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, 1924

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	79.5	+1.3	Thomasville	102	16	Scottsville	49	3	5.35	+0.94	Spring Hill	14.08	Cochrane	0.73
Alaska														
Arizona	78.7	+2.9	Quartzsite	119	14	Long Valley	24	14	0.14	−0.20	Baboquivari	1.51	33 stations	0.00
Arkansas	78.5	+1.7	Texarkana	105	12	Dutton	42	2	3.64	−0.44	Calico Rock	9.90	Portland	0.27
California	68.8	+0.5	Greenland Ranch	123	†29	Portola	24	16	0.02	−0.31	Crescent City	0.85	190 stations	0.00
Colorado	62.5	+1.1	Lamar	105	18	2 stations	14	†8	0.39	−1.09	Holly	2.80	7 stations	0.00
Florida	81.6	+1.9	2 stations	102	21	DeFuniak Springs	61	5	6.16	−0.29	Lake Wales	14.59	Fort Pierce	0.69
Georgia	79.8	+1.6	do	105	†21	Clayton	45	1	4.59	−0.04	Young Cane	9.09	Dahlonega	1.66
Hawaii	73.1	+0.3	Mahukona	92	†20	Volcano Observatory.	51	29	2.40	−3.27	2 stations	11.00[4]	10 stations	0.00
Idaho	60.6	+0.5	Weiser	110	30	Stanley	16	16	0.61	−0.70	2 stations	2.10	2 stations	T
Illinois	70.0	−1.5	2 stations	98	19	Joliet	35	4	6.82	+2.97	Monmouth	12.02	Paris	1.94
Indiana	70.1	−1.3	Whiting	99	19	2 stations	38	†2	6.23	+2.39	Collegeville	10.19	Shoals	2.80
Iowa	66.8	−2.5	Columbus Junction	96	19	Inwood	35	6	8.10	+3.58	Cumberland	14.92	Sanborn	4.00
Kansas	74.1	+0.9	5 stations	108	†12	2 stations	36	1	2.17	−1.66	Independence	7.94	Trousdale	0.00
Kentucky	74.2	+0.3	2 stations	99	†19	Anchorage	42	1	4.39	+0.30	Ravenna	8.37	Burnside	1.92
Louisiana	82.1	+2.1	3 stations	102	†11	3 stations	55	4	3.01	−1.86	Abbeville	7.78	Minden	0.40
Maryland-Delaware	69.3	−1.3	Frederick, Md	99	20	Oakland, Md	33	5	5.27	+1.19	Wilmington, Del	8.35	Frederick, Md	2.74
Michigan	61.5	−1.9	3 stations	96	†20	Humboldt	25	3	3.22	+0.12	Cassopolis	7.80	Mackinac Island	1.01
Minnesota	61.1	−3.3	Mapleplain	93	14	2 stations	26	†2	4.27	+0.31	Minneapolis No. 1	8.79	Gonvick	1.45
Mississippi	81.3	+2.6	2 stations	103	†16	do	56	†2	3.48	−0.73	Fulton	9.49	Stoneville	0.30
Missouri	72.5	−1.0	Caruthersville	101	†24	Hollister	38	†2	7.39	+2.72	Maryville	13.53	Poplar Bluff	2.62
Montana	57.1	−2.6	Thompson Falls	101	30	Brenner	17	7	2.73	−0.03	Babb	7.98	Brenner	0.21
Nebraska	67.1	−2.1	Imperial	102	18	Harrison	32	20	4.27	+0.48	Norfolk	12.28	McCook	0.18
Nevada	66.7	+2.0	Logandale	113	29	Rye Patch	19	19	0.09	−0.46	Tuscarora	0.62	27 stations	0.00
New England	61.9	−2.2	New Bedford, Mass.	93	24	Garfield, Vt	26	1	2.02	−1.21	Nantucket, Mass	4.51	Presque Isle, Me	0.76
New Jersey	66.8	−1.8	2 stations	95	25	Charlotteburg	30	1	4.20	+0.48	Imlaystown	7.32	Charlotteburg	1.72
New Mexico	72.1	+3.1	do	111	†18	Lee's Ranch	18	†10	0.41	−0.96	Tucumcari No. 2	3.45	28 stations	0.00
New York	62.8	−2.0	Dansville	94	20	3 stations	27	†1	2.75	−0.84	Binghamton	5.38	Moira	1.10
North Carolina	74.6	+1.6	Kinston	105	21	Mount Mitchell	35	3	5.31	+0.04	Red Springs	12.53	Cullowhee	0.98
North Dakota	58.6	−4.2	Bottineau	89	30	Grafton	26	7	4.17	+0.67	Bowbells	7.57	Pembina	1.85
Ohio	68.0	−1.3	Green	99	20	Paulding	35	7	6.38	+2.60	West Manchester	12.21	Marietta Exp. Farm	3.01
Oklahoma	80.5	+4.0	4 stations	113	18	2 stations	40	1	3.35	−0.57	Webbers Falls	10.72	Kenton	0.29
Oregon	61.9	+1.8	Echo	112	30	Fremont	17	8	0.74	−0.54	Headworks	3.13	Falls City	0.00
Pennsylvania	65.8	−1.7	Gettysburg	98	20	West Bingham	26	1	5.57	+1.47	Biglerville	9.75	Scranton	2.23
Porto Rico	78.1	−0.3	2 stations	98	†6	Utuado	55	18	5.35	−1.25	Lares	18.70	Potala	0.21
South Carolina	78.7	+1.1	7 stations	104	†20	2 stations	52	†4	5.12	+0.28	Georgetown	13.02	Calhoun Falls	1.04
South Dakota	62.6	−3.3	3 stations	100	14	La Delle	28	6	4.88	+1.34	La Delle	10.43	Elm Springs (near)	0.56
Tennessee	75.9	+1.4	Loudon	101	20	Johnson City	41	1	3.42	−1.04	Johnsonville	6.72	Nashville	0.91
Texas	82.1	+1.9	2 stations	114	†15	Lieb (near)	41	1	2.12	−1.07	Ricardo	12.42	7 stations	0.00
Utah	66.5	+2.2	St. George	110	29	Panguitch	17	†8	0.12	−0.52	High Line City Creek.	0.71	50 stations	0.00
Virginia	71.2	−0.7	Franklin	102	20	Burkes Garden	35	5	4.98	+0.49	Cape Henry	8.98	Quantico	1.31
Washington	61.0	+1.1	Wahluke	110	30	Paradise Inn	16	6	0.91	−0.57	2 stations	3.03	Yakima	0.04
West Virginia	68.7	−0.1	2 stations	98	20	Cheat Bridge	32	5	4.67	+0.08	Sutton	7.63	Upper Tract	1.90
Wisconsin	61.1	−3.6	Oconto	92	21	Long Lake	24	7	4.23	+0.29	Williams Bay	8.72	Plum Island	1.57
Wyoming	57.8	−0.7	Yoder	99	26	Gallatin	13	7	0.65	−0.91	Colony	2.93	6 stations	0.00

For description of tables and charts, see REVIEW, January, 1924, pp. 56–57.

† Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1924*

Districts and stations	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 0.01, 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							62.1	−1.4										76	2.11	−1.0										5.4		
Eastport	76	67	85	29.82	29.90	−.03	55.0	−0.1	76	26	64	42	6	46	27	50	46	78	1.92	−1.3	10	5,811	s.	31	ne.	15	5	11	14	6.3	0.0	0.0
Greenville, Me.	1,070	6		28.76	29.90		57.8		82	23	70	34	3	46	38				1.75		14		nw.				15	5	10		0.0	0.0
Portland, Me.	103	82	117	29.82	29.94	−.01	61.6	−0.9	87	24	70	44	1	53	31	55	49	67	1.74	−1.6	9	5,985	s.	26	nw.	1	10	10	10	5.3	0.0	0.0
Concord	288	70	79	29.62	29.92	−.04	62.4	−0.5	87	24	76	37	1	49	40				1.59	−1.8	6	3,454	n.	23	sw.	6	13	11	6	4.3	0.0	0.0
Burlington	404	11	48	29.48	29.91	−.05	61.8	−2.0	83	24	73	33	1	51	34				2.90	−0.4	10	6,426	s.	42	s.	6	7	13	10	5.9	0.0	0.0
Northfield	876	12	60	28.99	29.93	−.03	58.6	−4.1	83	24	73	30	1	44	42	56	53	79	2.51	−0.7	7	4,595	s.	29	sw.	29	3	14	13	6.6	0.0	0.0
Boston	125	115	188	29.80	29.93	−.03	66.6	+0.1	90	24	75	48	11	58	25	58	53	66	1.07	−2.0	6	6,343	sw.	30	se.	21	10	14	6	5.3	0.0	0.0
Nantucket	12	14	90	29.93	29.94	−.04	59.8	−1.5	81	22	66	44	11	53	22	56	55	88	4.51	+2.1	10	9,366	sw.	42	n.	15	10	7	13	6.0	0.0	0.0
Block Island	26	11	46	29.91	29.94	−.03	60.5	−1.3	78	22	66	47	11	55	17	57	55	88	2.56	−0.3	12	9,007	sw.	37	n.	25	13	8	9	5.0	0.0	0.0
Providence	160	215	251	29.77	29.94	−.03	65.0	−3.3	88	22	74	44	11	56	24	58	53	68	1.05	−2.1	7	5,795	s.	43	nw.	25	10	12	8	5.1	0.0	0.0
Hartford	159	122	140	29.77	29.94	−.03	66.2	−0.9	86	22	76	47	1	56	27				1.62	−1.5	10		s.				13	7	10	4.8	0.0	0.0
New Haven	106	74	153	29.83	29.94	−.03	65.6	−1.0	90	25	74	48	1	57	28	59	54	71	1.75	−1.4	11	5,358	s.	35	n.	25	9	12	9	5.0	0.0	0.0
Middle Atlantic States							68.8	−1.4										77	4.51	+0.8										6.2		
Albany	97	102	115	29.82	29.92	−.05	65.8	−2.2	89	29	76	42	1	56	33	60	55	71	1.86	−1.9	11	5,086	s.	33	s.	29	14	6	10	5.1	0.0	0.0
Binghamton	871	10	84	29.00	29.92	−.05	64.1	−2.1	86	19	74	38	1	54	38				5.38	+1.8	12	3,417	ne.	29	sw.	29	5	13	12	6.4	0.0	0.0
New York	314	414	454	29.62	29.95	−.03	66.8	−2.0	87	25	74	51	9	59	25	60	55	72	2.74	−0.5	10	8,668	s.	74	sw.	25	1	16	13	7.1	0.0	0.0
Harrisburg	374	94	104	29.57	29.96	−.03	68.4	−1.9	94	20	77	51	2	60	27	61	57	72	6.47	+2.9	18	3,805	w.	33	w.	25	3	11	16	6.9	0.0	0.0
Philadelphia	114	123	190	29.83	29.96	−.02	69.3	−2.1	92	21	78	51	9	61	28	62	58	71	4.31	+1.0	13	5,514	w.	31	ne.	25	2	9	19	7.7	0.0	0.0
Reading	325	81	98	29.61	29.95		68.0		90	25	77	50	1	59	28	63	60	79	5.15	+1.5	14	3,943	se.	34	nw.	25	6	15	9	6.0	0.0	0.0
Scranton	805	111	119	29.11	29.96	−.02	65.4	−1.8	86	29	75	39	1	56	30	62	59	80	2.23	−1.3	14	4,069	s.	33	sw.	29	7	10	13	6.0	0.0	0.0
Atlantic City	52	37	172	29.89	29.95	−.03	66.3	−0.3	89	21	72	53	1	61	23	62	60	83	3.56	+0.5	11	9,972	s.	53	w.	25	7	14	9	5.4	0.0	0.0
Cape May	17	13	49	29.97	29.99	+.01	67.8	+0.1	89	21	75	52	10	60	23	63	61	86	3.86	+0.8	15	4,926	s.	35	nw.	25	9	6	15	6.4	0.0	0.0
Sandy Hook	22	10	55	29.92	29.94		66.2		89	25	73	52	8	59	24	60	58	79	3.61		15	7,137	s.	56	w.	25	2	17	11	6.4	0.0	0.0
Trenton	190	159	183	29.75	29.95		67.8		90	25	77	50	1	59	28	62	59	78	5.31	+1.8	14	6,217	sw.	62	nw.	25	3	13	14	7.0	0.0	0.0
Baltimore	123	100	113	29.82	29.95	−.04	71.2	−1.5	96	20	79	53	2	63	24	64	60	73	5.54	+1.7	13	3,816	s.	26	ne.	20	7	8	15	6.7	0.0	0.0
Washington	112	62	85	29.83	29.95	−.05	71.3	−0.9	95	20	81	50	1	62	27	65	62	76	3.89	−0.3	14	3,649	s.	36	nw.	8	5	16	9	6.0	0.0	0.0
Cape Henry	18	8	54	29.92	29.94		72.2		94	29	79	58	3	66	25	68	66	84	8.98	+4.6	16	7,888	se.	68	nw.	21	3	17	10	6.3	0.0	0.0
Lynchburg	681	153	188	29.21	29.94	−.07	72.1	−2.5	97	20	82	48	5	62	32	66	64	78	3.58	−0.3	16	4,100	w.	58	n.	8	6	14	10	5.9	0.0	0.0
Norfolk	91	170	205	29.87	29.97	−.03	73.9	−0.5	98	20	82	58	3	66	28	67	65	81	6.46	+2.1	15	7,919	s.	60	w.	29	2	15	13	6.8	0.0	0.0
Richmond	144	11	52	29.81	29.95	−.06	72.8	−1.3	96	20	82	55	5	64	29	67	65	80	4.85	+1.3	20	4,462	se.	46	nw.	18	11	6	13	5.5	0.0	0.0
Wytheville	2,304	49	55	27.65	29.96	−.05	68.7	0.0	88	20	79	45	5	58	30	63	61	80	2.01	−2.1	16	3,550	w.	30	w.	29	12	13	5	4.6	0.0	0.0
South Atlantic States							77.9	+1.4										79	5.34	+0.4										5.6		
Asheville	2,255	70	84	27.69	29.97	−.04	71.4	+2.7	91	29	81	50	5	62	29	64	62	79	1.91	−2.3	15	4,410	n.	28	nw.	9	9	18	3	4.6	0.0	0.0
Charlotte	779	55	62	29.14	29.96	−.05	77.0	+1.5	100	20	88	57	4	66	28	69	66	75	7.86	+3.4	12	2,372	sw.	30	nw.	14	6	17	7	6.0	0.0	0.0
Hatteras	11	11	50	29.95	29.96	−.05	74.4	−1.2	90	21	80	60	15	69	18	71	70	86	7.15	+2.8	12	8,753	sw.	42	nw.	22	9	12	9	5.4	0.0	0.0
Manteo	12	5	42				73.9		97	20		51	15		30				7.84		7		s.				17	8	5		0.0	0.0
Raleigh	376	103	110	29.56	29.95	−.06	75.9	+0.2	100	21	86	57	4	66	31	69	66	79	6.75	+2.0	13	5,001	sw.	33	ne.	13	5	15	10	6.0	0.0	0.0
Wilmington	78	81	91	29.90	29.97	−.04	77.4	+0.6	99	20	86	62	4	69	25	72	71	84	8.23	+2.6	20	4,796	sw.	30	n.	13	7	15	8	5.6	0.0	0.0
Charleston	48	11	92	29.93	29.98	−.03	81.2	+2.3	101	21	88	66	4	74	20	75	73	80	2.39	−3.0	10	7,239	sw.	36	w.	30	6	15	9	5.9	0.0	0.0
Columbia, S. C.	351	41	57	29.60	29.97	−.04	79.7	+1.6	102	20	90	61	4	70	27	72	70	82	5.45	+1.3	10	4,182	s.	35	s.	26	6	17	7	5.4	0.0	0.0
Due West	711	10	55	29.20	29.99		77.6		99	20	89	57	4	67	27				2.87		11	5,122	sw.	38	nw.	9	5	17	8	5.9	0.0	0.0
Greenville, S. C.	1,039	113	122	28.88	29.95		76.6	+2.5	99	20	86	57	4	67	28	69	65	74	2.26		10	4,940	sw.	50	nw.	24	7	20	3	5.0	0.0	0.0
Augusta	180	62	77	29.77	29.96	−.05	80.7	+2.0	102	21	91	60	4	70	27	73	70	75	5.56	+1.0	13	3,515	s.	33	se.	24	6	18	6	5.4	0.0	0.0
Savannah	65	150	194	29.91	29.98	−.03	81.3	+2.3	101	21	91	65	4	72	24	73	71	80	3.86	−2.2	14	7,293	sw.	44	w.	24	11	14	5	5.2	0.0	0.0
Jacksonville	43	209	245	29.95	30.00	−.01	81.2	+1.3	98	21	90	67	7	73	26	73	71	78	4.21	−1.3	17	6,938	sw.	69	sw.	24	2	20	8	6.2	0.0	0.0
Florida Peninsula							82.1	+1.3										75	5.25	−1.3										5.0		
Key West	22	10	64	29.97	29.99	.00	83.2	+1.3	90	9	88	72	14	78	18	76	73	72	3.18	−1.1	10	5,449	se.	30	se.	6	13	13	4	4.4	0.0	0.0
Miami	25	71	79	29.99	30.02		81.1	+0.7	90	14	87	68	10	75	20	75	72	76	4.22	−2.9	12	4,156	se.	32	nw.	16	8	13	9	5.3	0.0	0.0
Sand Key	23	39	72	29.98	30.01	+.02	81.8		87	9	84	71	6	80	12	76	74	74	1.14		5	6,822	se.	50	e.	6	15	13	2	3.9	0.0	0.0
Tampa	35	79	87	29.97	30.00	−.01	82.0	+2.0	94	29	90	68	10	74	26	74	72	77	8.36	0.0	16	3,489	e.	40	w.	17	0	23	7	6.3	0.0	0.0
East Gulf States							80.1	+1.6										77	5.27	+0.7										5.4		
Atlanta	1,174	190	216	28.78	29.99	−.02	77.6	+1.6	93	19	86	59	3	69	21	69	66	71	3.14	−0.7	10	5,985	nw.	48	nw.	1	11	7	12	5.5	0.0	0.0
Macon	370	78	87	29.58	29.97	−.04	79.9	+1.0	98	20	90	61	3	70	25	71	68	72	4.48	+0.9	15	3,565	sw.	37	nw.	24	5	19	6	5.7	0.0	0.0
Thomasville	273	49	58	29.70	29.99	−.01	80.6	+1.1	98	21	91	66	7	71	27	73	71	80	7.19	+2.5	17	2,792	sw.	20	sw.	21	0	15	15	7.3	0.0	0.0
Apalachicola	36	42	49	29.95	29.99		81.2		92	22	87	69	3	75	18	76	74	81	4.44		12	3,998	sw.	24	sw.	9	14	12	4	4.5	0.0	0.0
Pensacola	56	149	185	29.93	29.99	.00	79.3	0.0	91	21	85	67	3	73	20	75	73	81	7.11	+2.2	14	7,126	sw.	48	e.	14	1	18	11	6.8	0.0	0.0
Anniston	741	9	57	29.23	30.01	+.01	77.6	+2.6	95	25	89	57	4	67	28				3.92	0.0	14	2,521	w.	30	n.	9	13	14	3	4.3	0.0	0.0
Birmingham	700	11	48	29.25	30.00	+.01	78.9	+1.0	96	25	89	60	4	69	28	71	68	76	6.85	+3.0	13	3,368	s.	26	s.	28	6	18	6	5.1	0.0	0.0
Mobile	57	125	161	29.93	29.99	.00	81.5	+1.9	98	14	90	67	16	74	24	75	73	82	9.39	+3.4	15	5,553	sw.	56	ne.	16	3	24	3	5.2	0.0	0.0
Montgomery	223	100	112	29.74	29.98	−.02	80.8	+1.2	95	15	90	63	3	71	24	73	70	77	4.68	+0.5	14	3,718	sw.	35	w.	25	2	21	7	6.4	0.0	0.0
Corinth	469	6					79.6		96	18	90	57	2	70	27				3.84		10		s.				4	24	2		0.0	0.0
Meridian	375	85	93	29.58	29.96	−.02	80.7	+2.6	96	16	90	62	4	71	26	73	71	77	4.77	+0.2	12	3,456	sw.	30	nw.	16	7	19	4	5.0	0.0	0.0
Vicksburg	247	65	73	29.71	29.99	+.02	81.0	+2.0	96	15	90	65	4	73	26	74	71	76	2.17	−2.3	4	4,066	sw.	36	se.	19	18	7	5	3.7	0.0	0.0
New Orleans	53	76	84	29.93	29.98	.00	83.3	+2.7	96	13	91	71	2	76	19	75	73	74	4.27	−1.9	12	3,663	s.	26	ne.	16	10	15	5	4.8	0.0	0.0
West Gulf States							80.9	+1.8										74	3.22	−0.4										3.6		
Shreveport	249	77	93	29.68	29.94	−.02	82.5	+2.9	98	14	92	63	3	73	22	73	69	70	1.04	−2.5	4	4,954	s.	25	s.	11	18	8	4	3.0	0.0	0.0
Bentonville	1,303	11	44				75.5	+1.4	93	13	85	50	2	66	27				4.74		11	3,979	s.	24	s.	9	12	9	9		0.0	0.0
Fort Smith	457	79	94	29.42	29.88	−.06	80.0	+2.5	99	28	90	55	2	70	29	72	68	70	3.96	0.0	8	6,052	s.	51	w.	9	10	15	5	4.6	0.0	0.0
Little Rock	357	136	144	29.56	29.92	−.04	79.3	+1.9	95	15	88	60	3	70	25	72	68	73	2.89	−1.2	13	6,528	s.	34	nw.	10	13	10	7	4.4	0.0	0.0
Brownsville	57	53	61	29.83	29.89		82.6		93	14	90	69	3	76	19	76	74	81	7.00		7	5,589	s.	22	s.	8	22	6	2	2.6	0.0	0.0
Corpus Christi	20	11	73	29.92	29.94	+.04	81.8	+1.2	91	16	87	72	4	76	17	76	75	82	9.40	+6.7	4	9,225	s.	40	se.	21	19	6	5	2.7	0.0	0.0
Dallas	512	109	117	29.37	29.90		83.3		102	15	93	61	3	74	26				1.65		5	7,794	s.	29	se.	7	16	13	1	3.4	0.0	0.0
Fort Worth	670	106	114	29.17	29.87	−.05	83.4	+3.3	105	15	94	60	3	73	28	71	66	62	1.25	−1.7	4	9,132	s.	39	nw.	2	16	12	2	3.4	0.0	0.0
Galveston	54	106	114	29.91	29.98	+.03	81.5	+0.8	89	30	86	68	2	78	15	76	74	82	2.51	−2.2	3	7,733	s.	38	se.	20	21	5	4	2.8	0.0	0.0
Groesbeck	461	11	56	29.44	29.91		80.7		95	13	90	62	3	72	23				1.09		5	8,283	s.	34	nw.	2	13	14	3	3.9	0.0	0.0
Houston	138	111	121	29.81	29.94		82.4	+1.4	96	13	91	69	4	74	22				3.67		5	4,854	s.	27	e.	20	12	13	5	4.3	0.0	0.0
Palestine	510	64	72	29.42	29.94	.00	80.3	+1.3	94	13	89	61	3	72	22	72	69	73	2.68	−1.3	4	5,680	s.	24	s.	10	16	10	4	4.0	0.0	0.0
Port Arthur	34	58	66	29.92	29.96		82.1		93	15	88	67	2	76	18	76	73	79	4.50		5	6,367	s.	31	w.	2	20	4	6	3.5	0.0	0.0
San Antonio	693	119	132	29.20	29.92	+.02	81.2	+0.8	97	15	91	63	1	72	25	72	68	71	4.66	+1.6	5	5,787	s.	45	nw.	1	17	11	2	3.5	0.0	0.0
Taylor	583	55	63	29.35	29.96	+.04	81.9	+1.9	98	15	92	63	3	72	26				0.55	−3.0	3	7,528	s.	26	s.	18	15	11	4	3.7	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1924*—Continued

Districts and stations	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 0.01, 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							**72.7**	**−0.1**										**74**	**4.50**	**+0.3**										**6.1**		
Chattanooga	762	189	213	29.17	29.96	−.04	76.8	+1.4	94	20	86	56	1	68	27	69	66	73	3.84	−0.5	14	4,545	sw.	36	nw.	25	6	19	5	5.4	0.0	0.0
Knoxville	996	102	111	28.93	29.96	−.04	76.2	+2.2	96	20	86	55	5	66	31	69	66	74	3.75	−0.4	11	4,186	sw.	29	w.	25	0	11	19	7.7	0.0	0.0
Memphis	399	76	97	29.52	29.94	−.03	78.6	+1.0	94	17	86	58	2	71	24	71	68	71	3.62	−0.8	11	4,278	sw.	35	nw.	14	9	13	8	5.0	0.0	0.0
Nashville	546	168	191	29.40	29.97	−.02	77.0	+1.4	94	20	86	55	1	68	24	70	66	72	0.91	−3.5	8	5,414	sw.	34	nw.	13	6	18	6	5.6	0.0	0.0
Lexington	989	193	230	28.90	29.94	−.06	73.0	+0.8	92	20	82	53	2	64	27	----	----	----	4.04	0.0	15	7,704	sw.	48	sw.	29	7	15	8	5.6	0.0	0.0
Louisville	525	219	255	29.37	29.95	−.03	74.4	−0.3	93	19	83	53	2	66	25	67	64	72	6.20	+2.0	17	6,740	sw.	42	nw.	26	2	18	10	6.0	0.0	0.0
Evansville	431	139	175	29.48	29.94	−.03	75.4	+0.3	94	20	84	53	2	66	28	68	64	72	4.03	−0.1	13	6,947	sw.	58	sw.	20	2	23	5	6.0	0.0	0.0
Indianapolis	822	194	230	29.06	29.93	−.04	70.4	−1.2	93	19	79	45	2	62	25	64	60	75	4.04	−0.3	12	6,877	s.	50	w	20	4	19	7	5.9	0.0	0.0
Royal Center	736	11	55	29.13	29.92	------	66.2	------	92	19	76	41	2	56	29	----	----	----	6.57	------	16	5,798	n.	48	w.	22	6	11	13	6.5	0.0	0.0
Terre Haute	575	96	129	29.31	29.92	------	71.4	------	94	19	80	48	2	63	27	66	64	79	3.52	------	15	5,940	s.	44	nw.	5	0	22	8	6.6	0.0	0.0
Cincinnati	628	11	51	29.26	29.93	−.06	71.4	+0.2	94	20	81	47	4	62	27	----	64	76	6.75	+2.8	14	3,986	sw.	34	sw.	28	5	17	8	6.2	0.0	0.0
Columbus	824	179	222	29.08	29.94	−.05	69.0	−1.9	93	20	78	51	4	60	25	64	61	78	5.37	+1.9	16	5,562	sw.	36	nw'	29	4	14	12	6.4	0.0	0.0
Dayton	899	137	173	28.98	29.92	------	70.0	−2.2	93	20	79	51	7	61	26	64	60	73	7.59	+3.6	17	5,439	ne.	38	nw.	5	6	18	6	5.6	0.0	0.0
Elkins	1,947	59	67	27.96	29.95	−.05	66.5	−0.4	88	19	77	39	5	56	35	61	59	81	5.18	+0.1	16	3,025	nw.	35	nw.	8	1	14	15	7.1	0.0	0.0
Parkersburg	638	77	84	29.31	29.96	−.04	71.0	−0.4	95	20	81	49	5	61	28	64	60	72	3.25	−1.4	10	3,210	s.	36	nw.	9	9	10	11	5.6	0.0	0.0
Pittsburgh	842	353	410	29.05	29.94	−.05	68.6	−2.1	91	20	77	50	5	60	26	61	56	67	4.39	+0.5	13	6,305	sw.	39	w.	25	4	15	11	6.4	0.0	0.0
Lower Lake Region							**64.2**	**−2.6**										**73**	**3.85**	**+0.3**										**5.5**		
Buffalo	767	247	280	29.12	29.94	−.03	62.4	−2.0	82	19	70	44	9	55	25	57	53	75	2.69	−0.4	11	9,535	sw.	80	w.	21	9	13	8	5.6	0.0	0.0
Canton	448	10	61	29.42	29.89	------	62.0	−3.8	80	21	73	39	9	51	34	----	----	----	2.08	−1.4	11	6,684	sw.	42	sw.	29	21	7	2	2.8	0.0	0.0
Oswego	335	76	91	29.56	29.92	−.05	60.7	−4.1	84	20	69	44	8	52	28	55	51	71	4.13	+0.7	12	5,314	w.	40	sw.	21	7	11	12	5.7	0.0	0.0
Rochester	523	86	102	29.38	29.94	−.03	64.4	−1.7	86	20	74	43	1	55	30	57	52	66	2.81	−0.3	11	4,599	sw.	50	w.	21	11	14	5	5.2	0.0	0.0
Syracuse	597	97	113	29.31	29.95	−.02	63.6	−3.3	84	20	72	43	9	55	31	----	----	----	1.97	−1.9	12	5,225	s.	52	sw.	21	5	14	11	6.2	0.0	0.0
Erie	714	130	166	29.17	29.93	−.05	64.7	−1.5	88	20	72	48	1	57	23	59	55	72	2.93	−0.8	9	8,313	w.	52	nw.	20	6	18	6	5.2	0.0	0.0
Cleveland	762	190	201	29.12	29.94	−.04	64.8	−2.3	90	20	72	49	8	58	27	59	56	73	5.73	+2.0	18	6,821	s.	60	nw.	20	2	18	10	6.6	0.0	0.0
Sandusky	629	62	70	29.25	29.93	−.05	66.0	−2.8	92	20	74	46	2	58	29	----	----	----	7.68	+3.9	17	4,449	sw.	56	nw.	28	3	16	11	6.5	0.0	0.0
Toledo	628	208	243	29.26	29.93	−.04	66.4	−2.3	92	20	75	43	4	58	26	61	58	76	5.35	+2.0	19	7,883	sw.	55	w.	28	10	13	7	5.3	0.0	0.0
Fort Wayne	856	113	124	29.03	29.95	------	66.0	−2.5	90	20	75	44	2	57	28	62	59	81	5.80	------	16	5,110	sw.	39	nw.	22	1	14	15	6.9	0.0	0.0
Detroit	730	218	258	29.16	29.94	−.03	65.6	−1.8	93	20	74	47	9	57	26	58	53	67	3.15	−0.7	12	6,182	sw.	33	nw.	20	14	10	6	4.4	0.0	0.0
Upper Lake Region							**60.5**	**−2.6**										**72**	**3.06**	**−0.3**										**5.8**		
Alpena	609	13	92	29.27	29.93	−.03	58.4	−2.0	85	22	68	36	8	49	28	53	49	72	2.95	−0.6	9	6,896	se.	35	se.	5	8	13	9	5.6	0.0	0.0
Escanaba	612	54	60	29.26	29.92	−.02	57.9	−2.8	82	21	66	38	7	49	27	52	48	70	1.46	−2.1	9	6,262	s.	32	n.	28	10	15	5	5.0	0.0	0.0
Grand Haven	632	54	89	29.24	29.91	−.05	61.4	−2.3	85	20	70	45	7	53	28	57	54	77	3.06	+0.6	14	6,232	w.	33	w.	20	8	13	9	5.6	0.0	0.0
Grand Rapids	707	70	87	29.17	29.93	−.04	65.2	−2.9	90	20	75	44	7	55	28	58	54	68	3.18	+0.7	12	3,831	w.	25	w.	6	4	13	13	6.7	0.0	0.0
Houghton	668	62	99	29.19	29.91	−.03	56.6	−3.4	81	22	66	37	8	47	32	----	----	----	1.69	−1.8	11	7,101	w.	39	w.	6	13	10	7	4.8	0.0	0.0
Lansing	878	11	62	28.99	29.92	------	64.2	−3.2	91	20	75	40	7	53	30	59	55	76	4.94	+1.5	18	2,918	w.	22	nw.	20	6	19	5	5.7	0.0	0.0
Ludington	637	60	66	29.23	29.92	------	58.4	------	84	19	67	40	3	50	25	54	50	76	1.14	------	13	5,572	s.	30	n	29	10	13	7	5.1	0.0	0.0
Marquette	734	77	111	29.14	29.95	+.01	56.0	−2.5	84	22	64	38	8	48	30	50	44	64	1.36	−2.2	13	5,771	nw.	29	sw.	16	8	8	14	5.9	0.0	0.0
Port Huron	638	70	120	29.23	29.92	−.05	62.4	−1.8	91	20	72	41	4	53	30	56	52	71	3.17	−0.1	14	6,227	ne.	42	nw.	20	6	20	4	4.6	0.0	0.0
Saginaw	641	69	77	29.24	29.93	------	64.2	−2.7	90	20	75	42	9	54	31	57	52	67	1.79	−0.8	8	5,056	sw.	25	sw.	6	4	11	15	6.9	0.0	0.0
Sault St. Marie	614	11	52	29.23	29.92	−.04	56.2	−2.4	79	22	67	37	4	45	34	51	46	69	1.39	−1.4	10	4,828	nw.	35	nw.	6	10	16	4	4.8	0.0	0.0
Chicago	823	140	310	29.06	29.94	−.02	64.5	−3.7	94	19	72	48	8	57	31	57	53	72	6.60	+2.9	17	6,890	n.	38	ne.	8	4	11	15	6.5	0.0	0.0
Green Bay	617	109	144	29.24	29.90	−.05	62.3	−2.8	82	21	71	44	3	54	26	56	52	71	2.74	−0.8	14	6,583	s.	40	ne.	28	4	13	13	6.5	0.0	0.0
Milwaukee	681	125	139	29.20	29.92	−.03	61.2	−2.7	89	19	69	43	7	53	33	56	52	75	4.56	+0.9	12	5,547	ne.	28	ne.	12	4	10	16	6.9	0.0	0.0
Duluth	1,133	11	47	28.71	29.92	−.03	55.9	−1.3	82	22	66	36	7	46	33	51	46	73	3.92	−0.6	14	8,661	ne.	48	nw.	22	4	17	9	6.1	0.0	0.0
North Dakota							**59.9**	**−3.4**										**67**	**5.20**	**+1.5**										**6.1**		
Moorhead	940	50	58	28.89	29.90	.00	61.2	−3.2	84	14	72	35	6	50	34	55	49	66	4.37	+0.2	11	5,294	sw.	29	nw.	5	10	13	7	5.1	0.0	0.0
Bismark	1,674	8	57	28.18	29.94	+.07	60.4	−3.3	84	21	71	42	1	50	36	54	50	71	6.21	+2.7	16	6,064	n.	78	w.	18	3	10	17	7.0	0.0	0.0
Devils Lake	1,478	11	44	28.34	29.90	+.02	59.0	−3.6	83	16	71	33	6	48	34	52	46	65	3.44	−0.1	11	6,492	w.	44	w.	19	12	9	9	5.1	0.0	0.0
Ellendale	1,457	10	56	28.36	29.91	------	59.7	------	83	14	71	34	6	49	39	----	----	----	3.74	------	15	8,165	nw.	44	nw.	5	3	15	12	6.3	0.0	0.0
Grand Forks	835	12	89	------	------	------	60.5	------	88	16	73	34	6	48	38	54	----	----	2.07	------	11	------	nw.	36	sw.	20	8	15	7	7.0	0.0	0.0
Williston	1,878	41	48	27.95	29.91	+.05	59.0	−3.7	79	16	69	40	6	49	29	52	46	67	6.78	+3.2	14	5,174	ne.	35	se.	7	6	15	9	5.9	0.0	0.0
Upper Mississippi Valley							**68.6**	**−2.3**										**75**	**6.42**	**+2.1**										**6.2**		
Minneapolis	918	102	208	28.92	29.88	------	64.6	------	86	14	74	44	6	55	29	----	----	----	7.35	+3.3	12	7,176	w.	55	w.	19	5	14	11	6.1	0.0	0.0
St. Paul	837	236	261	28.99	29.88	−.04	63.6	−3.5	85	14	73	44	6	54	27	----	----	----	7.24	+2.8	11	7,646	sw.	50	ne.	22	5	21	4	5.1	0.0	0.0
La Crosse	714	11	48	29.13	29.89	−.04	64.4	−3.9	86	19	74	43	1	55	29	----	----	----	6.04	+1.6	15	2,719	w.	19	nw.	30	7	6	17	6.9	0.0	0.0
Madison	974	70	78	28.90	29.93	−.01	63.8	−3.4	86	19	72	45	8	56	23	58	54	74	4.13	0.0	12	4,817	s.	30	ne.	7	4	8	18	7.0	0.0	0.0
Wausau	1,247	4	----	28.62	29.94	------	59.0	------	81	14	69	30	7	49	27	----	----	----	2.41	------	14	------	e.	----	----	----	9	5	16	5.9	0.0	0.0
Charles City	1,015	10	49	28.84	29.90	−.01	64.8	−4.0	86	19	75	43	3	55	27	59	55	73	4.04	−1.1	15	4,272	se.	30	se.	28	5	17	8	6.0	0.0	0.0
Davenport	606	71	79	29.25	29.90	−.04	68.0	−2.5	92	19	77	48	3	59	27	62	59	75	9.01	+4.9	17	4,758	e.	30	n.	13	6	13	11	6.6	0.0	0.0
Des Moines	861	84	97	29.00	29.89	−.03	69.0	−1.6	88	13	78	47	6	60	26	63	60	75	9.30	+4.3	14	4,888	se.	45	nw.	28	7	14	9	5.7	0.0	0.0
Dubuque	700	81	96	29.15	29.89	−.04	66.0	−3.4	90	19	74	47	3	58	28	60	56	73	5.37	+0.8	14	3,881	se.	31	n.	2	3	11	16	7.3	0.0	0.0
Keokuk	614	64	78	29.24	29.90	−.04	70.4	−2.1	93	19	79	50	3	62	27	64	60	73	5.94	+1.6	12	4,818	e.	36	nw.	20	6	12	12	6.4	0.0	0.0
Cairo	358	87	93	29.55	29.92	−.05	75.9	−0.4	93	19	84	56	2	68	25	69	67	78	4.78	+0.5	16	5,542	s.	30	n.	17	3	13	14	6.8	0.0	0.0
Peoria	609	11	45	29.27	29.93	−.02	69.2	−1.7	95	19	79	48	6	60	25	63	60	76	8.08	+3.8	15	3,701	se.	48	nw.	28	11	12	7	4.8	0.0	0.0
Springfield, Ill	636	10	91	29.22	29.89	−.06	71.1	−1.1	94	19	80	51	4	62	27	65	62	78	5.47	+1.2	15	5,033	se.	31	nw.	24	5	18	7	5.8	0.0	0.0
Hannibal	534	74	109	29.33	29.89	−.06	71.6	−0.9	93	19	80	51	3	63	25	----	----	----	6.38	+2.9	13	5,405	s.	35	se.	12	6	13	11	5.9	0.0	0.0
St. Louis	568	265	303	29.30	29.90	−.05	73.4	−1.4	93	28	82	54	2	65	23	67	64	75	6.80	+2.3	18	8,307	s.	67	se.—	17	3	12	15	6.5	0.0	0.0
Missouri Valley							**69.0**	**−1.7**										**73**	**5.89**	**+1.6**										**5.3**		
Columbia, Mo	784	11	84	29.06	29.88	−.07	71.8	−1.0	92	19	81	49	2	63	31	----	----	----	7.72	+3.3	17	4,965	se.	48	nw.	24	4	17	9	6.0	0.0	0.0
Kansas City	963	161	181	28.86	29.87	−.05	72.4	−1.2	95	19	81	52	1	63	28	66	63	75	7.87	+3.2	18	7,448	e.	55	n.	26	9	17	4	5.0	0.0	0.0
St. Joseph	967	11	49	28.86	29.87	------	71.6	------	91	14	81	50	3	62	30	65	62	75	10.36	------	20	5,871	se.	57	nw.	12	16	10	4	3.9	0.0	0.0
Springfield, Mo	1,324	98	104	28.53	29.91	−.04	72.4	−0.1	89	28	81	51	2	64	23	67	64	77	7.61	+2.4	12	7,409	s.	43	nw.	15	16	11	3	3.7	0.0	0.0
Iola	984	11	50	28.82	29.84	−.09	75.3	+1.9	95	13	86	50	2	65	30	----	----	----	3.38	−1.4	7	4,819	s.	32	n.	23	11	12	7	4.8	0.0	0.0
Topeka	987	92	107	------	------	------	73.0	−0.4	96	18	83	52	30	63	27	----	----	----	1.97	−2.8	13	7,741	se.	53	n.	22	9	16	5	4.7	0.0	0.0
Drexel	1,299	10	54	28.50	29.87	------	66.6	------	88	22	76	44	6	57	27	----	----	----	8.29	------	21	6,434	se.	46	w.	22	6	16	8	5.7	0.0	0.0
Lincoln	1,189	11	84	28.63	29.87	−.03	69.1	−2.3	91	22	79	48	7	59	30	62	58	72	4.32	0.0	17	6,981	n.	54	nw.	24	8	15	7	5.6	0.0	0.0
Omaha	1,105	115	122	28.73	29.89	−.02	69.0	−2.6	90	22	79	47	7	59	30	63	60	75	9.08	+4.0	16	5,600	se.	52	nw.	24	5	19	6	5.7	0.0	0.0
Valentine	2,598	47	54	27.22	29.89	+.03	64.6	−2.3	89	14	76	44	10	53	40	57	53	69	4.96	+1.2	22	7,497	se.	51	nw.	27	10	15	5	4.8	0.0	0.0
Sioux City	1,135	94	164	28.70	29.90	.00	66.8	−2.7	89	22	76	47	1	57	26	60	56	71	5.42	+1.5	16	7,906	nw.	51	nw.	14	1	20	9	6.2	0.0	0.0
Huron	1,306	59	74	28.54	29.93	+.05	63.6	−2.6	87	22	74	40	6	53	34	58	53	73	7.78	+4.0	17	6,061	se.	62	n.	14	8	16	6	5.4	0.0	0.0
Pierre	1,572	70	75	28.25	29.89	+.02	64.2	−4.3	89	21	74	42	6	54	36	58	54	73	5.19	+2.1	16	6,489	e.	73	nw.	14	5	13	12	6.5	0.0	0.0
Yankton	1,233	49	57	28.59	29.89	.00	65.8	−3.1	91	22	76	45	6	56	31	----	----	----	5.36	+1.1	14	5,169	w.	48	nw.	14	2	20	8	6.0	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, June, 1924*—Continued

Districts and stations	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 0.01, 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							**59.8**	**−1.7**										**61**	**2.05**	**−0.2**										**4.8**		
Billings	3,140	5																														
Havre	2,505	11	44	27.33	29.94	+.09	58.9	−3.1	81	13	71	36	7	47	36	51	46	69	5.76	+2.9	16	4,315	e.	38	w.	15	11	16	3	4.6	0.0	0.0
Helena	4,110	87	112	25.78	29.93	+.05	58.3	−0.9	87	30	71	34	8	46	40	47	39	56	1.14	−1.0	10	5,987	sw.	38	nw.	28	7	17	6	5.4	T.	0.0
Kalispell	2,973	48	56	26.89	29.91	+.02	56.5	−1.2	86	30	69	32	7	44	36	47	39	60	3.24	+1.5	11	4,252	nw.	35	nw.	3	9	15	6	5.0	9.0	0.0
Miles City	2,371	48	55	27.44	29.97	+.12	61.8	−4.2	86	13	72	38	8	52	34	54	48	65	1.72	−1.0	13	4,490	ne.	36	ne.	27	10	10	10	5.2	0.0	0.0
Rapid City	3,259	50	58	26.57	29.93	+.08	62.4	−1.8	89	14	74	38	9	51	37	53	47	60	2.27	−1.3	16	6,197	n.	42	n.	14	4	16	10	5.9	0.0	0.0
Cheyenne	6,088	84	101	24.01	29.86	+.02	60.2	−0.2	88	27	75	35	9	46	39	51	44	59	1.52	0.0	8	8,239	s.	45	sw.	18	10	16	4	4.5	0.0	0.0
Lander	5,372	60	68	24.62	29.87	+.02	60.3	−0.2	88	26	75	33	9	45	42	48	37	48	0.05	−1.1	1	4,121	sw.	32	s.	23	17	12	1	3.6	T.	0.0
Sheridan	3,790	10	47	26.09	29.94		58.2		82	14	71	33	8	46	40	51	46	65	2.01		12	3,776	nw.	35	nw.	27	10	14	6	5.0	0.0	0.0
Yellowstone Park	6,200	11	48	23.88	29.91	+.05	52.6	−3.4	82	30	68	24	8	38	44	42	32	56	0.81	−0.8	7	5,467	sw.	38	s.	6	7	17	6	5.0	1.1	0.0
North Platte	2,821	11	51	27.03	29.91	+.05	67.4	−0.1	93	22	79	41	1	56	40	59	55	70	1.90	−1.4	9	5,474	e.	36	n.	18	15	9	6	4.3	0.0	0.0
Middle Slope							**74.1**	**+2.2**										**58**	**1.24**	**−1.9**										**3.9**		
Denver	5,292	106	113	24.72	29.86	+.02	68.4	+2.1	95	27	82	44	2	55	39	52	40	43	0.46	−1.0	6	5,444	s.	35	sw.	18	14	15	1	3.6	0.0	0.0
Pueblo	4,685	80	86	25.25	29.82	−.01	71.2	+2.2	99	27	87	44	1	56	46	54	41	43	0.34	−1.1	3	5,232	nw.	46	nw.	16	13	17	0	3.5	0.0	0.0
Concordia	1,392	50	58	28.40	29.84	−.06	72.4	−0.6	99	27	83	49	1	61	29	64	59	67	1.87	−3.1	11	5,854	se.	39	ne.	15	7	22	1	4.7	0.0	0.0
Dodge City	2,509	11	51	27.32	29.86	−.07	75.2	+2.7	106	18	89	44	1	61	41	63	57	62	1.23	−2.1	4	6,971	se.	28	ne.	13	20	8	2	3.0	0.0	0.0
Wichita	1,358	139	158	28.42	29.82	−.09	76.9	+2.5	103	27	87	53	1	67	31	67	62	65	0.36	−4.4	5	10,208	s.	52	sw.	24	15	12	3	4.1	0.0	0.0
Broken Arrow	765	11	52	29.04	29.86		78.6		97	13	88	56	2	70	26				2.25		6	10,787	s.	58	s.	8	7	21	2	4.5	0.0	0.0
Muskogee	652	4					79.9		98	13	90	54	23	69	30				5.64		11		e.				9	17	4		0.0	0.0
Oklahoma City	1,214	10	47	28.60	29.84	−.07	80.4	+4.4	102	17	91	55	3	70	29	69	65	67	3.15	+0.1	7	8,366	s.	36	nw.	8	9	19	2	4.1	0.0	0.0
Southern Slope							**81.2**	**+3.7**										**48**	**0.94**	**−1.6**										**2.4**		
Abilene	1,738	10	52	28.09	29.84	−.04	83.3	+5.1	108	15	95	55	3	71	34	69	62	56	0.32	−2.8	2	9,202	s.	38	nw.	2	24	6	0	1.9	0.0	0.0
Amarillo	3,676	10	49	26.22	29.85	.00	78.0	+6.0	106	17	93	46	1	63	39	62	54	54	2.82	−0.2	9	7,424	s.	34	nw.	4	18	12	0	3.5	0.0	0.0
Del Rio	944	64	71	28.90	29.86	+.01	83.8	+0.4	101	16	94	64	2	74	28				0.63	−1.8	1	8,307	se.	40	nw.	1	18	10	2	3.2	0.0	0.0
Roswell	3,566	75	85	26.28	29.78	−.02	79.7	+3.4	106	17	97	51	11	63	51	58	40	34	T.	−1.8	0	6,021	s.	36	w.	21	25	5	0	1.2	0.0	0.0
Southern Plateau							**77.9**	**+3.7**										**26**	**0.07**	**−0.3**										**1.0**		
El Paso	3,762	110	133	26.10	29.73	−.02	84.8	+5.2	106	28	98	60	1	71	38	58	35	21	T.	−0.6	0	7,640	e.	50	ne.	21	29	1	0	1.0	0.0	0.0
Santa Fe	7,013	38	53	23.30	29.77	−.04	68.6	+3.8	92	26	83	38	1	54	37	49	30	29	0.31	−0.7	3	4,756	sw.	32	sw.	7	21	9	0	2.0	0.0	0.0
Flagstaff	6,907	10	59	23.40	29.81	+.03	62.1	+2.8	91	29	81	30	1	43	45	43		30	0.03		1		sw.	36	sw.	17	28	2	0		0.0	0.0
Phoenix	1,108	11	81	28.61	29.72	−.02	87.5	+3.0	112	28	105	60	10	70	43	62	44	27	T.	−0.1	0	4,202	w.	28	se.	29	27	3	0	1.0	0.0	0.0
Yuma	141	9	54	29.60	29.74	.00	88.5	+3.8	113	28	106	62	9	71	42	64	49	31	0.06	+0.1	1	4,165	w.	30	se.	29	30	0	0	0.4	0.0	0.0
Independence	3,957	5	25	25.90	29.84	+.06	76.1	+3.8	101	29	92	46	9	60	45	51	23	16	0.00	−0.1	0	7,284	se.	44	nw.	18	29	1	0	0.6	0.0	0.0
Middle Plateau							**68.3**	**+3.1**										**24**	**0.11**	**−0.4**										**1.9**		
Reno	4,532	74	81	25.44	29.86	.00	65.6	+4.6	100	29	82	39	7	49	45	46	28	30	T.	−0.3	0	6,403	w.	35	sw.	3	26	3	1	1.2	0.0	0.0
Tonopah	6,090	12	20				69.3		94	29	82	38	19	57	36	46	21	16	0.00		0		se								0.0	0.0
Winnemucca	4,344	18	56	25.58	29.90	+.02	64.8	+2.0	103	30	83	30	19	47	49	45	25	27	T.	−0.6	0	5,281	sw.	32	nw.	18	21	6	3	2.2	0.0	0.0
Modena	5,479	10	43	24.59	29.82	.00	65.8	+2.5	100	30	86	33	20	46	49	44	19	22	0.00	−0.4	0	9,291	sw.	50	n.	6	25	5	0	1.4	0.0	0.0
Salt Lake City	4,360	163	203	25.54	29.82	−.03	70.7	+3.3	94	26	82	42	19	59	35	51	32	27	0.56	−0.2	3	5,861	nw.	48	nw.	23	21	9	0	2.1	0.0	0.0
Grand Junction	4,602	60	68	25.32	29.82	−.01	74.4	+3.0	97	27	89	42	8	60	37	51	29	25	0.01	−0.4	1	5,174	se.	38	w.	18	21	8	1	2.8	0.0	0.0
Northern Plateau							**65.4**	**+1.4**										**40**	**0.54**	**−0.6**										**3.8**		
Baker	3,471	48	53	26.42	29.97	+.02	59.5	+0.9	98	30	75	36	6	44	48	47	35	49	0.37	−0.8	5	4,477	nw.	28	nw.	7	16	7	7	4.2	T.	0.0
Boise	2,739	78	86	27.09	29.90	−.01	66.8	+1.5	100	30	82	36	8	52	40	50	34	37	0.51	−0.4	2	3,607	nw.	24	nw.	6	22	6	2	2.4	0.0	0.0
Lewiston	757	40	48	29.12	29.92	−.02	68.8	+2.2	108	30	83	45	6	54	49				0.75	−0.3	6	2,940	e.	21	nw.	3	14	5	11	4.8	0.0	0.0
Pocatello	4,477	60	68	25.42	29.86	−.01	63.8	−0.4	93	30	79	35	9	48	41	46	29	33	0.36	−0.6	2	5,965	sw.	36	sw.	27	19	8	3	3.2	1.0	0.0
Spokane	1,929	101	110	27.90	29.92	−.02	64.4	+1.6	99	30	77	39	7	52	35	50	37	43	0.55	−1.1	4	4,817	sw.	28	sw.	17	10	13	7	5.1	0.0	0.0
Walla Walla	991	57	65	28.87	29.93	−.03	69.2	+2.7	106	30	82	46	7	57	40	53	39	39	0.67	−0.5	5	3,836	sw.	23	w.	6	16	11	3	3.2	0.0	0.0
North Pacific Coast Region							**59.1**	**+0.7**										**70**	**0.75**	**−1.1**										**5.4**		
North Head	211	11	56	29.85	30.08	+.09	53.5	−1.3	77	9	57	44	6	50	26	51	50	90	1.23	−0.5	8	12,207	n.	48	s.	10	3	5	22	8.1	0.0	0.0
Port Angeles	29	8	53		30.08		54.8		79	29	63	42	4	47	31				0.35	−1.0	4	5,330	sw.	30	w.	5	11	11	8		0.0	0.0
Seattle	125	215	250	29.93	30.06	+.06	59.9	+0.9	87	29	68	40	6	51	30	53	47	69	0.35	−1.1	4	5,316	nw.	28	sw.	10	8	9	13	5.7	0.0	0.0
Tacoma	194	172	201	29.84	30.04	+.01	60.0	+1.3	84	29	69	45	6	51	30				0.51	−1.2	2	5,823	n.	38	sw.	5	5	12	13	6.7	0.0	0.0
Tatoosh Island	86	9	57	29.96	30.06	+.04	51.7	−1.3	63	9	55	46	6	48	15	50	49	93	1.58	−2.6	8	6,733	sw.	39	nw.	6	5	10	15	6.8	0.0	0.0
Yakima	1,071	5					66.8		100	30	83	43	6	50	42				0.04		2		nw.				13	10	7	4.5	0.0	0.0
Medford	1,425	4					67.6		106	29	86	39	8	49	53	52	40	49	0.21		4		nw.	16	nw.	21	14	5	11	3.1	0.0	0.0
Portland, Oreg.	153	68	106	29.87	30.03	−.01	64.3	+1.9	98	29	75	40	6	54	37	55	49	62	0.68	−1.0	3	4,389	nw.	19	w.	6	10	9	11	5.3	0.0	0.0
Roseburg	510	9	57	29.49	30.03	.00	65.2	+2.7	100	29	80	43	19	50	46	53	44	56	0.56	−0.5	4	2,849	n.	17	sw.	17	14	14	2	3.3	0.0	0.0
Middle Pacific Coast Region							**63.4**	**+0.9**										**62**	**0.01**	**−0.4**										**3.0**		
Eureka	62	73	89	29.99	30.06	+.01	54.1	−0.2	65	14	58	46	7	50	15	51	49	85	0.05	−1.0	1	4,773	n.	35	n.	6	7	17	6	5.3	0.0	0.0
Point Reyes	490	7	18	29.43	29.94		53.0	+0.2	73	20	57	46	1	49	23				0.00		0	13,446	n.w	69	nw.	6	10	4	16	6.3	0.0	0.0
Red Bluff	332	50	56	29.52	29.86	−.02	77.0	+2.2	108	1	92	52	9	62	42	58	42	34	0.00	−0.5	0	4,662	se.	28	n.	6	29	1	0	0.9	0.0	0.0
Sacramento	69	106	117	29.82	29.89	.00	71.0	+1.6	102	29	87	50	10	56	41	57	48	52	0.00	−0.2	0	7,438	s.	27	nw.	19	28	2	0	0.6	0.0	0.0
San Francisco	155	208	243	29.79	29.96	.00	59.8	+1.3	87	20	66	51	6	53	31	53	49	77	0.00	−0.2	0	8,122	w.	36	w.	18	17	7	6	3.8	0.0	0.0
San Jose	141	12	110	29.81	29.96		65.2	+0.2	98	20	80	45	7	50	47				0.00	−0.1	0	5,016	nw.	23	nw.	17	27	1	2	1.4	0.0	0.0
South Pacific Coast Region							**68.5**	**+1.4**										**64**	**T.**	**−0.1**										**2.0**		
Fresno	327	89	98	29.52	29.86	+.01	77.4	+1.6	108	29	94	52	9	61	39	58	41	37	0.00	−0.1	0	6,628	nw.	32	nw.	17	27	3	0	0.8	0.0	0.0
Los Angeles	338	159	191	29.54	29.90	.00	68.2	+1.8	87	20	78	55	10	58	25	58	53	67	0.00	−0.1	0	30,730	sw.	16	sw.	18	21	9	0	2.3	0.0	0.0
San Diego	87	62	70	29.82	29.91	−.01	65.5	+1.6	80	30	71	57	1	60	18	60	58	82	T.	0.0	0	4,723	nw.	28	nw.	29	19	7	4	3.3	0.0	0.0
San Luis Obispo	201	32	40	29.75	29.97	+.02	63.0	+0.8	89	20	76	46	10	50	38	53	48	69	0.00	−0.1	0	3,326	nw.	20	w.	18	25	4	1	1.8	0.0	0.0
West Indies																																
San Juan, P. R.	82	9	54	29.93	30.02		79.0	−0.7	90	17	84	73	21	74	16				5.96	+0.1	21	9,199	e.	38	e.	20	8	15	7	5.2	0.0	0.0
Panama Canal																																
Balboa Heights	118	7	97	29.74	29.86	.00	79.2	−0.8	88	10	85	72	30	74	16	75	74	91	8.41	+1.0	23	4,138	nw.	24	s.	14	0	11	19	8.0	0.0	0.0
Colon	36	7	97	29.83	29.87	.00	80.6	+0.4	90	7	86	74	14	75	15	76	75	90	16.49	+3.1	25	4,334	se.	33	nw.	22	0	7	23	8.4	0.0	0.0
Alaska																																
Juneau	80	11	54	29.97	30.06		55.8		78	11	65	38	5	46	31	50	44	64	0.98		7	4,115	s.	26	nw.	21	10	6	14	5.9	0.0	0.0

TABLE 2.—*Data furnished by the Canadian Meteorological Service, June, 1924*

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						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
	Feet	*In.*	*In.*	*In.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*In.*	*In.*	*In.*
Father Point, Que	20	29.82	29.84	−.03	50.0	−3.0	58.2	41.9	69	34	2.81	−0.17	0.0
Quebec, Que	296	29.57	29.89	−.03	62.1	+0.9	72.3	52.0	82	41	4.17	+0.52	0.0
Montreal, Que	187	29.67	29.87	−.07	64.1	−0.8	73.8	54.4	82	45	2.00	−1.53	0.0
Ottawa, Ont	236	29.63	29.89	−.05	64.3	−1.0	76.8	51.9	89	39	2.70	−0.22	0.0
Kingston, Ont	285	29.62	29.93	−.04	60.8	−2.6	68.3	53.2	82	40	2.55	+0.12	0.0
Toronto, Ont	379	29.51	29.91	−.06	62.9	−0.5	73.1	52.7	82	39	1.73	−1.07	0.0
Cochrane, Ont	930				54.9		67.1	42.7	77	30	2.42		0.0
White River, Ont	1,244	28.57	29.88	−.06	53.0	−5.7	68.6	37.4	77	27	1.97	−0.25	0.0
Southampton, Ont	656	29.20			58.2	−2.2	67.6	48.8	82	38	3.02	+0.67	0.0
Parry Sound, Ont	688	29.21	29.89	−.07	60.7	−1.0	72.1	49.3	82	37	1.89	−0.53	0.0
Port Arthur, Ont	644	29.20	29.91	−.03	55.8	−0.6	65.8	45.7	80	36	2.51	−0.22	0.0
Minnedosa, Man	1,690	28.10	29.90	+.01	56.0	−3.6	67.9	44.0	80	33	0.85	−2.15	0.0
Le Pas, Man	860				52.0		64.2	39.9	80	28	2.50		0.0
Qu'Appelle, Sask	2,115	27.66	29.89	+.02	55.3	−4.6	67.2	43.4	79	37	2.18	−1.24	0.0
Moose Jaw, Sask	1,759				57.7		70.4	45.1	83	33	1.35		0.0
Swift Current, Sask	2,392	27.37	29.87	.00	58.0	−2.0	70.2	45.8	81	34	2.50	−0.17	0.0
Prince Albert, Sask	1,450	28.39	29.95	+.08	55.4	−2.3	68.2	42.6	81	33	2.00	−0.51	0.0
Battleford, Sask	1,592	28.19	29.92	+.06	57.5	−2.0	72.5	42.6	85	33	0.50	−2.81	0.0
Victoria, B. C	230	29.78	30.03	+.02	56.7	+0.4	64.6	48.9	83	45	0.54	−0.66	0.0
LATE REPORTS FOR MAY, 1924													
Sydney, C. B. I	48	29.86	29.91	−.06	47.9	+2.7	58.3	37.6	68	30	3.24	−0.53	0.0
Halifax, N. S	88	29.78	29.89	−.09	50.5	+2.1	59.9	41.1	74	34	2.46	−1.80	0.0
Yarmouth, N. S	65	29.77	29.84	−.14	47.4	−0.2	53.9	41.0	63	32	3.13	−0.67	0.0
Charlottetown, P. E. I	38	29.80	29.84	−.12	48.3	+1.4	56.5	40.0	72	26	0.60	−2.31	0.0
Chatham, N. B	28	29.72	29.75	−.20	47.7	−0.8	58.0	37.5	77	25	3.24	+0.03	0.0
Minnedosa, Man	1,690	28.17	30.01	+.05	44.7	−3.7	57.4	32.1	78	19	0.07	−1.38	0.5
Edmonton, Alb	2,150	27.68	29.95	+.07	52.0	+1.2	67.0	37.0	88	19	1.46	−0.09	T.
Kamloops, B. C	1,262	28.72	29.99	+.10	63.2	+4.1	78.6	47.8	95	35	0.67	−0.57	0.0
Barkerville, B. C	4,180	25.70	30.00	+.16	45.6	+0.1	58.1	33.1	75	24	2.82	+0.30	15.1
Banff, Alb	4,521	25.41	29.96	+.08	48.3	+1.3	64.5	32.0	83	23	1.05	−0.99	0.2
Medicine Hat, Alb	2,144	27.66	29.90	+.01	57.7	+3.6	73.1	42.4	90	32	0.20	−1.11	0.0
Calgary, Alb	3,428	26.45	30.00	+.12	53.5	+4.5	69.2	37.7	89	28	0.89	−0.88	0.0

PUBLICATION OF SEISMOLOGICAL DATA IN THE REVIEW TO BE DISCONTINUED

Announcement is made that a bill (H. R. 8303), quoted hereunder, authorizing the Coast and Geodetic Survey to make seismological investigations and for other purposes, was introduced in the last Congress, passed by the House of Representatives on June 5, 1924, but failed of passage in the Senate because of the legislative congestion in the closing days of the session:

Be it enacted, etc., That the Coast and Geodetic Survey is hereby authorized to make investigations and reports in seismology, including such investigations as have been heretofore performed by the Weather Bureau.

The transfer as above proposed was fully discussed by the two departments concerned, both of which were agreeable to its enactment.

In view of the necessity of effecting economies in the conduct of the work of the Weather Bureau, it has been decided to discontinue, with the close of the fiscal year ending June 30, 1924, the publication of the table of Seismological Reports. The usual table for June, 1924, appears hereunder.—*Editor.*