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, June, 1932

[For description of tables and charts, see REVIEW, January, p. 37]

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	79.0	+0.8	Eufaula	102	23	St. Bernard	55	3	5.00	+0.60	Mentone	9.01	Greensboro	1.96
Arizona	75.5	−1.7	Gila Bend	120	27	2 stations	22	[1] 2	0.34	−0.02	Crown King	2.51	9 stations	0.00
Arkansas	78.9	+2.0	2 stations	103	[1] 19	Dutton	50	11	4.86	+0.76	Center Point	9.15	Blytheville	0.75
California	67.7	+0.2	Greenland Ranch	120	24	Twin Lakes	16	6	0.18	−0.14	Seven Oaks	1.79	84 stations	0.00
Colorado	60.9	−0.9	Fruita	101	24	2 stations	18	[1] 7	1.60	+0.12	Springfield	7.85	Delta	0.12
Florida	80.1	+0.3	2 stations	102	[1] 22	Garniers (near)	59	5	8.34	+1.69	Jacksonville	23.32	Arcadia	3.43
Georgia	78.5	+0.6	Millen	107	24	2 stations	46	[1] 1	6.52	+2.04	Meldrim	16.07	Griffin	2.22
Idaho	61.7	+0.8	Indian Cove	105	22	Atlanta	24	1	1.35	+0.15	Felt	4.18	Potlatch	0.01
Illinois	73.8	+2.2	Sparta	102	18	Kankakee	41	9	3.97	+0.01	Quincy	8.97	Carmi	1.03
Indiana	72.9	+1.6	Edwardsport	100	30	Wheatfield	37	9	4.64	+0.76	Vevay (near)	8.80	Mount Vernon	0.66
Iowa	72.0	+3.0	Guthrie Center	99	7	3 stations	48	[1] 9	5.17	+0.59	Oskaloosa	12.29	Rock Rapids	2.12
Kansas	73.4	+0.6	Winfield	105	17	2 stations	45	[1] 1	5.73	+1.65	Tribune	11.48	Republic	2.16
Kentucky	74.8	+1.0	Greenville	103	22	Farmers	40	9	4.88	+0.63	Burnside	8.77	Uniontown	1.03
Louisiana	81.5	+1.5	Alexandria	104	8	2 stations	58	13	2.92	−1.90	Abbeville	8.60	Port Eads	0.17
Maryland-Delaware	70.8	0.0	2 stations	95	[1] 4	Grantsville, Md	30	8	3.81	−0.14	Friendsville, Md	6.80	Frederick, Md	1.24
Michigan	65.9	+2.3	Howard City	98	6	Wolverine	28	8	2.38	−0.74	Atlanta	6.59	Deer Park	0.40
Minnesota	68.3	+4.4	Mapleplain	101	6	2 stations	34	[1] 10	2.73	−1.33	Tracy	6.56	Detroit Lakes	0.67
Mississippi	80.5	+1.7	Columbus	105	23	Water Valley	58	11	3.43	−0.76	Grenada	9.97	Woodville	1.28
Missouri	75.2	+2.0	Campbell	103	24	Kirksville	47	5	4.95	+0.08	Joplin	14.12	Caruthersville	1.57
Montana	61.7	+2.0	Crow Agency	101	22	Pleasant Valley (near).	26	5	3.07	+0.37	Adel (near)	9.15	Lonepine	0.33
Nebraska	70.2	+1.2	Alma	103	30	2 stations	36	[1] 3	4.25	+0.47	Hastings	8.81	Hull (near)	0.50
Nevada	66.5	+0.8	Las Vegas	113	[1] 23	Sharp	22	6	1.00	+0.54	San Jacinto	3.15	Beatty	0.02
New England	63.6	−0.2	2 stations	94	[1] 20	Garfield, Vt	23	8	2.46	−0.89	Cream Hill, Conn	8.59	Shelburne Falls, Mass.	0.91
New Jersey	69.3	+0.8	Newton	98	5	2 stations	30	8	3.68	+0.02	Sussex	6.59	Flemington	1.83
New Mexico	67.1	−1.6	Orogrande	110	13	4 stations	22	[1] 1	1.56	+0.21	Bueyeros	7.49	8 stations	0.00
New York	64.9	+0.2	Scarsdale	95	5	Indian Lake	25	8	3.23	−0.47	Rifton	7.53	Hemlock	0.50
North Carolina	74.5	+0.7	3 stations	100	[1] 22	Mount Mitchell	42	[1] 1	4.74	−0.05	Mount Holly	8.44	Aenona	1.00
North Dakota	67.0	+4.5	2 stations	98	24	Willow City	34	30	3.83	+0.38	Powers Lake	8.22	Hillsboro	1.11
Ohio	71.0	+1.9	do	96	[1] 5	Millport	34	8	3.79	−0.07	Franklin	8.57	Toledo	1.11
Oklahoma	77.1	−0.1	Altus	106	18	Boise City	45	[1] 1	7.50	+3.85	Meeker	18.87	Goodwell	2.70
Oregon	61.2	+1.7	Blitzen	113	28	Seneca	13	6	0.49	−0.71	Danner	2.38	4 stations	0.00
Pennsylvania	68.5	+0.6	Lewisburg	98	[1] 7	2 stations	26	8	3.15	−1.03	Mount Pocono	7.08	2 stations	0.73
South Carolina	77.6	+0.2	Blackville	103	23	do	51	[1] 1	6.30	+1.43	Beaufort (near)	13.33	Heath Springs	2.21
South Dakota	69.0	+3.2	Aberdeen	100	24	Dupree	34	9	3.77	+0.30	Winner	8.06	Ardmore	0.69
Tennessee	76.7	+2.1	4 stations	100	20	2 stations	46	9	4.31	+0.04	Moscow	11.34	Union City	1.08
Texas	80.6	+0.4	Presidio	112	14	Clint	43	1	3.05	−0.15	Throckmorton	10.13	2 stations	0.00
Utah	63.1	−1.2	St. George	107	[1] 23	Great Basin Experiment Station (Alpine).	14	7	1.01	+0.37	Park Valley	2.55	Kanosh	0.03
Virginia	72.6	+0.9	Christchurch	101	26	Dante	38	6	3.63	−0.62	Dante	9.05	Mineral	0.96
Washington	62.4	+2.1	2 stations	102	[1] 13	Mount Baker Lodge	24	5	0.59	−0.99	Mount Baker Lodge	4.40	2 stations	0.00
West Virginia	70.1	+1.3	Charleston	99	20	Piedmont	29	[1] 8	4.46	+0.07	Clay	9.01	Wellsburg	1.73
Wisconsin	67.6	+3.3	Friendship	99	17	2 stations	28	8	2.94	−1.07	Richland Center	6.66	Oconto	1.00
Wyoming	58.7	+0.6	Wamsutter	104	23	Foxpark	23	8	1.97	+0.35	Bechler River	6.39	Foxpark	0.16
Alaska (May)	41.8	−0.5	Fairbanks (near)	75	21	Barrow	0	17	1.51	+0.05	View Cove	11.85	2 stations	0.00
Hawaii	73.7	−0.4	Waipahu	94	3	Kanalohuluhulu	44	22	4.23	−0.37	Puu KuKui (upper)	23.00	4 stations	0.00
Puerto Rico	79.0	+1.1	Manati	97	10	Guineo Reservoir	53	19	7.74	+1.50	La Fe	21.59	Cabo Rojo	0.81

[1] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1932*

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							**63.3**	**−0.3**										**76**	**2.31**	**−0.7**										**5.7**		
Eastport	76	67	85	29.76	29.84	−0.09	55.2	+0.1	81	15	64	40	8	46	34	51	48	79	1.56	−1.4	11	6,489	s.	27	sw.	25	2	12	16	7.4	0.0	0.0
Greenville, Me.	1,070	6		28.70	29.85		59.8		84	20	72	35	2	48	42				1.38		13	3,650	nw.	17		8	7	11	12		0.0	0.0
Portland, Me.	103	82	117	29.74	29.86	−.09	63.2	+0.7	83	28	72	42	8	54	31	56	50	67	1.57	−1.7	10	6,030	w.	23	nw.	9	12	10	8	4.7	0.0	0.0
Concord	289	70	79	29.57	29.87	−.09	63.0	+0.1	86	15	75	38	8	51	40				2.13	−1.1	11	3,969	w.	18	sw.	9	11	14	5	4.3	0.0	0.0
Burlington	403	11	48	29.44	29.87	−.09	63.6	−2.1	85	15	74	38	8	54	35				2.49	−0.9	13	6,123	s.	24	se.	21	9	7	14	6.0	0.0	0.0
Northfield	876	12	60		29.88	−.08	60.1	−1.2	85	20	73	30	8	47	44			75	1.80	−1.4	14	4,855	s.	22	n.	7	4	15	11	6.8	0.0	0.0
Boston	125	106	165	29.74	29.88	−.08	66.4	−0.1	88	28	76	42	8	57	29	59	53	66	2.05	−0.8	11	5,546	sw.	24	w.	23	7	15	8	5.4	0.0	0.0
Nantucket	12	14	90	29.87	29.88	−.10	62.1	+1.1	78	30	69	44	19	55	20	58	56	85	3.56	+0.9	11	9,263	sw.	33	n.	7	9	9	12	6.1	0.0	0.0
Block Island	26	11	46	29.86	29.89	−.08	61.8	0.0	77	30	68	46	8	56	22	59	57	88	2.25	−0.4	11	9,289	sw.	46	nw.	23	8	11	11	6.1	0.0	0.0
Providence	160	215	251	29.71	29.88	−.09	66.2	−2.1	87	5	76	41	8	57	29	61	57	74	2.44	−0.2	11	7,458	nw.	56	nw.	23	14	9	7	4.7	0.0	0.0
Hartford	159	122		29.72	29.89	−.08	67.3	+0.2	89	5	77	43	8	58	30				3.42	+0.3	12		s.				7	13	10	5.9	0.0	0.0
New Haven	106	74	153	29.79	29.90	−.07	67.0	+0.4	87	27	76	43	8	58	26	60	56	70	2.16	−0.9	12	5,825	s.	30	nw.	23	6	14	10	5.8	0.0	0.0
Middle Atlantic States							**70.9**	**+0.6**										**70**	**3.19**	**−0.4**										**5.6**		
Albany	97	107	115	29.78	29.88	−.09	67.4	−0.6	88	15	77	41	8	58	32	59	54	66	2.24	−1.1	12	4,979	s.	26	n.	7	14	10	6	4.6	0.0	0.0
Binghamton	871	10	84	29.00	29.92	−.05	66.2	+0.6	86	5	77	37	8	56	38				2.42	−1.0	12	4,018	nw.	21	w.	23	1	12	17	7.5	0.0	0.0
New York	314	414	454	29.57	29.90	−.08	69.0	+0.2	88	5	78	47	8	61	28	61	56	69	3.57	+0.2	7	8,721	sw.	40	nw.	23	8	11	11	5.8	0.0	0.0
Bellefonte	1,050	5	42	28.82	29.91		66.0		88	4	78	31	8	54	38	60	56	72	2.40		13		w.				5	14	11	6.0	0.0	0.0
Harrisburg	374	94	104	29.51	29.90	−.09	70.8	+0.5	92	26	80	45	8	61	28	62	57	66	3.31	−0.3	11	4,975	w.	28	nw.	23	8	12	10	5.6	0.0	0.0
Philadelphia	114	123	367	29.79	29.91	−.07	72.6	+1.2	92	26	81	50	8	64	25	63	57	63	3.39	+0.2	10	8,229	sw.	34	n.	7	9	9	12	5.7	0.0	0.0
Reading	325	81	103	29.56	29.90		70.5	+0.7	92	26	80	44	8	61	29	62	56	64	4.10	+0.6	11	4,408	sw.	21	w.	23	7	9	14	6.0	0.0	0.0
Scranton	805	72	103	29.09	29.94	−.04	67.3	−0.5	87	26	78	38	8	57	34	60	54	66	3.24	−0.4	11	4,546	sw.	25	nw.	23	5	14	11	5.7	0.0	0.0
Atlantic City	52	37	172	29.86	29.91	−.07	68.5	+1.9	90	22	75	46	8	62	27	63	60	79	3.74	+0.7	11	10,311	sw.	34	w.	7	9	10	11	5.9	0.0	0.0
Cape May	17	13	49				69.0	+1.3	90	22	78	46	8	60	29	64	62	80	3.33	+0.3	11		se.				6	16	8		0.0	0.0
Sandy Hook	22	10	55	29.87	29.89		68.6		87	6	76	50	8	61	24	62	59	75	3.55	−0.2	8	8,223	w.	40	w.	27	10	9	11	5.5	0.0	0.0
Trenton	190	159	183	29.70	29.90		70.3	+0.8	92	26	80	44	8	60	28	62	57	66	3.49	+0.4	12	6,770	sw.	30	w.	23	9	7	14	5.5	0.0	0.0
Baltimore	123	100	215	29.78	29.90	−.09	73.6	+0.9	93	26	83	52	8	64	27	65	59	65	2.91	−1.0	10	6,658	sw.	28	nw.	7	11	10	9	5.6	0.0	0.0
Washington	112	62	85	29.79	29.91	−.09	73.2	+1.0	93	27	83	49	8	63	35	65	59	66	2.84	−1.3	9	4,393	sw.	19	sw.	27	13	10	7	4.8	0.0	0.0
Cape Henry	18	8	54	29.91	29.93		74.5	+1.6	95	28	82	54	1	67	28	68	65	78	2.41	−1.6	7	7,615	sw.	32	nw.	28	10	12	8	5.3	0.0	0.0
Lynchburg	681	153	188	29.20	29.92	−.09	74.0	−0.6	93	5	85	53	8	63	34	65	61	67	2.54	−1.2	8	4,615	w.	32	n.	7	14	8	8	4.8	0.0	0.0
Norfolk	91	170	205	29.85	29.95	−.05	75.4	+1.0	91	23	84	58	9	67	27	68	65	76	3.26	−1.0	11	8,128	s.	32	w.	28	10	9	11	5.6	0.0	0.0
Richmond	144	11	52	29.79	29.93	−.08	74.1	0.0	92	6	84	52	8	64	34	67	64	74	3.17	−0.7	9	5,292	sw.	24	nw.	26	10	12	8	5.2	0.0	0.0
Wytheville	2,304	49	55	27.63	29.92	−.09	68.4	−0.3	86	25	80	45	9	57	36	62	58	74	3.89	−0.3	12	4,095	w.	21	w.	27	6	17	7	5.6	0.0	0.0
South Atlantic States							**77.4**	**+1.0**										**78**	**6.94**	**+2.3**										**5.8**		
Asheville	2,253	89	104	27.67	29.94	−.07	72.1	+3.4	90	25	84	51	1	61	31	64	60	73	2.83	−1.1	15	4,420	nw.	24	s.	12	10	19	1	4.3	0.0	0.0
Charlotte	779	55	62	29.13	29.95	−.06	77.5	+2.0	95	22	87	60	1	68	27	69	65	73	7.01	+2.8	11	3,299	sw.	18	w.	18	6	17	7	5.8	0.0	0.0
Greensboro	886	6	56	29.01	29.95		74.4		92	6	85	52	2	64	35	67	64	75	6.36		9	5,096	sw.	28	w.	28	5	15	10	6.0	0.0	0.0
Hatteras	11	5	50	29.94	29.94	−.07	76.4	+0.8	89	23	82	58	1	71	19	71	69	81	2.23	−2.3	8	8,593	sw.	30	sw.	14	9	12	9	5.2	0.0	0.0
Raleigh	376	103	146	29.55	29.94	−.07	76.4	+0.7	93	28	86	59	1	67	26	68	65	74	7.15	+2.8	11	5,740	sw.	32	nw.	28	8	12	10	5.7	0.0	0.0
Wilmington	72	73	106	29.88	29.96	−.05	76.8	0.0	94	23	84	58	1	70	21	72	70	83	3.85	−1.2	15	6,642	sw.	26	nw.	22	10	11	9	5.6	0.0	0.0
Charleston	48	11	92	29.90	29.95	−.06	79.0	+0.1	95	23	85	66	2	73	22	74	72	83	6.59	+2.0	16	7,761	sw.	35	e.	18	6	10	14	6.6	0.0	0.0
Columbia, S. C.	351	41	57	29.57	29.95	−.06	78.7	+0.6	97	23	88	61	2	69	26	71	68	76	5.56	+1.4	12	4,760	sw.	26	sw.	11	8	16	6	5.6	0.0	0.0
Greenville, S. C.	1,039	139	146	28.87	29.94		76.2	+2.1	95	23	85	62	16	67	26	68	65	75	4.96	+0.4	15	5,257	ne.	25	s.	12	4	18	8	6.0	0.0	0.0
Augusta	182	62	77	29.74	29.93	−.08	80.4	+1.7	100	23	90	64	2	70	25	72	69	75	3.71	−1.0	14	3,938	s.	24	n.	10	9	6	15	6.0	0.0	0.0
Savannah	65	150	194	29.88	29.95	−.06	79.2	+0.2	99	23	88	62	1	71	27	73	71	83	9.14	+3.8	21	7,896	s.	58	w.	15	4	12	14	6.6	0.0	0.0
Jacksonville	43	209	245	29.91	29.96	−.05	78.8	−1.1	97	24	86	66	9	72	23	73	71	82	23.32	+18.0	19	7,438	s.	32	sw.	15	6	13	11	6.5	0.0	0.0
Florida Peninsula							**81.4**	**+0.7**										**80**	**7.38**	**+1.3**										**6.6**		
Key West	22	10	64	29.93	29.95	−.04	82.4	+0.5	90	14	88	65	2	77	17	77	75	79	5.14	+0.9	11	6,239	se.	32	s.	9	6	14	10	6.0	0.0	0.0
Miami	25	124	168	29.95	29.98	−.02	81.3	+1.3	90	16	86	69	2	76	15	75	73	79	8.49	+1.6	15	6,398	se.	30	sw.	9	0	12	18	7.6	0.0	0.0
Tampa	35	88	197	29.93	29.96	−.05	80.6	+0.4	95	18	88	66	18	73	29	74	72	82	8.52	+1.3	17	6,804	w.	39	ne.	18	1	15	14	6.6	0.0	0.0
Titusville	44	5		29.91	29.96		80.8		96	25	89	66	4	73	22				11.16		15		se.				6	11	13	6.3	0.0	0.0
East Gulf States							**79.6**	**+1.1**										**76**	**5.00**	**+0.3**										**5.1**		
Atlanta	1,173	190	198	28.74	29.95	−.06	76.9	+0.9	93	23	86	62	1	68	24	69	66	73	5.31	+1.6	13	5,646	w.	30	w.	30	6	14	10	5.7	0.0	0.0
Macon	370	76	84	29.56	29.94	−.07	78.8	−0.1	98	23	88	59	2	69	27	71	68	77	6.04	+2.0	14	4,428	s.	21	nw.	16	5	11	14	6.4	0.0	0.0
Thomasville	273	49	103	29.67	29.96	−.04	79.2	−0.3	96	26	88	63	2	70	25	72	70	82	8.02	+2.6	16	5,232	sw.	21	e.	18	3	10	17	7.1	0.0	0.0
Apalachicola	36	11	51	29.91	29.95		80.2		91	19	86	67	2	74	22	75	73	78	5.03	−0.6	12	5,864	sw.	22	e.	2	12	13	5	4.5	0.0	0.0
Pensacola	56	149	185	29.89	29.95	−.04	79.3	0.0	89	28	85	64	10	74	20	74	72	79	4.93	+0.2	8	7,995	w.	43	sw.	9	18	11	1	3.2	0.0	0.0
Anniston	741	9	57				78.2	+3.2	97	23	90	59	4	67	31				4.63		12		s.	15	nw.	20	5	16	9		0.0	0.0
Birmingham	700	11	48	29.20	29.95	−.04	79.2	+1.3	98	23	90	63	4	69	29	70	67	74	6.70	+2.2	11	4,120	s.	25	n.	24	11	14	5	4.8	0.0	0.0
Mobile	57	125	161	29.88	29.94	−.05	81.6	+1.3	95	29	90	67	4	73	22	74	71	76	2.66	−2.8	9	5,784	sw.	26	nw.	14	12	17	1	4.1	0.0	0.0
Montgomery	223	100	112	29.70	29.94	−.06	80.3	+0.7	98	23	90	65	3	71	24	71	68	74	7.62	+3.8	16	4,784	sw.	32	ne.	8	7	20	3	5.2	0.0	0.0
Corinth	469	6					80.0		100	22	91	61	10	69	30				7.04		13		sw.				4	23	3		0.0	0.0
Meridian	375	87	95	29.54	29.93	−.05	79.4	+1.3	94	24	89	62	15	70	24	71	68	73	2.92	−1.6	9	4,043	sw.	26	nw.	14	11	16	3	4.3	0.0	0.0
Vicksburg	247	65	73	29.67	29.94	−.03	81.0	+2.0	95	23	90	67	13	72	23	72	69	72	2.02	−2.0	8	4,834	sw.	19	s.	24	6	18	6	5.7	0.0	0.0
New Orleans	53	76	84	29.88	29.94	−.04	82.2	+1.6	96	19	90	66	10	74	26	74	71	73	3.73	−2.2	11	4,730	sw.	26	w.	10	8	20	2	4.8	0.0	0.0
West Gulf States							**81.0**	**+1.2**										**73**	**2.85**	**−0.6**										**4.7**		
Shreveport	249	204	220	29.63	29.89	−.07	82.8	+2.1	99	8	93	67	11	73	25	72	67	66	3.27	−0.2	4	6,762	s.	34	w.	11	13	15	2	4.1	0.0	0.0
Bentonville	1,303	11	44	28.53	29.86	−.08	75.2	+1.1	92	19	85	59	11	65	30				5.28		16	3,750	s.	21	sw.	21	18	10	2		0.0	0.0
Fort Smith	457	79	94	29.39	29.86	−.08	79.6	+2.1	98	20	90	63	1	70	30	71	67	71	7.49	+3.8	14	4,669	e.	29	se.	1	5	16	9	5.9	0.0	0.0
Little Rock	357	136	153	29.53	29.89	−.07	79.8	+2.4	96	20	89	63	14	71	25	71	67	70	3.70	−0.1	10	5,539	s.	30	nw.	8	4	14	12	6.7	0.0	0.0
Austin	605	136	148	29.24	29.87		82.5	+1.3	97	15	92	63	10	73	28	73	69	69	1.88	−0.6	9	6,653	se.	32	n.	10	12	13	5	4.7	0.0	0.0
Brownsville	57	83	100	29.79	29.85		82.0	−0.4	95	12	89	72	23	75	23	75	74	81	3.48	+0.6	5	8,629	se.	28	se.	2	18	7	5	3.9	0.0	0.0
Corpus Christi	20	11	78	29.86	29.88	−.03	81.9	+0.9	90	15	87	70	10	77	17	76	74	82	1.78	−0.8	8	9,574	se.	47	s.	3	11	9	10	5.1	0.0	0.0
Dallas	512	220	227	29.34	29.88		80.5		96	15	90	63	11	71	30				2.67	−1.2	8	7,667	se.	50	w.	8	13	11	6	4.0	0.0	0.0
Fort Worth	670	106	114	29.15	29.85	−.07	80.8	+0.9	97	15	91	63	6	71	31	72	68	70	3.04	−0.3	7	6,919	s.	37	nw.	8	7	12	11	5.5	0.0	0.0
Galveston	54	106	114	29.83	29.89	−.06	81.2	+0.5	90	14	86	65	10	77	18	75	73	80	1.82	−2.6	7	7,560	se.	35	se.	2	15	10	5	4.0	0.0	0.0
Houston	138	292	314	29.77	29.91		81.8	+0.4	95	28	90	67	10	74	25				2.14	−2.4	8	8,143	s.	34	n.	21	8	16	6	5.2	0.0	0.0
Palestine	510	64	72	29.38	29.90	−.04	81.1	+2.1	96	23	91	64	12	72	24	72	68	71	1.44	−2.2	6	5,563	s.	26	s.	29	11	12	7	4.7	0.0	0.0
Port Arthur	34	58	66	29.87	29.91		82.4		94	23	89	67	11	76	23	75	72	76	1.51	−3.3	5	5,950	s.	20	n.	11	17	13	0	3.6	0.0	0.0
San Antonio	693	242	301	29.14	29.84	−.06	82.2	+1.2	99	16	92	61	10	72	31	72	69	69	1.94	−0.5	6	9,625	se.	49	nw.	12	13	16	1	4.0	0.0	0.0
Taylor	571	38	51	29.32	29.92	.00	81.5	+1.5	97	28	91	64	10	72	28				3.69	+1.6	8	6,963	se.	26	n.	9	15	12	3	3.8	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1932*—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.
Ohio Valley and Tennessee							**74.4**	**+1.6**										**69**	**4.51**	**+0.6**										**5.5**		
Chattanooga	762	190	215	29.15	29.94	−0.06	77.0	+1.6	95	24	87	59	10	67	28	69	65	73	4.91	+0.8	14	4,674	sw.	34	sw.	26	7	16	7	5.8	0.0	0.0
Knoxville	995	102	111	28.90	29.93	−.07	76.8	+2.8	95	22	87	60	1	66	26	67	64	71	4.49	+0.4	12	4,237	sw.	30	n.	18	10	13	7	5.2	0.0	0.0
Memphis	399	78	86	29.49	29.90	−.07	79.8	+2.2	96	20	88	63	11	72	28	71	67	69	4.16	+0.6	10	4,612	sw.	25	nw.	21	7	13	10	5.6	0.0	0.0
Nashville	546	168	191	29.37	29.94	−.05	77.8	+2.2	95	22	87	61	12	68	27	68	64	67	2.91	−1.1	11	5,403	w.	41	ne.	18	7	15	8	5.6	0.0	0.0
Lexington	989	193	230	28.91	29.95	−.05	73.8	+1.6	89	5	83	55	8	65	24				6.80	+2.8	14	7,495	e.	34	sw.	27	12	15	3	4.1	0.0	0.0
Louisville	525	188	234	29.36	29.94	−.04	75.2	+0.5	91	22	84	54	9	66	26	67	63	71	2.78	−1.0	13	5,915	n.	43	sw.	1	5	14	11	6.2	0.0	0.0
Evansville	431	76	116	29.45	29.91	−.06	77.6	+2.5	94	18	87	59	9	68	25	68	64	67	1.79	−2.2	7	5,668	sw.	30	s.	1	8	11	11	5.9	0.0	0.0
Indianapolis	822	194	230	29.04	29.91	−.06	73.8	+2.2	90	30	84	51	8	64	32	65	60	65	5.94	+2.3	8	6,373	sw.	27	nw.	20	8	19	3	5.1	0.0	0.0
Terre Haute	575	96	129	29.30	29.90		74.6		91	30	85	53	9	65	31	66	61	68	8.71	+4.8	12	5,435	ne.	27	ne.	18	11	11	8	5.1	0.0	0.0
Cincinnati	627	11	51	29.26	29.93	−.06	73.4	+2.2	91	19	84	51	8	63	31	65	61	71	5.48	+1.8	13	4,249	sw.	27	ne.	7	8	10	12	5.8	0.0	0.0
Columbus	822	216	230	29.06	29.92	−.07	72.5	+1.6	92	5	83	48	8	62	31	63	58	65	4.38	+1.1	10	6,369	sw.	29	sw.	26	10	14	6	5.1	0.0	0.0
Dayton	899	137	173	28.98	29.91		72.9	+1.5	90	5	83	49	8	63	29	65	60	68	7.22	+3.4	12	5,276	sw.	30	sw.	25	8	19	3	4.9	0.0	0.0
Elkins	1,947	59	67	27.96	29.95	−.05	66.6	−0.3	86	20	79	37	9	54	40	60	57	76	3.26	−1.8	12	3,553	nw.	30	sw.	27	4	15	11	6.3	0.0	0.0
Parkersburg	637	77	82	29.30	29.95	−.05	73.1	+1.7	91	30	84	48	9	62	36	64	59	67	4.05	0.0	12	3,805	se.	28	sw.	27	10	12	8	5.5	0.0	0.0
Pittsburgh	842	353	410	29.04	29.92	−.07	71.0	+0.3	89	20	81	46	8	61	28	62	56	62	0.78	−3.0	8	6,368	w.	42	s.	20	2	16	12	6.7	0.0	0.0
Lower Lake Region							**67.7**	**+1.0**										**67**	**2.00**	**−1.4**										**5.2**		
Buffalo	767	243	280	29.08	29.90	−.07	64.7	+0.3	89	20	71	45	8	58	23	59	55	73	1.47	−1.4	9	8,760	sw.	40	sw.	24	6	17	7	5.6	0.0	0.0
Canton	448	10	61	29.39	29.86		64.0	−1.8	86	20	75	38	8	53	33				2.82	−0.5	15	5,228	w.	30	sw.	21	8	13	9	5.8	0.0	0.0
Ithaca	836	74	100	29.01	29.89		66.2	0.0	87	20	77	38	8	55	37	59	54	66	2.97	−0.6	14	5,797	nw.	27	nw.	23	5	14	11	6.3	0.0	0.0
Oswego	335	71	85	29.53	29.89	−.08	64.1	−0.7	87	21	72	47	8	56	23	58	54	72	1.77	−1.5	11	5,895	w.	30	nw.	21	3	16	11	6.5	0.0	0.0
Rochester	523	86	102	29.35	29.91	−.06	67.6	+1.5	89	20	77	45	24	58	29	59	53	62	1.45	−1.6	5	5,906	w.	32	sw.	21	8	16	6	4.9	0.0	0.0
Syracuse	596	65	79	29.28	29.92	−.05	67.2	+0.3	88	21	76	44	8	58	27				3.74	−0.1	12	4,938	s.	30	nw.	23	8	12	10	5.6	0.0	0.0
Erie	714	130	166	29.16	29.91	−.07	67.2	+1.0	86	20	75	46	8	60	22	62	58	72	1.20	−2.1	8	8,082	w.	38	sw.	2	14	8	8	4.4	0.0	0.0
Cleveland	762	267	337	29.10	29.91	−.07	69.1	+2.0	86	18	76	52	8	62	22	61	56	64	1.88	−1.2	6	7,607	n.	33	n.	11	13	9	8	4.8	0.0	0.0
Sandusky	629	5	67	29.26	29.93	−.05	70.8	+2.0	91	22	80	50	9	62	30				1.18	−2.3	5	5,281	ne.	26	sw.	2	8	15	7	5.0	0.0	0.0
Toledo	628	208	243	29.25	29.92	−.05	70.5	+1.8	89	25	80	45	8	62	29	62	57	63	1.11	−2.2	7	6,918	w.	28	sw.	2	16	8	6	3.8	0.0	0.0
Fort Wayne	856	100	119	29.00	29.91		71.0	+2.5	89	25	81	46	8	61	30	63	57	64	3.10	−0.5	10	5,836	sw.	25	w.	25	11	11	8	4.9	0.0	0.0
Detroit	730	218	258	29.15	29.92	−.05	70.3	+2.9	89	20	80	46	8	61	26	62	57	64	1.35	−2.2	6	6,432	sw.	25	sw.	29	10	16	4	4.8	0.0	0.0
Upper Lake Region							**65.3**	**+2.8**										**70**	**1.96**	**−1.3**										**5.0**		
Alpena	609	13	89	29.26	29.92	−.04	62.4	+2.0	84	6	71	43	24	54	30	57	53	73	1.19	−2.1	10	6,709	nw.	31	nw.	23	13	11	6	4.4	0.0	0.0
Escanaba	612	54	60	29.26	29.92	−.02	63.0	+2.3	81	6	72	43	8	54	28	57	53	72	2.04	−1.2	7	5,930	s.	26	s.	30	10	13	7	4.9	0.0	0.0
Grand Haven	632	54	89	29.23	29.89	−.07	66.4	+2.7	84	17	75	43	8	58	28	62	58	71	0.47	−2.5	5	5,981	w.	24	nw.	23	9	12	9	5.1	0.0	0.0
Grand Rapids	707	70	244	29.15	29.90	−.07	70.5	+2.7	88	17	81	46	8	60	27	62	56	62	2.27	−1.2	12	6,676	se.	43	sw.	30	8	12	10	5.5	0.0	0.0
Houghton	668	64	99	29.20	29.92	−.02	62.4	+2.4	82	16	73	41	8	52	29				2.38	−0.4	6	6,337	e.	26	n.	21	12	8	10	5.0	0.0	0.0
Lansing	878	6	88	28.98	29.90		67.7	+1.3	86	17	79	41	24	57	34	62	59	73	1.24	−2.3	8	5,339	w.	21	w.	22	7	16	7	5.2	0.0	0.0
Ludington	637	60	66	29.21	29.90		65.0	+4.5	82	15	74	44	8	56	24	60	56	71	3.20	+0.3	11	5,812	n.	25	s.	30	19	10	1	2.9	0.0	0.0
Marquette	734	77	111	29.12	29.91	−.03	61.3	+2.4	84	17	70	39	8	53	28	55	51	69	0.87	−2.4	6	4,890	w.	31	sw.	18	9	13	8	5.5	0.0	0.0
Port Huron	638	79	120	29.23	29.92	−.05	66.0	+1.8	85	22	75	44	24	57	30	59	55	71	2.37	−0.4	10	5,146	n.	30	nw.	23	12	10	8	5.0	0.0	0.0
Sault Sainte Marie	614	11	52	29.23	29.92	−.04	61.5	+2.9	85	17	72	41	8	51	32	55	50	68	1.41	−1.5	9	5,251	nw.	27	nw.	22	15	11	4	4.1	0.0	0.0
Chicago	673	7	131	29.20	29.91	−.05	70.6	+3.3	89	22	78	52	9	63	26	63	60	74	4.79	+1.5	12	6,042	ne.	30	nw.	30	8	13	9	5.5	0.0	0.0
Green Bay	617	109	141	29.24	29.90	−.05	68.5	+3.6	86	16	79	45	8	58	29	61	56	66	1.76	−1.9	8	6,010	se.	27	s.	30	8	11	11	5.6	0.0	0.0
Milwaukee	681	97	221	29.18	29.91	−.04	69.1	+5.2	88	30	76	52	1	62	23	61	57	69	1.67	−1.7	8	6,641	e.	27	se.	18	10	14	6	4.8	0.0	0.0
Duluth	1,133	5	47	28.70	29.90	−.02	60.0	+2.8	84	14	70	43	2	50	33	54	50	75	1.72	−2.2	7	7,148	ne.	32	w.	18	6	12	12	6.2	0.0	0.0
North Dakota							**67.8**	**+4.6**										**71**	**4.11**	**+0.3**										**4.9**		
Moorhead	940	50	58	28.85	29.84	−.06	68.9	+4.5	90	6	80	50	23	58	31	62	58	68	2.16	−1.9	6	5,421	s.	31	nw.	30	6	13	11	6.0	0.0	0.0
Bismarck	1,674	8	57	28.09	29.84	−.03	67.5	+3.8	86	21	78	49	1	57	30	61	57	71	2.57	−0.8	8	6,588	se.	38	nw.	30	12	12	6	4.3	0.0	0.0
Devils Lake	1,478	11	44	28.29	29.83	−.05	67.6	+5.7	85	6	78	50	18	57	28	61	58	76	4.16	+0.6	13	6,102	se.	39	nw.	30	10	10	10	5.2	0.0	0.0
Ellendale	1,457	10	56	28.32	29.85		67.0		90	24	78	49	1	56	31				4.67	+0.1	8	7,547	se.	46	s.	1	11	10	9	5.0	0.0	0.0
Grand Forks	833	12	67				69.6		90	6	82	47	27	58	33	62			2.27		10		se.	42	nw.	30	6	16	8		0.0	0.0
Williston	1,878	41	48	27.88	29.82	−.04	67.0	+4.3	90	23	78	50	26	56	33	60	55	70	6.98	+3.6	13	5,334	ne.	35	nw.	30	16	8	6	4.2	0.0	0.0
Upper Mississippi Valley							**73.7**	**+3.2**										**70**	**3.96**	**−0.2**										**5.7**		
Minneapolis	918	102	208	28.89	29.85		72.3	+4.8	93	24	82	56	8	63	32				1.56	−2.7	9	6,633	se.	32	se.	17	5	11	14	6.2	0.0	0.0
St. Paul	837	114	149	28.98	29.87	−.05	72.2	+5.1	93	6	82	54	19	62	32				2.20	−1.9	10	5,380	se.	32	nw.	30	10	11	9	5.2	0.0	0.0
La Crosse	714	11	48	29.12	29.87	−.06	71.3	+3.0	91	30	82	54	24	61	31	64	61	74	3.61	−0.5	13	2,961	s.	16	sw.	24	5	11	14	6.5	0.0	0.0
Madison	974	70	78	28.87	29.89	−.05	70.4	+3.2	87	22	79	51	8	61	24	63	59	68	3.15	−0.6	12	4,917	se.	21	se.	1	7	15	8	5.9	0.0	0.0
Wausau	1,247	4	62	28.60	29.91		68.2		87	15	80	46	8	56	34				1.95	−2.1	8	4,257	se.	24	w.	30	18	8	4	3.8	0.0	0.0
Charles City	1,015	10	51	28.83	29.88	−.03	71.5	+5.0	93	30	82	56	21	61	30	64	61	74	4.77	+0.1	16	4,098	se.	21	sw.	30	6	14	10	5.7	0.0	0.0
Davenport	600	118	143	29.25	29.90	−.04	74.2	+3.7	93	30	84	57	8	64	26	65	61	69	7.05	+2.9	17	5,131	e.	41	sw.	2	6	12	12	6.5	0.0	0.0
Des Moines	861	5	99	28.98	29.87	−.05	73.6	+3.0	94	30	83	61	3	64	29	66	62	71	3.40	−1.4	12	5,655	se.	36	n.	17	7	10	13	6.3	0.0	0.0
Dubuque	700	81	96	29.15	29.89	−.04	72.1	+2.7	90	22	82	56	8	63	28	64	61	71	4.09	−0.2	13	4,003	se.	28	nw.	17	7	8	15	6.2	0.0	0.0
Keokuk	614	64	78	29.24	29.90	−.04	74.5	+2.0	94	30	84	58	2	65	26	66	62	68	5.51	+1.4	13	4,325	e.	38	w.	17	5	13	12	6.1	0.0	0.0
Cairo	358	87	93	29.52	29.89	−.08	78.2	+1.9	97	22	87	63	9	69	25	69	65	70	1.78	−2.0	11	5,153	s.	25	sw.	27	3	13	14	6.6	0.0	0.0
Peoria	609	11	45	29.26	29.91	−.04	73.4	+2.5	95	30	85	51	9	62	31	66	62	71	4.75	+1.0	15	3,822	ne.	24	sw.	26	12	9	9	4.9	0.0	0.0
Springfield, Ill	636	5	191	29.22	29.88	−.07	75.2	+3.0	95	30	86	56	9	65	27	66	62	68	6.39	+2.3	12	6,085	sw.	34	nw.	18	6	17	7	5.4	0.0	0.0
Hannibal	534	74	109	29.33	29.89	−.06	75.0	+2.5	94	17	85	57	2	66	28				6.71	+2.8	12	4,942	sw.	27	sw.	4	9	15	6	5.2	0.0	0.0
St. Louis	568	265	303	29.29	29.88	−.07	77.6	+2.8	94	30	86	64	9	69	23	68	62	64	2.45	−1.4	13	6,226	s.	35	sw.	2	10	15	5	5.1	0.0	0.0
Missouri Valley							**73.4**	**+2.6**										**69**	**4.59**	**+0.3**										**5.0**		
Columbia, Mo	784	6	84	29.06	29.87	−.08	75.1	+2.3	95	17	84	60	28	66	27				6.28	+1.5	11	4,463	sw.	24	w.	19	9	10	11	5.5	0.0	0.0
Kansas City	963	10	86	28.86	29.87	−.05	76.5	+2.9	94	30	85	62	19	68	21	67	63	66	2.73	−2.3	11	5,431	s.	30	nw.	8	7	18	5	5.1	0.0	0.0
St. Joseph	967	11	49	28.85	29.86		74.8		94	29	84	60	28	65	26	67	64	73	6.09	+1.2	14	4,635	se.	27	nw.	2	13	11	6	4.5	0.0	0.0
Springfield, Mo	1,324	98	104	28.51	29.89	−.06	74.2	+1.7	89	23	82	59	13	66	21	67	64	74	10.08	+5.4	15	5,745	s.	30	nw.	20	14	13	3	3.4	0.0	0.0
Iola	984	11	50	28.84	29.85	−.08	75.5	+1.4	93	7	86	60	10	65	27				5.01	−0.5	10	3,848	s.	21	n.	19	12	8	10	5.2	0.0	0.0
Topeka	987	92	107				75.5	+2.1	95	29	86	59	8	66	28				4.46	−0.2	13	5,468	s.	38	nw.	8	11	15	4	4.5	0.0	0.0
Lincoln	1,189	11	81	28.62	29.85	−.05	73.2	+1.8	96	30	83	57	20	63	27	66	62	72	4.46	+0.1	12	5,732	s.	38	w.	17	5	13	12	5.9	0.0	0.0
Omaha	1,105	115	122	28.72	29.86	−.05	74.2	+2.6	96	30	83	58	20	65	24	65	61	67	4.79	+0.2	14	4,663	s.	26	w.	9	8	10	12	5.7	0.0	0.0
Valentine	2,598	47	54	27.22	29.88	+.02	68.6	+1.7	93	29	81	48	3	57	35	60	55	66	4.53	+1.7	9	6,441	n.	30	s.	1	5	18	7	5.5	0.0	0.0
Sioux City	1,135	94	164	28.66	29.84	−.06	73.2	+3.7	96	30	83	56	27	63	27	65	60	69	4.95	+1.0	13	6,622	s.	32	se.	16	6	11	13	6.2	0.0	0.0
Huron	1,306	59	74	28.49	29.86	−.02	70.6	+4.4	92	24	82	52	1	60	34	62	57	66	1.98	−1.8	11	6,094	se.	25	se.	16	14	10	6	4.4	0.0	0.0
Pierre	1,572	70	75	28.20	29.84	−.03	71.2	+2.7	97	24	82	50	3	61	33	62	57	65	2.91	0.0	12	6,307	se.	43	ne.	8	12	12	6	4.5	0.0	0.0
Yankton	1,233	49	57	28.57	29.86	−.03	72.9	+4.0	94	22	83	56	27	63	28				1.37	−2.4	11	5,090	se.	25	se.	16	7	15	8	5.2	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1932*—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							**63.5**	**+2.0**										**61**	**2.31**	**0.0**										**5.1**		
Billings	3,140	5					64.4		98	29	80	39	1	49	46				4.58		12		nw.				11	8	11		0.0	0.0
Havre	2,505	11	44	27.28	29.87	+0.02	64.8	+2.8	93	22	76	48	4	54	33	55	49	64	5.24	+2.4	13	5,773	sw.	33	sw.	15	10	12	8	5.4	0.0	0.0
Helena	4,124	89	113	25.76	29.89	+.01	62.1	+2.9	90	28	74	40	5	51	34	51	42	56	2.05	−0.3	10	6,197	sw.	32	sw.	22	9	11	10	5.8	0.0	0.0
Kalispell	2,973	48	56	26.89	29.90	+.03	61.2	+3.5	89	22	74	34	5	49	34	51	43	58	0.50	−1.6	5	4,699	nw.	21	sw.	29	8	13	9	5.2	0.0	0.0
Miles City	2,371	48	55	27.38	29.88	+.03	68.4	+2.4	98	29	79	48	1	57	34	58	52	63	2.29	−0.4	11	4,172	s.	26	nw.	7	11	12	7	4.8	0.0	0.0
Rapid City	3,259	50	58	26.54	29.89	+.04	66.4	+2.2	91	29	77	47	3	56	34	57	51	60	2.03	−1.3	12	5,874	w.	27	n.	25	11	15	4	4.4	0.0	0.0
Cheyenne	6,088	84	101	24.01	29.86	+.02	60.3	−0.1	84	15	73	39	2	48	34	49	42	57	1.64	0.0	9	7,557	nw.	48	s.	3	6	19	5	5.7	0.0	0.0
Lander	5,372	6	68	24.62	29.86	+.01	63.0	+2.5	96	22	77	37	2	49	45	50	42	55	0.93	−0.2	6	3,904	sw.	27	w.	11	12	13	5	4.5	0.0	0.0
Sheridan	3,790	10	47	26.05	29.88		62.2		92	22	76	39	3	48	41	55	50	67	3.55	+1.5	12	3,221	nw.	30	nw.	25	11	13	6	4.6	0.0	0.0
Yellowstone Park	6,241	11	48	23.90	29.92	+.06	55.0	−1.0	85	23	68	31	7	42	37	46	39	62	2.10	+0.2	15	5,292	sw.	25	sw.	15	9	11	10	5.6	T.	0.0
North Platte	2,821	11	51	27.00	29.86	.00	70.2	+2.7	94	30	82	51	3	58	32	62	58	70	2.75	−0.5	12	5,282	s.	29	nw.	16	7	17	6	5.4	0.0	0.0
Middle Slope							**72.4**	**+0.6**										**63**	**5.85**	**+2.8**										**5.1**		
Denver	5,292	106	113	24.71	29.85	+.01	66.6	+0.3	92	15	79	46	2	55	37	52	41	46	1.01	−0.4	10	6,101	s.	32	se.	5	10	17	3	4.6	0.0	0.0
Pueblo	4,685	80	86	25.25	29.84	+.01	69.0	0.0	95	15	83	42	6	55	42	53	41	47	1.50	+0.1	9	5,385	e.	30	w.	27	12	15	3	4.4	0.0	0.0
Concordia	1,392	50	58	28.44	29.87	−.03	74.3	+1.3	97	29	85	59	15	64	28	66	62	69	6.07	+1.7	11	4,902	s.	27	se.	18	11	12	7	5.0	0.0	0.0
Dodge City	2,509	10	86	27.33	29.87	.00	73.0	+0.5	96	30	84	54	6	62	34	64	59	69	4.46	+1.2	15	7,828	s.	34	nw.	18	14	13	3	4.2	0.0	0.0
Wichita	1,358	85	93	28.46	29.85	−.06	75.0	+0.6	97	17	85	59	6	65	25	67	62	69	7.92	+3.5	12	6,616	se.	28	w.	18	5	13	12	6.2	0.0	0.0
Oklahoma City	1,214	10	47	28.61	29.85	−.06	76.8	+0.8	95	17	87	59	12	67	28	69	66	76	14.12	+10.4	16	6,379	s.	30	w.	5	6	11	13	6.2	0.0	0.0
Southern Slope							**78.2**	**+0.3**										**58**	**3.68**	**+1.2**										**4.0**		
Abilene	1,738	10	52	28.07	29.83	−.05	79.6	+0.4	99	16	90	62	11	69	32	69	64	65	4.13	+1.1	10	7,721	s.	32	n.	20	12	10	8	4.4	0.0	0.0
Amarillo	3,676	10	49	26.20	29.84	−.01	72.6	−0.2	96	16	84	53	6	61	33	62	57	66	9.24	+6.4	14	5,888	se.	30	sw.	18	12	13	5	4.8	0.0	0.0
Big Spring	2,537	5	62				77.8		102	16	89	52	21	67	30				3.82		8		se.				15	10	5	3.8	0.0	0.0
Del Rio	944	64	71	28.81	29.76	−.09	84.6	+1.2	103	17	94	69	5	75	28	71	65	57	0.04	−2.5	2	9,285	se.	37	e.	5	9	15	6	4.7	0.0	0.0
Roswell	3,566	75	85	26.26	29.77	−.03	76.2	−0.1	103	18	91	50	1	62	42	58	44	43	1.03	−0.3	6	5,888	se.	31	ne.	10	20	10	0	2.5	0.0	0.0
Southern Plateau							**74.2**	**0.0**										**33**	**0.56**	**+0.2**										**2.3**		
El Paso	3,778	152	175	26.06	29.72	−.03	81.0	+1.4	104	14	95	57	5	67	39	57	34	24	0.15	−0.4	3	6,937	e.	35	ne.	30	26	1	3	1.7	0.0	0.0
Albuquerque	4,972	51	66	24.98	29.71		71.6		95	29	87	48	6	56	39	52	34	32	0.09		3	4,353	sw.	26	nw.	20	17	10	3	3.2	0.0	0.0
Santa Fe	7,013	38	55	23.26	29.76	−.05	63.4	−1.4	86	29	77	38	1	50	33	48	34	37	1.82	+0.7	7	4,379	sw.	21	s.	3	15	11	4	3.7	0.0	0.0
Flagstaff	6,907	10	59	23.34	29.77	−.01	58.7	−0.6	88	25	76	29	8	41	47	43		45	0.57		4	6,192	sw.	26	sw.	15	14	12	4		T.	0.0
Phoenix	1,108	10	107	28.58	29.70	−.04	85.0	+0.5	113	27	101	55	5	69	40	59	36	23	0.23	+0.2	4	4,573	w.	21	w.	30	24	5	1	1.7	0.0	0.0
Yuma	141	9	54	29.56	29.70	−.04	83.8	−0.9	110	28	101	58	1	66	42	64	50	38	T.	0.0	0	4,007	sw.	18	w.	3	26	4	0	1.0	0.0	0.0
Independence	3,957	6	27	25.88	29.83	+.05	73.2	+0.9	102	23	90	39	6	56	42	52			0.61	+0.5	4		nw.				24	1	5		0.0	0.0
Middle Plateau							**66.6**	**+1.4**										**42**	**1.09**	**+0.6**										**3.5**		
Reno	4,532	74	81	25.42	29.83	−.03	66.8	+5.8	100	30	83	35	6	51	41	50	38	44	1.40	+1.1	6	5,316	w.	31	sw.	14	20	7	3	3.2	T.	0.0
Tonopah	6,090	12	20				65.4		92	24	76	32	6	54	30	48	31	36	0.30		4		nw.									
Winnemucca	4,344	18	56	25.56	29.88	.00	65.8	+3.0	99	28	81	35	1	50	44	51	41	52	1.09	+0.4	9	5,015	ne.	32	sw.	14	19	6	5	3.4	T.	0.0
Modena	5,473	10	46	24.56	29.80	−.02	62.7	−0.6	94	22	80	29	7	46	43	47	33	43	1.12	+0.8	5	6,562	sw.	43	nw.	5	17	10	3	3.6	0.0	0.0
Salt Lake City	4,360	163	203	25.56	29.85	.00	67.8	+0.4	95	28	79	40	6	57	31	52	39	40	1.41	+0.6	8	5,652	nw.	44	sw.	28	15	11	4	3.7	0.0	0.0
Grand Junction	4,602	60	68	25.30	29.81	−.02	69.8	−1.6	97	30	84	40	7	56	35	51	35	34	0.45	0.0	6	5,229	se.	40	se.	22	13	16	1	3.7	0.0	0.0
Northern Plateau							**66.8**	**+2.7**										**47**	**0.46**	**−0.7**										**3.8**		
Baker	3,471	48	53	26.42	29.96	+.01	60.4	+1.8	91	28	75	35	5	46	40	50	41	53	0.43	−0.9	5	4,918	se.	20	ne.	12	13	12	5	4.0	0.0	0.0
Boise	2,739	79	87	27.09	29.90	−.01	67.2	+1.9	98	28	80	40	5	54	37	54	44	50	0.55	−0.4	7	4,079	nw.	25	ne.	14	10	13	7	4.7	0.0	0.0
Lewiston	757	40	48	29.12	29.92	−.02	69.8	+3.2	101	21	85	46	5	55	43				0.50	−0.9	1	2,998	e.	23	nw.	29	16	8	6	3.9	0.0	0.0
Pocatello	4,477	60	68	25.44	29.88	+.01	63.3	+1.1	95	29	77	37	5	50	37	51	42	55	1.32	+0.2	9	5,421	se.	27	sw.	27	10	14	6	4.5	0.0	0.0
Spokane	1,929	101	110	27.90	29.92	−.02	66.4	+3.6	93	21	79	41	5	54	36	52	40	46	0.28	−1.0	6	4,815	s.	24	sw.	4	13	10	7	4.4	0.0	0.0
Walla Walla	991	57	65	28.86	29.92	−.04	70.2	+3.7	97	28	83	45	5	58	35	54	41	39	0.06	−1.1	1	4,089	sw.	16	w.	1	20	7	3	2.9	0.0	0.0
Yakima	1,076	58	67	28.80	29.94		70.2	+3.8	98	28	84	46	5	56	36	53	38	37	0.06	−0.5	1	5,570	nw.	22	nw.	2	22	5	3	2.5	0.0	0.0
North Pacific Coast Region							**60.3**	**+1.9**										**70**	**0.91**	**−0.7**										**5.0**		
North Head	211	11	56	29.84	30.07	+.08	54.0	−0.8	76	10	58	46	4	50	23	51	49	86	1.32	−1.0	10	10,893	n.	34	nw.	4	6	4	20	7.1	0.0	0.0
Port Angeles	29	8	53	30.04	30.07		56.2		80	11	65	41	5	48	31				0.64	−0.2	2	6,112	w.	23	w.	14	13	12	5	4.2	0.0	0.0
Seattle	125	215	250	29.89	30.02	+.02	61.8	+2.8	89	10	71	45	4	53	28	53	47	63	0.17	−1.2	4	5,285	ne.	18	s.	15	13	9	8	4.7	0.0	0.0
Tacoma	194	172	201	29.83	30.03	.00	61.6	+2.9	90	10	71	44	5	52	33				0.10	−1.4	3	5,726	n.	21	sw.	14	12	9	9	4.7	0.0	0.0
Tatoosh Island	86	9	53	29.96	30.06	+.04	53.2	+0.2	70	10	57	46	5	50	18	51	49	88	2.74	−0.5	9	6,929	sw.	33	e.	10	4	8	18	7.4	0.0	0.0
Medford	1,329	29	58	28.55	29.93		66.8		100	30	83	40	7	50	44	55	48	60	1.77	+1.0	4	4,473	nw.	30	w.	10	13	13	4	3.9	0.0	0.0
Portland, Oreg.	153	68	106	29.85	30.01	−.03	65.8	+3.4	91	10	76	46	17	55	32	56	50	62	0.07	−1.4	1	4,991	nw.	19	ne.	9	11	10	9	4.8	0.0	0.0
Roseburg	510	75	99	29.45	29.99	−.04	65.2	+2.7	92	10	78	43	17	52	41	55	47	60	0.46	−0.6	5	4,044	n.	18	n.	27	17	9	4	3.3	0.0	0.0
Middle Pacific Coast Region							**65.9**	**+1.5**										**64**	**0.04**	**−0.3**										**2.7**		
Eureka	62	73	89	29.95	30.02	−.03	54.2	−0.1	64	19	58	43	6	50	16	51	49	86	0.11	−0.6	3	5,695	n.	25	n.	5	11	10	9	5.0	0.0	0.00
Red Bluff	330	5	58	29.47	29.81	−.07	78.9	+4.1	112	30	94	50	1	64	37	61	47	40	0.04	−0.4	1	4,484	nw.	21	n.	5	23	6	1	1.8	0.0	0.0
Sacramento	69	106	117	29.75	29.82	−.07	71.6	+2.2	105	29	87	48	12	56	46	58	49	53	T.	−0.2	0	6,526	s.	22	sw.	4	28	2	0	0.5	0.0	0.0
San Francisco	155	208	243	29.72	29.90	−.06	59.2	+0.7	82	8	66	49	18	52	26	53	49	76	0.03	−0.2	1	5,930	sw.	26	nw.	1	14	13	3	4.0	0.0	0.
San Jose	141	12	110	29.75	29.90		65.6	+0.6	92	8	78	46	6	53	39				0.00	−0.1	0	4,805	nw.	22	sw.	4	23	5	2	2.0	0.0	0.0
South Pacific Coast Region							**69.0**	**+0.3**										**64**	**0.05**	**0.0**										**2.9**		
Fresno	327	89	98	29.46	29.80	−.05	76.9	+1.1	108	30	93	52	15	61	39	59	46	41	0.00	−0.1	0	5,891	nw.	21	nw.	2	29	1	0	0.5	0.0	0.0
Los Angeles	338	159	191	29.52	29.88	−.02	66.2	−0.2	93	20	75	55	15	58	31	59	55	72	0.13	0.0	2	3,975	sw.	14	sw.	21	19	6	5	3.5	0.0	0.0
San Diego	87	62	70	29.79	29.88	−.04	63.8	−0.1	79	20	68	55	4	59	20	59	56	79	0.01	0.0	1	5,106	w.	17	nw.	18	10	16	4	4.7	0.0	0.0
West Indies																																
San Juan, P. R.	82	9	54	29.90	29.99		80.8	+1.1	92	7	86	71	19	76	14				8.98	+3.7	22	7,729	e.	29	e.	27	3	23	4	6.0	0.0	0.0
Panama Canal																																
Balboa Heights	118	6	97		[1] 29.82	−.01	79.8	−0.3	90	12	86	70	14	74	17			[1] 86	9.23	+1.2	18	3,484	nw.	30	s.	27	0	8	22	8.2	0.0	0.0
Cristobal	36	6	97		[1] 29.82	−.01	81.2	+0.8	92	7	87	73	30	76	17	76	75	[1] 85	14.36	+0.7	23	3,679	se.	30	ne.	16	1	4	25	8.3	0.0	0.0
Alaska																																
Fairbanks	455	11	44	[2] 29.29	[2] 29.80		55.0		79	20	66	32	8	44	32	48	41	66	1.66		13	3,938	w.	23	ne.	23	2	12	16	6.9	0.0	0.0
Juneau	80	11	50	[2] 29.89	[2] 29.98		49.4		65	19	54	40	7	45	20	46	43	82	10.59		25	4,997	s.	23	s.	20	0	2	28	9.3	0.0	0.0
Hawaiian Islands																																
Honolulu	38	86	100	[2] 30.02	[2] 30.06		75.8	−0.8	82	30	80	68	21	72	12	68	65	70	0.29	−0.6	10	6,744	e.	21	e.	15	15	13	2	3.9	0.0	0.0

[1] Observations taken bihourly.

[2] Pressure not reduced to mean of 24 hours.

TABLE 2.—*Data furnished by the Canadian Meteorological Service, June, 1932*

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*
Cape Race, N. F.	99				45.1		52.7	37.5	75	29	2.01		0.0
Sydney, C. B. I.	48												
Halifax, N. S.	88												
Yarmouth, N. S.	65												
Charlottetown, P. E. I.	38												
Chatham, N. B.	28												
Father Point, Que.	20	29.75	29.77	−.10	53.0	0.0	61.0	45.0	75	34	2.56	−0.42	0.0
Quebec, Que.	296	29.50	29.81	−.11	61.8	+0.6	72.4	51.2	86	37	2.82	−0.83	0.0
Doucet, Que.	1,236				55.4		70.7	40.2	87	21	4.89		0.0
Montreal, Que.	187	29.62	29.82	−.12	65.6	+0.7	74.8	56.3	87	43	5.53	+2.00	0.0
Ottawa, Ont.	236	29.58	29.84	−.10	65.3	0.0	76.4	54.1	87	41	2.43	−0.49	0.0
Kingston, Ont.	285	29.58	29.89	−.08	64.3	+0.9	71.2	57.4	85	39	1.93	−0.50	0.0
Toronto, Ont.	379	29.50	29.89	−.08	66.4	+3.0	75.7	57.0	83	43	1.00	−1.80	0.0
Cochrane, Ont.	930				59.8		73.0	46.7	88	31	1.74		T.
White River, Ont.	1,244	29.58	29.87	−.07	58.5	−0.2	75.5	41.5	88	28	1.12	−1.10	0.0
London, Ont.	808				63.6		73.9	53.3	84	35	0.90		0.0
Southampton, Ont.	656	29.20	29.91	−.06	61.6	+1.2	70.2	52.9	82	35	1.65	−0.70	0.0
Parry Sound, Ont.	688	29.22	29.90	−.06	63.4	+1.7	73.4	53.3	87	41	3.00	+0.58	0.0
Port Arthur, Ont.	644	29.20	29.91	−.03	60.0	+3.6	69.0	51.1	80	41	2.82	+0.09	0.0
Winnipeg, Man.	760	29.06	29.87	−.02	67.9	+5.7	79.1	56.7	91	42	2.91	−0.38	0.0
Minnedosa, Man.	1,690	28.06	29.84	−.05	64.2	+4.6	74.4	54.1	85	45	5.32	+2.32	0.0
Le Pas, Man.	860				64.3		75.1	53.6	86	45	3.89		0.0
Qu'Appelle, Sask.	2,115	27.60	29.81	−.06	61.9	+2.0	73.1	50.6	84	42	4.18	+0.76	0.0
Moose Jaw, Sask.	1,759				65.2		77.6	52.7	92	45	5.73		0.0
Swift Current, Sask.	2,392	27.34	29.81	−.06	63.1	+3.1	75.0	51.1	95	40	2.62	−0.05	0.0
Medicine Hat, Alb.	2,365												
Calgary, Alb.	3,540												
Banff, Alb.	4,521												
Prince Albert, Sask.	1,450	28.32	29.87	.00	62.1	+4.4	72.3	51.9	84	44	5.32	+2.81	0.0
Battleford, Sask.	1,592	28.14	29.85	−.01	60.9	+1.4	72.4	49.4	85	36	3.02	−0.29	0.0
Edmonton, Alb.	2,150												
Kamloops, B. C.	1,262												
Victoria, B. C.	230	29.78	30.03	+.02	58.6	+2.3	67.1	50.2	88	45	0.91	−0.29	0.0
Barkerville, B. C.	4,180												
Estevan Point, B. C.	20												
Prince Rupert, B. C.	170												
Hamilton, Ber.	151	29.95	30.11	−.01	75.7	+0.7	80.3	71.2	86	65	3.17	−2.78	0.0

SEVERE LOCAL STORMS, JUNE, 1932

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Peru to Longton (near), Kans.	1	a. m.	[1] 3			Heavy hail	Crops beaten to ground; path 25 miles long	Official, U. S. Weather Bureau.
Hoxie, Kans. (6 miles northwest.	1	4:30 p. m.	100		$10,000	Tornado	Farm buildings demolished; path 6 miles long	Do.
Evansville and Warsaw, Ind.	1				8,000	Wind and electrical.	Considerable damage, chiefly by lightning	Do.
Sparks, Nebr.	1	p. m.	[1] 2			Rain and hail	Small grains, corn and gardens considerably damaged; path 2 miles long.	Do.
Timber Lake, S. Dak. (west of).	2	3 p. m.	[1] 2		2,000	Hail	Crops injured	Do.
Brookville, Kans. (near)	2	5:30 p. m.				2 tornadoes	Mostly over open country, few farm buildings struck.	Do.
Shenandoah, Iowa (north of).	2	do	100		3,000	do	Fair ground buildings, trees and wires damaged; path 2 miles long.	Do.
Carey (near), Tex.	2	7 p. m.	[1] 2			Heavy hail	75 per cent crop loss	Do.
Norfolk, Nebr.	2	8 p. m.	[1] 3			do	Considerable damage over small area; path 3 miles long.	Do.
Arnett, Okla. (8 miles south).	2					do	Poultry killed, auto tops riddled, gardens ruined.	Do.
Buffalo (near), N. Y.	2				9,000	Thunderstorm	Buildings damaged by lightning	Do.
Knox, La Salle, and Macoupin Counties, Ill.	2				57,500	Wind and electrical.	Many buildings damaged, poles blown down, barn burned, some livestock killed.	Do.
Tribune (near) Kans.	3	3:35-6 p. m.			5,000	Heavy hail	No details	Do.
Otsego County, N. Y. (southern).	3			1		Thunderstorm	Telephone and power lines damaged; crops washed out.	Do.
Solano, Miami, and Bueyeros, N. Mex.	4	a. m.				Heavy hail	Much damage to crops and gardens	Do.
Elkhart (near) to Big Bow (near) Kans.	4	4 p. m.	800		35,000	Tornado	Farm buildings damaged or wrecked; poultry killed; 1 person injured; path 50 miles long.	Do.
Laredo, Tex.	4	10:30 p. m.				Wind	Roofs damaged; signs blown down	Do.
Galena, Ill.	4					Electrical	9 cows and 1 horse killed	Do.
Buffalo, N. Y., and vicinity.	5				5,000	Thunderstorm	Buildings damaged by lightning	Do.
Washington County, Okla. (northern).	5		[1] 10			Heavy hail	Considerable crop injury; minor damage to other property; path 20 miles long.	Do.
Henry County, Iowa	6	6 p. m.	[1] 2			Wind, hail and electrical.	Oats badly damaged, other crops injured; 2 horses killed.	Do.
Mechanicville, Md.	6					Heavy hail	Much damage to crops	Do.
Ulster County, N. Y. (southeast).	6				40,000	do	Chief damage to fruit	Do.
Redig, S. Dak.	7	3 p. m.	[1] 5		3,000	Hail and tornado	Chief damage to crops	Do.
Gill to Slim Butte, S. Dak.	7	6 p. m.	880		3,600	do	do	Do.

[1] Miles instead of yards.