		
Shreveport	249	77	93	29.76	30.02	+.04	82.0	−1.2	98	18	91	66	24	73	27	73	70	74	6.67	+3.0	11	3,871	s.	28	ne.	8	17	11	3	3.7	0.0	0.0
Bentonville	1,303	11	44	------	------	------	75.6	−2.9	94	10	86	56	24	65	34	----	----	----	6.47	------	7	2,817	s.	14	se.	12	19	7	5	----	0.0	0.0
Fort Smith	457	79	94	29.53	30.00	+.03	80.0	−1.5	99	7	90	64	3	70	28	72	68	69	7.25	+3.4	7	4,252	e.	44	nw.	18	15	8	8	4.5	0.0	0.0
Little Rock	357	136	144	29.64	30.02	+.03	80.6	−0.3	96	17	90	65	24	71	26	71	67	68	1.09	−2.9	5	5,590	s.	33	sw.	14	17	9	5	4.0	0.0	0.0
Austin	605	136	148	29.39	30.00	------	84.0	0.0	101	19	94	71	10	74	25	----	----	----	1.20	−1.1	2	5,036	se.	27	s.	14	17	13	1	3.6	0.0	0.0
Brownsville	57	53	61	29.92	29.98	------	83.6	0.0	93	9	90	73	16	77	18	76	----	----	1.19	------	7	5,288	s.	26	s.	12	16	12	3	3.6	0.0	0.0
Corpus Christi	20	11	73	30.00	30.02	+.06	84.0	+1.3	94	18	90	75	4	78	18	77	74	77	0.08	−1.6	3	8,711	se.	31	se.	12	21	6	4	3.5	0.0	0.0
Dallas	512	220	227	29.47	30.01	------	82.5	------	97	18	92	67	2	74	30	----	----	----	4.81	------	7	7,651	s.	54	n.	1	16	9	6	3.5	0.0	0.0
Fort Worth	670	106	114	29.29	29.99	+.03	83.8	+0.2	102	18	94	66	1	74	26	71	66	61	1.53	−1.0	5	6,070	s.	34	n.	1	14	12	5	4.4	0.0	0.0
Galveston	54	106	114	29.98	30.04	+.06	83.8	+0.4	95	18	89	72	3	79	15	76	74	76	3.61	−0.4	15	6,466	s.	31	s.	14	10	19	2	4.2	0.0	0.0
Groesbeck	461	11	56	29.53	30.00	------	82.1	------	100	18	92	64	10	72	28	----	----	----	0.57	------	4	6,323	s.	28	se.	28	12	17	2	4.6	0.0	0.0
Houston	138	292	314	29.89	30.03	------	83.4	−0.3	97	31	92	69	8	75	25	----	----	----	4.81	+0.7	14	6,930	s.	54	n.	8	11	15	5	4.8	0.0	0.0
Palestine	510	64	72	29.50	30.02	+.05	81.5	−0.7	99	18	91	64	25	72	24	73	69	73	2.68	−0.3	6	4,635	s.	27	s.	28	7	19	5	5.0	0.0	0.0
Port Arthur	34	58	66	29.99	30.03	------	83.4	------	98	18	91	70	9	76	24	----	----	----	5.26	------	15	4,981	s.	27	ne.	18	13	11	7	4.5	0.0	0.0
San Antonio	693	119	132	29.28	29.99	+.04	84.8	+1.0	101	19	95	71	4	74	26	73	69	66	0.49	−1.7	5	5,010	s.	30	nw.	23	9	19	3	4.6	0.0	0.0
Taylor	583	55	63	29.44	30.05	+.09	83.2	+0.5	100	19	93	69	1	73	25	----	----	----	1.45	−1.2	3	5,387	s.	25	s	12	17	13	1	3.7	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, July, 1927*—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with .01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.		° F.	° F.		° F.	° F.	° F.	° F.	%	In.	In.		Miles								0-10	In.	In.
Ohio Valley and Tennessee							**75.6**	**−0.8**										**68**	**3.88**	**−0.1**										**5.0**		
Chattanooga	762	189	213	29.22	30.01	−.01	78.4	0.0	95	28	88	62	24	68	28	68	65	70	5.01	+1.1	11	4,441	sw.	39	nw.	2	9	20	2	5.1	0.0	0.0
Knoxville	995	102	111	29.00	30.03	+.01	77.9	+0.8	95	1	88	60	24	68	28	69	65	72	3.41	−0.8	10	4,112	sw.	38	nw.	7	9	18	4	4.7	0.0	0.0
Memphis	399	76	97	29.59	30.01	+.01	79.9	−0.8	96	11	88	65	24	72	23	70	66	64	1.58	−1.9	8	5,188	sw.	34	w.	30	18	7	6	3.9	0.0	0.0
Nashville	546	168	191	29.46	30.03	+.02	78.4	−0.7	95	28	88	60	5	68	27	69	64	67	1.59	−2.8	6	4,863	w.	35	nw.	15	14	12	5	4.5	0.0	0.0
Lexington	989	193	230	28.98	30.02	+.01	75.2	−0.7	95	28	84	55	5	66	27	----	----	----	2.95	−1.5	12	8,322	sw.	37	sw.	14	13	15	3	4.2	0.0	0.0
Louisville	525	188	234	29.45	30.02	+.02	76.4	−2.2	95	1	86	56	4	67	27	67	63	66	4.27	+0.5	8	6,602	sw.	56	sw.	28	12	13	6	4.6	0.0	0.0
Evansville	431	76	116	29.57	30.03	+.03	77.8	−0.9	96	1	87	55	4	68	25	68	64	65	3.62	−0.2	9	5,437	sw.	37	sw.	7	15	12	4	4.1	0.0	0.0
Indianapolis	822	194	230	29.14	30.01	+.02	74.2	−1.5	95	28	84	50	4	64	28	65	59	62	3.48	−0.6	9	7,163	sw.	44	w.	7	9	18	4	4.5	0.0	0.0
Royal Center	736	11	55	29.22	30.00	------	71.2	------	96	28	82	49	4	60	31	----	----	----	3.46	------	12	6,312	sw.	41	nw.	1	6	18	7	6.3	0.0	0.0
Terre Haute	575	96	129	29.39	30.00	------	75.2	------	97	28	85	51	4	65	29	66	62	67	1.90	------	8	5,929	sw.	35	nw.	6	11	12	8	5.1	0.0	0.0
Cincinnati	627	11	51	29.35	30.01	+.01	75.5	+0.4	95	28	86	55	5	65	28	66	62	69	3.09	−0.4	12	4,258	sw.	25	nw.	14	15	12	4	4.3	0.0	0.0
Columbus	822	179	222	29.16	30.01	+.01	73.7	−1.2	94	1	83	52	4	64	25	66	62	71	3.86	+0.2	12	5,996	s.	46	nw.	14	11	12	8	4.8	0.0	0.0
Dayton	899	137	173	29.07	30.00	------	74.8	−0.6	96	1	85	54	5	65	30	65	60	65	3.37	+0.1	11	5,564	sw.	33	nw.	14	7	20	4	5.0	0.0	0.0
Elkins	1,947	59	67	28.04	30.03	+.02	68.4	−1.9	87	13	80	41	5	57	35	62	60	80	7.35	+2.7	12	3,011	w.	36	w.	7	4	18	9	6.2	0.0	0.0
Parkersburg	637	77	82	29.38	30.03	+.02	74.4	−1.0	94	13	85	51	5	63	30	66	62	72	4.45	−0.2	13	3,434	se.	27	nw.	2	9	9	13	6.1	0.0	0.0
Pittsburgh	842	353	410	29.11	30.00	.00	73.0	−1.6	92	1	82	50	4	64	25	64	60	67	6.34	+1.9	13	6,964	sw.	44	sw.	14	7	12	12	6.1	0.0	0.0
Lower Lake Region							**70.4**	**−1.1**										**70**	**4.06**	**+0.7**										**4.9**		
Buffalo	767	247	280	29.15	29.96	−.01	68.2	−1.6	90	1	76	46	4	61	25	63	60	77	5.50	+2.4	13	9,738	sw.	72	sw.	7	10	10	11	5.2	0.0	0.0
Canton	448	10	61	29.48	29.94	------	67.4	−3.1	87	13	77	46	5	58	32	----	----	----	3.94	+0.7	17	5,107	sw.	30	w.	13	16	9	6	4.0	0.0	0.0
Oswego	335	76	91	------	29.96	.00	67.6	−2.8	91	13	75	52	4	61	25	----	----	76	3.36	+0.1	12	5,894	s.	25	nw.	4	11	9	11	----	0.0	0.0
Rochester	523	86	102	29.41	29.97	.00	70.3	−0.4	94	13	79	48	4	62	27	63	59	70	3.25	+0.2	17	5,713	w.	30	w.	17	10	10	11	5.7	0.0	0.0
Syracuse	597	97	113	29.35	29.99	+.02	69.4	−1.4	93	13	78	48	4	61	25	----	----	----	4.88	+1.2	15	5,732	s.	48	sw.	17	9	11	11	5.7	0.0	0.0
Erie	714	130	166	29.23	29.98	.00	70.6	−0.4	93	13	78	52	5	63	24	64	60	69	4.83	+1.6	15	4,648	nw.	18	se.	6	11	15	5	4.6	0.0	0.0
Cleveland	762	190	201	29.19	29.99	.00	71.6	+0.2	94	13	79	54	5	64	25	63	59	67	3.11	−0.4	12	7,793	n.	38	ne.	3	10	15	6	5.0	0.0	0.0
Sandusky	629	5	67	29.32	30.00	+.01	72.9	−0.5	97	13	82	52	5	64	29	----	----	----	5.65	+1.9	12	5,554	sw.	29	s.	21	5	17	9	5.6	0.0	0.0
Toledo	628	208	243	29.33	30.00	+.01	72.5	−0.7	94	13	82	52	20	64	26	64	60	68	2.48	−0.8	12	8,666	sw.	59	sw.	7	17	10	4	3.8	0.0	0.0
Fort Wayne	856	113	124	29.09	30.00	------	72.5	−1.0	95	1	83	54	4	62	29	64	59	66	2.91	------	13	5,590	sw.	38	nw.	6	14	14	3	4.0	0.0	0.0
Detroit	730	218	258	29.22	30.00	+.02	71.6	−0.5	93	28	80	53	4	63	24	63	58	65	3.59	+0.1	12	6,332	e.	42	nw.	12	9	13	9	5.4	0.0	0.0
Upper Lake Region							**66.3**	**−1.6**										**72**	**3.61**	**+0.5**										**4.7**		
Alpena	609	13	92	29.34	30.00	+.03	64.8	−1.1	87	13	75	42	4	55	31	59	56	73	1.86	−1.2	10	7,978	nw.	42	nw.	2	15	13	3	4.2	0.0	0.0
Escanaba	612	54	60	29.34	29.99	+.02	63.2	−2.8	86	28	72	43	4	55	29	58	55	74	4.33	+1.0	13	6,662	s.	35	n.	28	9	16	6	4.9	0.0	0.0
Grand Haven	632	54	89	29.32	29.98	.00	66.9	−1.8	91	1	75	44	4	58	25	61	57	71	2.33	−0.2	11	6,916	w.	36	sw.	12	14	10	7	4.4	0.0	0.0
Grand Rapids	707	70	87	29.24	29.99	+.01	71.2	−1.1	97	1	82	47	4	61	29	61	55	61	1.43	−1.2	10	3,987	nw.	32	nw.	11	9	14	8	5.3	0.0	0.0
Houghton	668	64	99	29.27	29.99	+.03	61.9	−3.6	89	1	71	46	3	52	25	----	----	----	7.98	+4.9	14	6,396	w.	34	n.	16	5	18	8	5.9	0.0	0.0
Lansing	878	11	62	29.07	29.99	------	69.4	−1.5	96	1	81	44	4	57	32	63	59	71	2.11	−1.1	12	3,172	nw.	21	nw.	11	14	12	5	4.2	0.0	0.0
Ludington	637	60	66	29.30	29.99	------	61.2	------	82	1	72	43	4	56	24	60	57	77	2.36	------	12	6,139	s.	34	sw.	11	20	7	4	3.1	0.0	0.0
Marquette	734	77	111	29.20	30.00	+.04	63.0	−1.9	91	1	72	46	3	54	29	59	56	78	6.15	+3.0	14	6,006	nw.	46	w.	1	5	14	12	6.3	0.0	0.0
Port Huron	638	70	120	29.30	29.99	+.01	68.2	−0.6	91	1	77	48	4	59	26	62	58	72	4.99	+2.2	12	6,829	ne.	46	w.	12	14	16	1	3.9	0.0	0.0
Sault Sainte Marie	614	11	52	29.31	30.00	+.03	62.4	−1.4	92	1	73	44	20	52	29	57	53	76	2.57	−0.2	10	5,211	nw.	35	nw.	17	13	14	4	4.5	0.0	0.0
Chicago	673	7	131	29.28	30.00	+.02	71.7	−0.8	95	28	79	56	3	64	25	63	59	69	2.94	−0.7	13	7,442	ne.	43	sw.	1	12	12	7	4.7	0.0	0.0
Green Bay	617	109	141	29.33	29.99	+.02	67.8	−2.2	90	1	78	46	4	58	27	61	56	69	2.99	−0.5	15	6,909	s.	35	sw.	1	11	14	6	4.9	0.0	0.0
Milwaukee	681	125	221	29.28	30.00	+.03	69.5	−0.6	94	1	78	52	3	62	26	61	56	66	2.24	−0.8	7	8,779	n.	55	nw.	11	15	11	5	4.2	0.0	0.0
Duluth	1,133	5	47	28.80	30.01	+.06	62.2	−1.7	83	25	73	44	4	52	29	56	53	79	5.00	+1.4	13	6,436	ne.	35	nw.	31	14	12	5	4.8	0.0	0.0
North Dakota							**66.0**	**−2.7**										**69**	**1.72**	**−1.2**										**4.4**		
Moorhead	940	50	58	28.99	29.99	+.05	66.0	−2.1	89	26	76	47	2	56	31	60	55	69	1.01	−2.7	7	4,967	n.	24	nw.	6	6	20	5	5.5	0.0	0.0
Bismarck	1,674	8	57	28.24	30.00	+.07	67.2	−2.6	90	27	78	42	2	56	31	59	54	67	2.26	+0.1	8	6,553	n.	39	w.	5	15	14	2	3.4	0.0	0.0
Devils Lake	1,478	11	44	28.44	30.00	+.07	64.6	−3.5	90	26	76	38	2	54	30	58	55	75	2.25	−1.5	11	5,529	nw.	30	n.	17	13	12	6	4.6	0.0	0.0
Ellendale	1,457	10	56	28.45	30.00	------	65.4	------	87	27	76	44	2	55	28	----	----	----	2.16	------	10	7,951	nw.	51	nw.	27	7	18	6	5.2	0.0	0.0
Grand Forks	833	12	89	------	------	------	66.2	------	90	26	76	44	2	56	33	60	----	----	1.85	------	8	------	nw.	36	se.	5	12	13	6	4.6	0.0	0.0
Williston	1,878	41	48	28.04	29.98	+.06	66.4	−2.5	90	7	78	43	2	54	39	58	53	65	1.34	−0.7	10	5,372	n.	40	w.	5	22	6	3	3.1	0.0	0.0
Upper Mississippi Valley							**73.3**	**−1.7**										**65**	**2.37**	**−1.3**										**4.8**		
Minneapolis	918	102	208	29.00	29.97	------	69.5	−2.8	90	27	79	51	3	60	25	----	----	----	1.86	−2.0	9	7,055	w.	35	nw.	12	8	14	9	5.6	0.0	0.0
St. Paul	837	236	261	29.10	29.99	+.04	68.3	−3.8	88	26	78	50	3	58	26	----	----	----	2.11	−1.3	10	7,344	sw.	62	sw.	27	4	20	7	5.4	0.0	0.0
La Crosse	714	11	48	29.23	29.98	+.02	69.6	−3.2	92	27	81	50	20	58	30	62	58	72	3.74	−0.3	12	2,609	s.	15	w.	9	8	17	6	5.4	0.0	0.0
Madison	974	70	78	28.99	30.01	+.04	70.4	−1.7	90	27	79	51	4	62	26	62	58	68	1.97	−2.0	9	5,146	nw.	28	nw.	11	10	14	7	5.0	0.0	0.0
Wausau	1,247	4	----	28.70	30.01	------	66.5	------	91	27	78	43	3	55	30	----	----	----	5.16	------	11	------	n.	----	----	----	11	8	12	5.6	0.0	0.0
Charles City	1,015	10	49	28.95	30.00	+.04	70.4	−1.9	94	27	82	48	3	58	33	62	57	64	1.70	−1.9	9	3,945	se.	23	s.	12	16	14	1	3.2	0.0	0.0
Davenport	606	71	79	29.34	29.99	+.02	74.6	−0.7	94	6	85	56	3	64	29	64	58	60	1.59	−2.0	6	4,235	nw.	22	nw.	6	10	13	8	4.9	0.0	0.0
Des Moines	861	84	97	29.10	29.99	+.03	75.3	−0.1	98	11	87	56	3	64	35	64	57	58	1.93	−1.9	6	4,965	n.	36	sw.	12	8	14	9	5.3	0.0	0.0
Dubuque	700	81	96	29.26	30.00	+.03	72.4	−1.7	93	27	83	52	20	62	29	63	58	62	0.84	−3.5	8	4,044	n.	20	s.	5	9	18	4	5.1	0.0	0.0
Keokuk	614	64	78	29.34	30.01	+.03	75.4	−1.5	93	6	85	56	4	66	28	66	61	63	1.33	−2.6	7	3,519	s.	28	nw.	21	12	12	7	4.9	0.0	0.0
Cairo	358	87	93	29.64	30.01	+.01	78.2	−1.4	94	12	87	59	4	70	23	69	65	69	2.63	−0.8	9	4,750	n.	33	w.	14	11	9	11	5.5	0.0	0.0
Peoria	609	11	45	29.36	30.02	+.04	73.7	−1.7	94	28	85	53	23	63	30	66	62	68	4.94	+2.0	10	3,213	s.	30	n.	21	15	10	6	4.1	0.0	0.0
Springfield, Ill.	636	10	91	29.33	30.00	+.02	75.8	−0.7	96	1	86	55	4	65	28	67	62	65	3.17	+0.3	8	5,049	sw.	27	n.	21	14	11	6	4.1	0.0	0.0
Hannibal	534	74	109	29.44	30.00	+.02	75.6	−1.2	93	28	85	58	23	66	29	----	----	----	2.51	−1.2	10	4,981	sw.	46	w.	6	13	12	6	4.4	0.0	0.0
St. Louis	568	265	303	29.41	30.00	+.01	77.6	−1.0	97	28	86	56	4	69	27	67	63	65	2.79	−0.6	8	6,427	n.	31	sw.	7	16	9	6	4.2	0.0	0.0
Missouri Valley							**74.4**	**−1.4**										**62**	**3.08**	**−0.8**										**3.8**		
Columbia, Mo.	784	11	84	29.19	30.00	+.02	74.8	−2.1	94	27	85	55	23	65	31	----	----	----	3.07	−0.6	10	4,120	s.	44	nw.	6	12	14	5	4.3	0.0	0.0
Kansas City	963	161	181	28.99	30.00	+.03	77.0	−1.1	95	6	86	60	23	68	24	67	62	62	2.33	−2.5	7	6,080	s.	51	n.	13	15	12	4	3.8	0.0	0.0
St. Joseph	967	11	49	28.98	29.98	------	77.2	------	96	6	88	57	23	67	31	67	62	64	3.17	------	8	4,421	sw.	28	nw.	13	19	9	3	3.1	0.0	0.0
Springfield, Mo.	1,324	98	104	28.61	29.99	+.01	74.8	−2.0	92	10	83	59	23	66	25	67	63	69	6.80	+2.0	10	5,406	s.	42	nw.	16	22	6	3	2.7	0.0	0.0
Iola	984	11	50	28.98	30.00	+.03	76.9	−1.3	102	10	88	58	24	65	35	----	----	----	4.68	+0.3	8	2,887	s.	19	n.	21	15	11	5	4.2	0.0	0.0
Topeka	987	92	107	------	------	------	76.6	−1.2	99	10	87	61	2	67	32	----	----	----	6.23	+1.4	8	5,309	sw.	46	nw.	28	14	11	6	4.1	0.0	0.0
Lincoln	1,189	11	84	28.76	29.99	+.04	76.4	−0.1	100	6	88	57	2	65	35	65	59	59	1.88	−2.0	8	6,170	s.	45	nw.	16	11	15	5	4.9	0.0	0.0
Omaha	1,105	115	122	28.84	30.00	+.05	76.8	+0.1	99	6	87	62	17	67	32	65	58	56	2.92	−1.4	5	5,196	se.	33	nw.	16	21	6	4	3.2	0.0	0.0
Valentine	2,598	47	54	27.36	30.03	+.10	71.2	−2.5	94	26	84	51	29	58	36	61	55	60	1.72	−1.7	7	5,600	w.	29	nw.	15	16	13	2	3.5	0.0	0.0
Sioux City	1,135	94	164	28.82	30.00	+.05	73.8	−0.5	96	27	85	57	14	63	30	64	58	62	1.81	−1.8	7	7,056	s.	40	nw.	31	13	17	1	4.0	0.0	0.0
Huron	1,306	59	74	28.64	30.01	+.07	69.8	−2.0	95	10	82	49	2	58	36	62	58	65	4.02	+1.1	7	6,347	nw.	35	e.	16	11	18	2	4.0	0.0	0.0
Pierre	1,572	70	75	------	30.01	+.08	72.4	−2.9	101	26	84	53	2	61	37	----	----	58	0.97	−1.4	7	6,117	e.	38	ne.	15	18	11	2	----	0.0	0.0
Yankton	1,233	49	57	28.70	29.99	+.05	72.6	−1.6	96	27	85	54	29	60	35	----		--	0.57	−3.0	6	4,501	w.	28	nw.	31	9	21	1	4.3	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, July, 1927*—Continued

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with .01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	°F.		°F.	° F.		°F.	° F.	° F.	° F.	%	In.	In.		Miles								0-10	In.	In.
Northern Slope							67.6	−0.3										51	1.51	−0.1										4.0		
Billings	3,140	5					68.6		101	9	85	42	1	52	47				1.51		7		nw.				17	5	9		0.0	0.0
Havre	2,505	11	44	27.41	30.01	+.10	68.6	+0.3	96	25	82	46	1	55	38	58	52	62	3.81	+1.9	13	3,826	e.	38	sw.	25	15	15	1	3.6	0.0	0.0
Helena	4,110	87	112	25.88	29.99	+.06	67.4	+1.7	92	8	81	40	1	54	39	55	47	55	1.08	0.0	6	5,916	sw.	36	sw.	4	16	7	8	4.1	0.0	0.0
Kalispell	2,973	48	56	26.97	29.97	+.04	65.2	+1.1	91	23	79	43	1	51	37	53	44	56	0.77	−0.1	7	4,358	nw.	26	w.	9	20	9	2	3.3	0.0	0.0
Miles City	2,371	48	55	27.52	30.02	+.10	71.6	−1.3	98	9	84	52	6	59	37	60	52	55	1.32	0.0	10	4,243	ne.	60	nw.	19	15	13	3	3.6	0.0	0.0
Rapid City	3,259	50	58	26.70	30.03	+.13	68.2	−2.8	90	20	79	46	2	57	36	59	54	62	2.75	+0.2	12	5,463	w.	47	n.	20	8	16	7	4.7	0.0	0.0
Cheyenne	6,088	84	101	24.17	30.03	+.11	64.9	−1.8	87	20	77	44	1	53	36	53	47	60	2.66	+0.7	17	7,110	s.	44	nw.	11	11	12	8	5.0	0.0	0.0
Lander	5,372	60	68	24.77	30.01	+.09	67.6	+0.2	95	19	83	44	16	53	41	52	42	47	0.37	−0.5	6	3,948	sw.	42	sw.	2	12	14	5	4.2	0.0	0.0
Sheridan	3,790	10	47	26.18	30.02		65.8		93	9	80	44	6	52	42	58	53	67	0.92		9	3,016	nw.	27	nw.	27	14	13	4	4.1	0.0	0.0
Yellowstone Park	6,241	11	48	24.02	30.03	+.11	60.8	−0.7	87	18	76	33	16	45	42	48	40	55	0.42	−0.8	8	5,063	s.	35	s.	2	14	16	1	3.9	0.0	0.0
North Platte	2,821	11	51	27.15	30.02	+.09	73.8	+0.9	97	8	87	50	17	61	39	62	56	60	0.43	−2.2	9	4,374	se.	31	ne.	8	19	6	6	3.6	0.0	0.0
Middle Slope							76.2	−1.0										61	3.31	+0.3										4.2		
Denver	5,292	106	113	24.88	30.03	+.12	71.2	−1.0	95	17	83	54	1	59	39	57	49	55	2.36	+0.7	9	5,027	s.	35	nw.	28	10	14	7	4.9	0.0	0.0
Pueblo	4,685	80	86	25.41	30.01	+.10	74.0	−0.2	96	17	88	53	1	60	40	58	51	56	1.86	−0.1	11	4,995	e.	37	s.	8	13	14	4	4.5	0.0	0.0
Concordia	1,392	50	58	28.56	30.00	+.05	76.5	−1.5	98	6	87	57	2	66	34	65	60	60	4.27	+0.6	7	4,663	s.	32	sw.	28	16	10	5	3.9	0.0	0.0
Dodge City	2,509	11	51	27.47	30.01	+.08	77.3	−1.1	100	18	90	58	1	65	32	65	59	60	4.19	+0.8	9	6,303	se.	40	se.	26	20	8	3	3.1	0.0	0.0
Wichita	1,358	139	158	28.59	29.98	+.02	78.0	−1.4	97	16	88	61	1	68	29	68	64	66	3.85	+0.2	9	7,527	s.	42	n.	28	15	12	4	4.1	0.0	0.0
Broken Arrow	765	11	56	29.20	30.02		77.7		96	10	87	60	24	68	28				5.44		10	6,876	s.	41	nw.	18	16	7	8	4.3	0.0	0.0
Oklahoma City	1,214	10	47	28.74	29.99	+.03	80.0	−0.6	98	10	90	61	24	70	28	70	66	68	3.31	−0.3	8	6,239	s.	42	sw.	31	14	10	7	4.3	0.0	0.0
Southern Slope							81.2	0.0										57	1.59	−0.9										4.0		
Abilene	1,738	10	52	28.21	29.97	+.04	83.1	+0.3	101	20	95	65	3	71	30	69	63	59	1.89	−0.5	7	6,081	s.	33	sw.	12	12	12	7	4.5	0.0	0.0
Amarillo	3,676	10	49	26.36	30.00	+.08	78.2	+1.4	103	20	91	57	3	66	34	64	57	57	1.68	−1.5	11	6,579	s.	27	s.	28	16	8	7	4.5	0.0	0.0
Del Rio	944	64	71	28.97	29.93	+.03	84.6	−1.7	103	19	94	67	14	75	29	72	66	61	1.67	−0.6	9	6,613	se.	37	n.	14	15	13	3	4.0	0.0	0.0
Roswell	3,566	75	85	26.42	29.94	+.06	79.0	+0.1	100	20	92	59	2	66	35	63	54	51	1.13	−1.0	9	5,378	s.	39	ne.	12	17	14	0	3.2	0.0	0.0
Southern Plateau							80.2	+1.3										47	0.82	−0.4										3.5		
El Paso	3,778	152	175	26.21	29.88	+.04	83.0	+1.9	102	15	95	64	24	72	31	64	52	42	2.52	+0.4	6	6,818	e.	37	ne.	15	18	12	1	3.6	0.0	0.0
Santa Fe	7,013	338	53	23.42	29.92	+.04	70.4	+1.4	92	16	82	51	1	58	31	55	47	51	1.06	−1.6	8	4,267	se.	23	se.	8	8	20	3	5.1	0.0	0.0
Flagstaff	6,907	10	59	23.50	29.91	+.08	66.4	+1.4	89	17	82	40	1	51	42	52		55	2.39		13	5,050	nw.	35	ne.	17	10	16	5		0.0	0.0
Phoenix	1,108	10	82	28.69	29.80	+.02	91.3	+1.5	112	21	105	65	1	78	40	69	56	37	0.24	−0.8	2	4,070	w.	34	s.	3	14	17	0	3.8	0.0	0.0
Yuma	141	9	54	29.66	29.80	+.04	91.8	+1.0	114	17	106	67	1	77	41	73	65	49	0.18	+0.1	2	3,734	sw.	29	se.	18	24	6	1	1.6	0.0	0.0
Independence	3,957	5	25	25.96	29.90	+.07	78.5	+0.4	103	13	97	48	4	60	45	56			0.10	0.0	1		nw.				19	9	3		0.0	0.0
Middle Plateau							74.4	+2.0										36	0.46	−0.1										2.6		
Reno	4,532	74	81	25.52	29.92	+.05	72.2	+4.7	97	22	90	45	4	54	47	52	37	35	0.13	−0.2	3	5,214	w.	33	se.	22	26	5	0	1.3	0.0	0.0
Tonopah	6,090	12	20				75.1		92	12	87	57	4	63	29	53	33	25	0.05		1		se.									
Winnemucca	4,344	18	56	25.64	29.95	+.05	72.4	+1.8	99	22	92	45	7	53	49	54	42	42	0.21	0.0	1	4,558	w.	33	nw.	29	26	5	0	2.2	0.0	0.0
Modena	5,473	10	43	24.69	29.91	+.05	71.9	+1.3	95	18	88	46	1	56	41	53	38	39	1.17	−0.1	7	8,130	sw.	47	sw.	2	19	10	2	3.0	0.0	0.0
Salt Lake City	4,360	163	203	25.65	29.92	+.02	78.2	+2.5	100	18	90	52	5	66	32	57	43	33	0.22	−0.3	2	5,607	s.	42	e.	23	18	11	2	2.9	0.0	0.0
Grand Junction	4,602	60	68	25.45	29.97	+.08	77.2	−0.5	99	17	90	57	5	64	35	59	48	43	0.58	+0.1	9	4,582	se.	39	se.	3	15	14	2	3.5	0.0	0.0
Northern Plateau							73.0	+2.0										38	0.29	−0.2										2.5		
Baker	3,471	48	53	26.50	30.01	+.06	66.5	+0.9	92	23	82	39	5	50	40	53	41	45	0.10	−0.3	2	4,059	se.	23	sw.	31	20	8	3	2.6	0.0	0.0
Boise	2,739	78	86	27.15	29.94	+.01	74.8	+1.9	99	23	91	46	5	59	39	56	42	37	T.	−0.2	0	3,441	nw.	30	w.	26	24	5	2	1.9	0.0	0.0
Lewiston	757	40	48	29.18	29.97	+.02	75.2	+1.2	106	24	92	50	1	59	43				0.46	0.0	3	2,295	e.	24	ne.	31	21	9	1	2.0	0.0	0.0
Pocatello	4,477	60	68	25.52	29.92	.00	73.6	+2.8	98	18	89	42	5	58	42	53	38	34	0.64	0.0	2	6,066	s.	33	sw.	3	14	16	1	3.5	0.0	0.0
Spokane	1,929	101	110	27.97	29.98	+.03	71.4	+2.4	100	24	86	50	5	57	37	56	44	43	0.55	−0.1	3	3,974	s.	36	n.	30	17	11	3	3.0	0.0	0.0
Walla Walla	991	57	65	28.92	29.97	.00	76.6	+2.6	105	23	90	54	5	64	37	57	41	33	0.01	−0.4	1	3,590	w.	21	n.	31	23	7	1	1.9	0.0	0.0
North Pacific Coast Region							63.2	+1.2										68	0.31	−0.4										4.9		
North Head	211	11	56	29.90	30.13	+.05	57.4	+0.2	68	23	60	51	28	54	16	55	53	89	0.25	−0.4	7	10,074	n.	37	n.	20	2	5	24	8.6	0.0	0.0
Port Angeles	29	8	53	30.09	30.12		58.9		88	23	67	45	27	50	33				0.11	−0.3	3	4,046	nw.	19	w.	7	14	7	10	4.7	0.0	0.0
Seattle	125	215	250	29.95	30.08	+.04	65.2	+2.1	91	23	75	53	30	56	32	57	51	66	0.10	−0.5	2	4,717	nw.	34	sw.	11	12	14	5	4.3	0.0	0.0
Tacoma	194	172	201	29.89	30.09	+.03	65.1	+2.3	89	16	75	50	10	55	33				0.03	−0.6	2	5,420	n.	39	sw.	16	10	13	8	5.1	0.0	0.0
Tatoosh Island	86	9	53	30.01	30.11	+.06	54.8	−0.3	67	23	58	47	16	52	15	53	53	94	0.71	−1.1	11	7,163	s.	34	s.	24	4	11	16	7.3	0.0	0.0
Yakima	1,071	5					73.2		102	23	90	44	5	56	44	58		49	0.08		1		nw.				19	10	2	2.8	0.0	0.0
Medford	1,425	4					71.9		104	23	91	43	5	53	46	58	49	53	0.34		1		nw.				24	6	1		0.0	0.0
Portland, Oreg	153	68	106	29.91	30.07	+.02	68.6	+1.9	101	23	79	53	10	58	34	59	54	63	0.95	+0.3	2	4,422	nw.	19	nw.	22	13	12	6	4.3	0.0	0.0
Roseburg	510	9	57	29.52	30.06	+.03	68.2	+0.8	98	23	82	47	5	54	38	58	50	59	T.	−0.3	0	3,722	n.	20	n.	21	23	7	1	2.3	0.0	0.0
Middle Pacific Coast Region							67.8	+0.9										65	T.	0.0										2.9		
Eureka	62	73	89	30.02	30.09	+.04	55.6	+0.1	62	24	59	48	28	52	10	53	51	88	0.00	−0.1	0	5,396	n.	30	n.	11	3	14	14	6.8	0.0	0.0
Red Bluff	332	50	56	29.54	29.88	−.01	83.1	+2.3	109	13	100	54	3	67	40	62	45	33	0.00	0.0	0	3,398	se.	20	nw.	12	29	2	0	0.6	0.0	0.0
Sacramento	69	106	117	29.82	29.89	+.01	74.5	+1.3	107	12	92	53	16	57	44	61	52	55	0.00	0.0	0	6,205	s.	27	s.	2	29	2	0	0.5	0.0	0.0
San Francisco	155	208	243	29.81	29.98	+.03	58.6	+0.1	72	4	65	50	21	52	22	54	51	83	T.	0.0	0	6,227	w.	35	w.	9	12	14	5	4.5	0.0	0.0
San Jose	141	12	110	29.82	29.97		67.4	+0.5	94	22	81	47	8	53	39				T.	0.0	0	4,827	nw.	22	nw.	2	26	5	0	2.0	0.0	0.0
South Pacific Coast Region							72.0	+0.9										62	T.	0.0										1.8		
Fresno	327	89	98	29.54	29.88	+.05	82.8	+0.7	106	22	100	58	4	66	38	61	44	32	0.00	0.0	0	6,082	nw.	23	nw.	2	30	1	0	0.3	0.0	0.0
Los Angeles	338	159	191	29.58	29.94	+.04	72.1	+1.9	92	18	83	56	31	62	28	61	55	64	T.	0.0	0	3,614	sw.	17	w.	21	23	8	0	1.8	0.0	0.0
San Diego	87	62	70	29.84	29.94	+.02	69.2	+2.0	81	22	74	59	5	64	17	64	61	80	0.00	0.0	0	4,938	nw.	23	nw.	5	23	7	1	2.5	0.0	0.0
San Luis Obispo	201	32	40	29.78	30.00	+.05	63.8	−0.9	90	21	76	46	4	52	36	55	51	73	T.	0.0	0	2,734	nw.	11	s.	12	26	5	0	2.4	0.0	0.0
West Indies																																
San Juan, P. R.	82	9	54	29.94	30.03		79.9	−0.2	90	1	85	71	31	75	15				10.54	+4.1	26	8,973	e.	52	e.	31	1	20	10	6.7	0.0	0.0
Panama Canal																																
Balboa Heights	118	7	97	29.74	29.86	+.02	80.6	+0.3	90	10	86	71	25	75	16	76	75		8.22	+0.9	23	5,033	nw.	34	s.	16	0	10	21	7.9	0.0	0.0
Colon	38	7	97	29.83	29.87	+.01	81.0	+0.6	89	2	86	73	17	76	14	76	76		18.64	+2.8	31	6,234	w.	26	ne.	31	1	2	28	9.0	0.0	0.0
Alaska																																
Juneau	80	11	54	[1]30.04	[1]30.13		58.8		83	3	67	45	1	51	29	54	51	78	1.40		15	4,667	s.	26	nw.	1	8	9	14	6.6	0.0	0.0
Hawaiian Islands																																
Honolulu	38	86	100	[1]30.01	[1]30.05		77.2		84	14	81	70	10	73	12	69	66	69	2.37	+1.2	22	8,269	e.	32	e.	26	7	19	5	5.4	0.0	0.0

[1] Pressure not corrected to mean of 24 hours.

TABLE 2.—*Data furnished by the Canadian Meteorological Service, July, 1927*

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure: Station reduced to mean of 24 hours	Pressure: Sea level reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max.+mean min.÷2	Temperature of the air: Departure from normal	Temperature of the air: Mean maximum	Temperature of the air: Mean minimum	Temperature of the air: Highest	Temperature of the air: Lowest	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Total snowfall
	Feet	*Inches*	*Inches*	*Inches*	° *F.*	° *F.*	° *F.*	° *F.*	° *F.*	° *F.*	*Inches*	*Inches*	*Inches*
St. Johns, N. F.	125												
Sydney, C. B. I.	48	29.98	30.03	+0.10	65.8	+3.5	74.9	56.8	85	41	4.18	+0.53	0.0
Halifax, N. S.	88	29.79	29.89	−.07	63.2	−0.2	70.6	55.9	82	49	5.19	+1.14	0.0
Yarmouth, N. S.	65	29.88	29.95	.00	61.2	+1.7	67.9	54.4	79	43	5.13	+1.66	0.0
Charlottetown, P. E. I.	38	29.92	29.96	+.06	67.6	+3.5	74.5	60.7	83	50	3.52	+0.03	0.0
Chatham, N. B.	28	29.84	29.87	−.01	66.4	+1.4	77.0	55.9	87	41	5.41	+1.22	0.0
Father Point, Que.	20												
Quebec, Que.	296	29.62	29.94	+.03	67.6	+2.1	76.4	58.8	88	46	7.36	+3.10	0.0
Montreal, Que.	187	29.71	29.91	−.02	69.1	+0.6	77.5	60.8	85	47	3.94	−0.35	0.0
Stonecliffe, Ont.	489												
Ottawa, Ont.	236	29.68	29.94	.00	68.2	−1.3	78.2	58.1	87	47	5.18	+1.71	0.0
Kingston, Ont.	285												
Toronto, Ont.	379	29.55	29.94	−.03	68.8	+0.8	78.3	59.3	91	47	5.87	+2.95	0.0
Cochrane, Ont.	930												
White River, Ont.	1,244	28.65	29.94	.00	58.9	−0.6	73.8	44.1	90	32	6.54	+3.74	0.0
Port Stanley, Ont.	592												
Southampton, Ont.	656	29.28	29.99	+.02	63.7	−1.0	73.0	54.5	86	44	3.58	+1.60	0.0
Parry Sound, Ont.	688	29.27	29.95	−.01	65.4	−0.6	74.7	56.2	91	42	2.47	−0.15	0.0
Port Arthur, Ont.	644												
Winnipeg, Man.	760	29.16	29.98	+.05	65.5	−0.5	76.7	54.3	90	42	1.14	−1.94	0.0
Minnedosa, Man.	1,690												
Le Pas, Man.	860				63.0		75.1	50.9	93	35	2.04		0.0
Qu'Appelle, Sask.	2,115	27.75	29.96	+.04	62.4	−1.1	73.3	51.5	88	38	5.87	+3.39	0.0
Medicine Hat, Alb.	2,144	27.71	29.92	+.02	68.5	+0.7	81.1	55.9	95	45	5.43	+3.34	0.0
Moose Jaw, Sask.	1,759				65.5		78.1	52.9	94	40	2.16		0.0
Swift Current, Sask.	2,392	27.46	29.94	+.03	65.3	−1.2	78.8	51.9	92	43	3.47	+1.03	0.0
Calgary, Alb.	3,428	26.54	30.07	+.17	59.9	−0.7	72.1	47.7	85	40	9.66	+6.98	0.0
Banff, Alb.	4,521	25.51	30.03	+.13	56.9	+0.3	70.8	43.1	89	34	2.96	−0.28	0.0
Edmonton, Alb.	2,150	27.72	29.97	+.07	61.4	+0.8	72.3	50.5	88	38	4.25	+1.22	0.0
Prince Albert, Sask.	1,450	28.46	30.01	+.10	64.0	+2.1	75.0	53.0	90	43	3.81	+1.76	0.0
Battleford, Sask.	1,592	28.28	29.99	+.09	64.5	−0.2	75.8	53.2	91	39	3.94	+1.60	0.0
Kamloops, B. C.	1,262												
Victoria, B. C.	230	29.83	30.08	+.03	59.9	−0.1	67.5	52.2	89	50	0.21	−0.19	0.0
Barkerville, B. C.	4,180												
Triangle Island, B. C.	680												
Prince Rupert, B. C.	170												
Hamilton, Ber.	151												

LATE REPORTS, JUNE, 1927

Sydney, C. B. I.	48	29.90	29.95	.00	53.9	−1.5	64.3	43.5	81	36	3.30	+0.07	0.0
Halifax, N. S.	88	29.71	29.81	−.14	55.0	−2.7	63.9	46.1	74	38	14.14	+10.38	0.0
Yarmouth, N. S.	65	29.84	29.91	−.04	54.4	−0.6	62.4	46.4	79	37	1.30	−1.63	0.0
Charlottetown, P. E. I.	38	29.86	29.90	−.02	56.7	−0.7	64.6	48.7	76	39	1.30	−1.37	0.0
Chatham, N. B.	28	29.81	29.84	−.05	55.9	−4.1	67.4	44.3	83	32	4.56	+1.10	0.0
Father Point, Que.	20	29.86	29.88	+.01	52.7	−0.3	61.5	43.9	73	32	1.16	−1.82	0.0
Medicine Hat, Alb.	2,144	27.57	29.78	−.07	62.8	+0.8	75.0	50.6	89	39	1.31	−1.45	0.0
Calgary, Alb.	3,428	26.41	29.94	+.10	56.0	0.0	68.5	43.6	81	33	4.40	+1.95	0.0
Banff, Alb.	4,521	25.37	29.88	+.04	52.6	+1.1	65.4	39.7	80	29	1.74	−1.59	0.0
Edmonton, Alb.	2,150	27.58	29.83	−.01	57.5	+0.6	68.5	46.5	81	35	3.10	+0.24	0.0
Kamloops, B. C.	1,262	28.65	29.91	+.04	66.7	+2.9	78.9	54.6	93	43	2.97	+1.55	0.0
Victoria, B. C.	230	29.75	30.00	−.01	57.8	+1.5	65.0	50.6	82	47	0.84	−0.36	0.0
Barkerville, B. C.	4,180	25.66	29.93	+.06	51.3	+0.6	61.9	40.8	77	34	4.11	+0.63	0.0
Prince Rupert, B. C.	170				54.8		63.1	46.5	78	40	2.91		0.0
Hamilton, Ber.	151	29.95	30.11	−.01	75.1	+0.1	81.8	68.5	87	61	7.84	+1.89	0.0