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, May 1936

[For description of tables and charts, see REVIEW, January, p. 29]

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	73.6	+2.3	Florence	97	8	2 stations	43	[1] 4	1.91	−2.21	Citronelle	7.82	2 stations	0.00
Arizona	70.8	+3.2	6 stations	110	[1] 12	Fort Valley	22	1	.12	−.18	Globe	1.32	48 stations	.00
Arkansas	70.9	+1.8	Dumas	96	29	Thornburg	35	15	2.50	−2.52	De Queen	7.48	Mammoth Spring	.61
California	62.8	+1.5	Cow Creek	112	25	Ellery Lake	11	30	.62	−.36	Crescent City (near)	4.62	39 stations	.00
Colorado	56.5	+4.3	Las Animas	100	4	Silverton	12	7	1.73	−.18	Westcliffe	8.14	Rifle	T
Florida	75.7	+.1	Perry	98	10	Quincy	51	5	4.12	+.13	Isleworth	8.56	Cedar Keys	.57
Georgia	73.3	+1.7	5 stations	100	10	Blairsville	35	31	1.22	−2.26	Satilla Forest	4.78	2 stations	.00
Idaho	57.7	+4.8	Orofino	105	26	Pelton Ranch	17	[1] 5	.94	−.74	Bungalow Ranger Station.	3.13	3 stations	T
Illinois	67.4	+4.9	Quincy	95	31	Waukegan	31	14	2.07	−2.05	Le Roy	5.98	Du Quoin	.69
Indiana	65.8	+3.6	Vevay	99	10	Marengo	29	15	2.02	−1.99	Veedersburg	4.63	Vevay	.56
Iowa	66.2	+6.2	3 stations	95	[1] 16	Le Mars	31	3	2.91	−1.16	Marathon	6.63	Cedar Falls	1.05
Kansas	67.7	+3.9	2 stations	99	5	Plainville	36	2	4.88	+1.08	Junction City	10.64	Smith Center	1.60
Kentucky	68.3	+2.9	3 stations	96	[1] 9	Greensburg	35	15	1.50	−2.49	Berea	4.63	Middlesboro	.43
Louisiana	74.0	+.3	do	92	[1] 5	Tallulah	46	31	5.13	+.50	Jennings	15.33	Ruston	1.44
Maryland-Delaware	64.9	+2.5	6 stations	95	[1] 8	3 stations	27	[1] 15	2.11	+1.30	Washington, D. C.	5.32	2 stations	.31
Michigan	58.5	+4.5	Morenci	93	10	2 stations	20	[1] 4	2.11	−1.09	Marquette	5.30	Muskegon	.23
Minnesota	60.5	+5.4	Wheaton	97	31	Cloquet	20	5	2.52	−.63	Winona	6.34	Argyle	.16
Mississippi	73.0	+1.3	Clarksdale	95	16	Pontotoc	42	5	2.69	−1.70	Biloxi	8.70	Eupora	.50
Missouri	68.8	+4.4	5 stations	95	[1] 17	2 stations	32	[1] 3	2.52	−2.25	Oregon	7.10	Fredericktown	.60
Montana	59.0	+7.2	Ballantine	104	26	Conways Ranch	19	21	1.07	−1.11	Belton	3.36	2 stations	.04
Nebraska	64.2	+5.2	Kearney	98	5	Lake Minatare	24	1	3.20	−.25	Hayes Center	9.37	Lake Minatare	.33
Nevada	59.8	+4.4	Logandale	107	[1] 12	San Jacinto	16	6	.45	−.43	Mahoney Ranger Station.	2.94	7 stations	.00
New England	57.6	+2.5	2 stations	97	[1] 8	First Connecticut Lake, N. H.	18	16	2.82	−.50	Fort Fairfield, Maine	6.51	Nantucket, Mass.	.87
New Jersey	63.1	+2.7	Sussex	97	9	3 stations	28	[1] 15	2.78	−.95	Culvers Lake	4.54	Hammonton	.82
New Mexico	61.1	+1.5	Carlsbad	99	5	Lake Alice (near)	13	1	1.78	+.61	Grady (near)	7.19	3 stations	.00
New York	58.9	+3.0	Poughkeepsie	96	8	Gabriels	15	16	2.70	−.78	Trenton Falls	6.00	Brockport	.62
North Carolina	68.7	+1.9	2 stations	98	[1] 19	Banners Elk	30	31	.90	−3.21	Linville Falls	5.24	2 stations	.00
North Dakota	61.0	+8.2	New Salem	100	15	Howard	20	8	.80	−1.60	Edgeley	3.69	Fort Yates	.00
Ohio	64.1	+3.6	2 stations	97	10	Millport	29	15	1.78	−1.87	Alliance	4.08	Portsmouth No. 2	.60
Oklahoma	71.2	+3.0	Hollis	100	17	Kenton	37	8	4.49	−.24	Ardmore	10.96	McAlester	1.12
Oregon	56.6	+3.4	Pendleton	103	26	Austin	19	24	2.09	+.34	Nelscott	8.81	Milton	.07
Pennsylvania	62.8	+3.3	3 stations	96	[1] 8	2 stations	24	15	2.09	−1.79	Matamoras	5.16	McKeesport	.79
South Carolina	72.5	+1.6	Darlington	100	[1] 9	Long Creek (near)	36	31	.48	−3.09	Conway	2.19	7 stations	.00
South Dakota	63.3	+6.8	3 stations	99	[1] 15	Vale	24	2	1.67	−1.21	Sioux Falls	9.03	2 stations	T
Tennessee	69.9	+3.1	Etowah	99	10	Rugby	31	31	1.31	−2.79	Elkmont	3.90	Perryville	.21
Texas	73.5	+.5	Johnson Ranch	105	20	Muleshoe	37	10	6.52	+2.88	Port Arthur	17.88	Clint	.02
Utah	58.9	+3.5	St. George	101	[1] 13	Great Basin Experiment Station.	17	6	.53	−.68	Great Basin Experiment Station.	2.17	Kanab	.00
Virginia	66.3	+2.2	Rocky Mount	97	9	Burkes Garden	29	31	1.35	−2.39	Washington, D. C.	5.32	2 stations	T
Washington	58.6	+4.0	2 stations	103	26	Paradise Inn	23	7	2.70	+.64	Big Four	13.43	Ephrata	.06
West Virginia	64.1	+2.4	Hastings	100	[1] 7	2 stations	25	[1] 15	1.99	−1.98	Elkins	4.30	New Martinsville	.62
Wisconsin	60.4	+5.2	6 stations	92	[1] 15	Long Lake	21	14	2.70	−.88	Wausau	7.26	Plum Island	.48
Wyoming	55.4	+6.0	Basin	99	30	Pole Mountain Nursery.	11	[1] 2	.52	−1.56	Cheyenne	2.90	5 stations	.00
Alaska (April)	30.4	+2.6	Annex Creek	69	24	Barrow	−36	10	1.04	−.37	View Cove	13.22	3 stations	.00
Hawaii	71.0	−.8	Waianae	90	31	Kanalohuluhulu	47	29	9.10	+3.07	Pilhonua	64.00	5 stations	.00
Puerto Rico	77.0	+.3	Canauanas No. 2	95	1	Guineo Reservoir	47	12	17.53	+10.98	Rio Grande (La Mina).	40.40	Emsenada	4.05

[1] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, May 1936*

[Compiled by Annie E. Small, by official authority, U. S. Weather Bureau]

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 0.01 inch 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									In.	In.
New England							56.8	+2.1										71	1.82	−1.4										6–10 5.1		
Eastport	76	67	85	29.87	29.95	−0.01	47.6	−0.1	81	18	56	30	16	40	39	44	42	84	2.67	−.3	16	8,199	sw.	33	e.	28	5	9	17	7.1	T	0.0
Greenville, Maine	1,070	6	40	28.78	29.93		51.2		84	2	63	22	16	40	47				5.12		19	4,565	se.	22		16	2	11	18		T	.0
Portland, Maine	103	82	117	29.84	29.96	−.01	55.2	+1.9	92	18	64	32	16	46	42	49	43	66	1.41	−2.0	10	7,312	sw.	35	nw.	18	17	11	3	3.9	0.0	.0
Concord	289	60																														
Burlington	403	11	48	29.52	29.96	−.01	57.4	+.9	89	8	68	29	16	47	37	51	45	68	2.88	.0	11	7,651	s.	29	s.	17	3	14	14	6.7	T	.0
Northfield	876	12	60	29.03	29.97	.00	55.8	+3.0	89	8	69	23	16	43	49	50	44	67	1.83	−.9	15	6,128	s.	24	sw.	15	4	16	11	6.7	.0	.0
Boston [1]	29	31	50	29.95	29.98	.00	60.6	+3.5	91	24	71	34	16	50	38	52	46	64	1.70	−1.5	8	8,305	sw.	34	sw.	19	12	10	9	5.0	.0	.0
Nantucket	12	14	90	30.00	30.01	+.02	55.0	+2.7	76	25	61	42	16	49	23	50	46	77	.87	−2.0	7	11,730	sw.	42	sw.	17	14	8	9	4.5	.0	.0
Block Island	26	11	46	29.99	30.02	+.03	54.3	+1.5	72	24	60	40	16	48	20	50	48	82	1.18	−2.3	8	11,365	sw.	33	sw.	17	14	12	5	4.6	.0	.0
Providence	160	215	251	29.84	30.01	+.03	60.0	+1.5	92	24	71	35	16	49	39	52	45	62	1.68	−1.3	10	9,101	nw.	34	nw.	20	17	11	3	3.8	.0	.0
Hartford	159	70	104	29.85	30.02	+.04	61.2	+3.7	91	9	72	37	16	50	38				2.39	−1.2	8	6,759	s.	25	nw.	14	14	13	4	4.1	.0	.0
New Haven	106	74	153	29.92	30.03	+.04	60.5	+2.6	90	24	70	40	15	51	35	53	47	66	1.58	−2.1	8	6,743	s.	25	n.	14	12	14	5	4.3	.0	.0
Middle Atlantic States							64.7	+2.6										63	2.14	−1.3										4.0		
Albany	97	97	112	29.90	30.00	+.02	62.1	+2.8	91	8	73	34	16	51	38	54	47	62	4.20	+1.3	10	6,010	s.	21	sw.	12	9	15	7	5.0	.0	.0
Binghamton	871	57	79	29.13	30.06	+.08	60.2	+2.8	91	11	74	31	15	47	47				2.36	−1.0	10	4,859	nw.	37	w.	18	10	8	13	6.1	.0	.0
New York	314	415	454	29.70	30.03	+.04	62.6	+2.0	90	9	72	43	16	53	29	53	47	65	2.57	−.7	8	11,188	sw.	48	nw.	20	16	10	5	3.9	.0	.0
Harrisburg	374	94	104	29.64	30.04	+.06	65.5	+3.7	92	8	76	39	15	54	35	56	48	58	1.60	−1.8	6	5,571	nw.	35	w.	13	17	11	3	3.4	.0	.0
Philadelphia	114	174	367	29.94	30.06	+.07	65.8	+2.9	93	9	76	45	29	56	32	56	48	59	1.67	−1.6	7	9,868	sw.	34	sw.	13	17	11	3	3.4	.0	.0
Reading	323	283	306	29.69	30.04		65.2	+2.7	91	9	76	40	15	55	31	55	47	56	1.35	−2.3	7	8,018	nw.	41	w.	13	13	16	2	4.0	.0	.0
Scranton	805	72	104	29.18	30.04	+.06	61.8	+2.4	91	11	75	32	15	49	43	53	45	58	2.18	−1.1	8	5,299	sw.	32	nw.	24	14	9	8	4.3	.0	.0
Atlantic City	52	37	172	30.00	30.06	+.06	60.4	+2.3	85	9	68	42	29	53	26	54	50	72	2.47	−.6	7	11,261	s.	36	nw.	14	14	9	8	4.7	.0	.0
Sandy Hook	22	10	57	30.01	30.03		61.8	+3.4	89	9	70	45	29	53	33	54	50	71	2.05	−1.7	8	9,420	s.	46	sw.	18	16	10	5	3.4	.0	.0
Trenton	190	88	106	29.84	30.04		64.0	+2.9	93	8	76	41	15	52	35	55	48	62	3.59	+.5	7	7,441	s.	35	s.	18	16	10	5	3.8	.0	.0
Baltimore	123	100	215	29.92	30.05	+.06	67.8	+3.4	91	9	78	45	29	58	33	58	51	61	3.18	−.4	6	7,607	s.	32	ne.	27	20	8	3	3.4	.0	.0
Washington	112	62	85	29.94	30.06	+.06	67.4	+3.7	92	8	79	43	15	56	34	57	50	59	5.32	+1.6	6	5,055	nw.	30	w.	3	17	13	1	3.7	.0	.0
Cape Henry	18	8	54	30.05	30.07		66.0	+1.8	93	27	74	48	6	58	32	59	55	73	.44	−3.1	3	8,285	se.	36	n.	14	19	11	1	3.2	.0	.0
Lynchburg	686	5		29.34	30.08	+.08	68.9	+1.6	95	27	85	38	15	53	43				1.23	−2.4	8		s.				5	26	0		.0	.0
Norfolk	91	80	125	29.98	30.08	+.08	67.9	+1.7	92	27	78	52	23	58	32	59	54	67	.98	−2.8	5	6,882	se.	25	nw.	19	16	8	7	4.1	.0	.0
Richmond	144	11	52	29.93	30.08	+.09	68.6	+2.1	93	9	81	43	15	56	37	58	52	61	.45	−3.3	3	5,707	sw.	32	nw.	3	21	7	3	2.9	.0	.0
Wytheville	2,304	49	55		30.05	+.06	63.2	+1.8	86	10	77	38	31	49	37			58	.77	−2.9	8	3,953	w.	21	w.	13	17	11	3		.0	.0
South Atlantic States							72.1	+1.9										66	1.10	−2.4										3.8		
Asheville	2,253	89	104	27.77	30.07	+.08	66.5	+3.9	89	10	80	43	31	53	41	55	47	55	1.44	−2.0	5	5,125	nw.	21	sw.	11	19	9	3	3.5	.0	.0
Charlotte	779	63	86	29.25	30.07	+.08	72.6	+3.7	93	26	85	50	15	60	30	60	51	51	.01	−3.6	1	5,111	ne.	18	w.	13	18	10	3	3.2	.0	.0
Greensboro	886	6	56	29.13	30.07		69.2		93	27	84	42	31	55	39	58	51	57	.37		6	5,556	sw.	21	nw.	3	18	13	0	3.1	.0	.0
Hatteras	11	5	50		30.06	+.05	68.3	−.4	82	25	74	55	16	63	20			81	2.22	−1.5	9	9,137	ne.	41	nw.	30	17	8	6		.0	.0
Raleigh	376	103	146	29.66	30.05	+.06	71.4	+2.9	93	25	83	49	15	60	32	61	54	59	1.13	−2.7	4	6,277	sw.	23	n.	3	20	10	1	3.1	.0	.0
Wilmington	72	73	107	30.00	30.07	+.06	70.6	−.2	95	9	81	53	15	61	34	63	60	73	.20	−3.2	4	6,540	ne.	22	s.	28	17	11	3	3.2	.0	.0
Charleston	48	11	92	30.02	30.06	+.05	73.0	+.3	93	9	80	62	23	66	29	66	64	75	1.79	−1.2	5	7,972	e.	32	e.	22	15	8	8	4.3	.0	.0
Columbia, S. C.	347	67	73	29.69	30.07	+.07	73.8	+1.9	94	10	85	56	7	62	29	62	56	59	.06	−3.0	1	4,944	ne.	17	ne.	21	20	8	3	3.1	.0	.0
Greenville, S. C.	1,039	139					73.1	+5.9	94	28	85	54	31	61	32				.15	−3.9	2		ne.				19	8	4		.0	.0
Augusta	182	62	77	29.85	30.04	+.05	74.6	+2.2	96	10	86	58	7	63	32	64	58	62	.92	−2.1	4	4,315	s.	24	ne.	11	13	12	6	4.1	.0	.0
Savannah	65	73	152	29.98	30.05	+.05	74.6	+1.2	93	9	84	60	5	66	31	67	64	77	1.85	−1.2	7	7,293	e.	37	e.	22	15	7	9	4.4	.0	.0
Jacksonville	43	86	110	29.99	30.04	+.04	74.6	−.4	92	10	83	60	7	67	26	68	65	75	2.38	−1.6	9	6,137	ne.	24	ne.	22	8	13	10	5.7	.0	.0
Florida Peninsula							77.6	+0.3										74	5.06	+0.8										5.0		
Key West	22	10	64	29.92	29.94	−.03	78.6	−0.5	88	29	84	67	4	73	16	72	69	75	3.51	.0	12	7,463	e.	29	w.	30	11	11	9	5.0	.0	.0
Miami	25	124	168	29.94	29.97	−.02	77.0	+.6	88	5	82	66	2	72	19	70	67	72	8.05	+1.8	12	8,604	ne.	37	ne.	23	9	11	11	5.8	.0	.0
Tampa	35	88	197	29.94	29.98	−.01	77.2	+.9	91	14	86	64	1	68	21	69	66	74	3.61	+.6	11	8,864	e.	42	e.	21	13	15	3	4.2	.0	.0
Titusville	43	5	36																													
East Gulf States							74.2	+1.7										67	2.47	−1.4										4.9		
Atlanta [1]	976	5	53	29.03	30.03	+.04	73.0	+3.1	96	10	86	54	31	60	36	61	54	55	.32	−3.2	2	5,342	s.	22	ne.	21	13	14	4	4.2	.0	.0
Macon	370	79	87	29.65	30.04	+.05	74.2	+1.9	97	10	86	52	5	63	36	63	56	58	.30	−2.7	4	4,690	s.	20	nw.	3	18	7	6	3.4	.0	.0
Thomasville	273	49	58	29.74	30.03	+.04	74.3	+.3	94	10	86	57	1	63	31	66	63	73	3.66	.0	9		e.				8	12	11		.0	.0
Apalachicola	35	11		29.97	30.01		75.0		89	10	82	61	5	69	23	68			3.25	−.2	4		e.				9	14	8		.0	.0
Pensacola	56	149	185	29.96	30.02	+.03	73.7	−.2	88	11	79	62	5	68	20	67	64	76	6.13	+2.8	8	8,980	se.	32	se.	26	10	15	6	4.8	.0	.0
Anniston	741	9					73.4	+5.0	92	25	87	49	31	60	35				.21	−3.7	4		se.				17	12	2		.0	.0
Birmingham	700	11	48	29.28	30.03	+.05	74.2	+3.1	90	25	85	52	4	63	32	62	56	59	.65	−3.3	5	4,743	e.	21	se.	11	18	6	7	3.8	.0	.0
Mobile	57	86	105	29.95	30.01	+.02	74.7	+.3	91	11	83	59	5	66	26	67	64	71	3.77	−.6	7	5,399	n.	19	ne.	23	7	17	7	5.5	.0	.0
Montgomery	218	92	105	29.79	30.04	+.05	75.4	+2.0	93	11	85	60	5	66	27	64	59	63	2.22	−1.6	5	4,833	e.	19	e.	21	10	11	10	5.2	.0	.0
Meridian	375	67	92	29.63	30.02	+.04	72.9	+1.6	89	11	83	53	5	63	30	64	60	69	2.48	−1.8	8	4,232	e.	26	s.	16	13	10	8	4.7	.0	.0
Vicksburg	247	65	73	29.77	30.02	+.05	74.1	+1.2	88	21	83	58	15	65	25	65	61	72	2.70	−1.6	9	4,858	e.	21	se.	8	5	13	13	6.2	.0	.0
New Orleans	53	76	84	29.94	29.99	+.02	76.2	+.8	88	13	83	66	7	70	20	68	65	73	3.97	−.6	10	5,391	se.	21	e.	24	7	14	10	6.1	.0	.0
West Gulf States							73.8	+0.5										74	6.79	+2.7										5.8		
Shreveport	249	92	227	29.74	30.01	+.06	74.4	+.8	89	21	84	56	4	65	30	65	60	69	2.69	−1.5	12	7,133	ne.	27	n.	9	8	14	9	5.5	.0	.0
Bentonville	1,303	12	38	28.66	30.01	+.08	68.9	+2.5	86	31	80	46	4	57	35				2.75		7	4,556	s.	18	sw.	6	7	16	8		.0	.0
Fort Smith	457	79	94	29.52	29.99	+.06	73.1	+3.5	91	31	84	53	4	62	33	62	55	60	1.96	−2.9	7	5,810	e.	22	s.	2	9	15	7	5.1	.0	.0
Little Rock	357	94	102	29.65	30.02	+.07	72.2	+1.9	86	24	81	53	15	63	29	63	58	64	1.24	−3.5	8	5,596	s.	21	se.	17	9	13	9	5.5	.0	.0
Austin	605	136	148	29.31	29.94		74.0	−.6	91	18	82	59	11	65	25	67	64	76	8.15	+3.5	13	5,510	se.	27	n.	13	5	14	12	6.4	.0	.0
Brownsville	57	88	96	29.83	29.89		76.6	−2.0	91	27	84	63	15	69	21	70	69	85	4.05	+1.8	11	7,047	se.	39	se.	9	8	15	8	5.6	.0	.0
Corpus Christi	20	11	78	29.90	29.92	+.02	76.2	.0	87	19	82	64	11	71	17	71	69	82	5.27	+2.0	13	7,831	se.	38	e.	10	8	8	15	6.1	.0	.0
Dallas	512	220	227	29.41	29.95		73.8		89	5	82	61	10	66	22	65	61	72	4.12	−.4	12	8,296	e.	35	n.	18	7	12	12	5.9	.0	.0
Fort Worth	679	92	110	29.26	29.97	+.06	74.0	+1.7	90	5	83	59	9	65	25				9.48	+4.8	10	6,442	se.	31	se.	7	12	8	11	5.1	.0	.0
Galveston	54	106	114	29.90	29.96	+.02	75.0	+.2	83	31	80	63	10	71	18	70	68	82	8.90	+5.5	13	8,213	se.	32	se.	24	11	12	8	5.2	.0	.0
Houston	138	292	314	29.82	29.97		74.2	−1.3	88	4	81	60	10	67	23				11.55	+7.0	15	8,371	se.	34	e.	23	5	15	11	6.2	.0	.0
Palestine	510	64	72	29.46	29.99	+.06	72.7	.0	87	5	82	58	12	63	25	66	63	78	6.83	+2.3	13	5,334	e.	24	nw.	11	7	10	14	6.2	.0	.0
Port Arthur	34	58	66	29.93	29.97		75.2		87	21	82	62	10	69	20				17.88	+13.8	15	6,037	e.	27	n.	18	4	18	9	5.9	.0	.0
San Antonio	693	242	301	29.20	29.91	+.01	74.0	−1.1	90	18	82	58	11	66	26	66	64	77	6.13	+2.9	14	7,608	ne.	32	ne.	13	3	12	16	7.2	.0	.0

[1] Observations taken at airport.

TABLE 1.—*Climatological data for Weather Bureau stations, May 1936*—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 0.01 inch 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									In.	n.
Ohio Valley and Tennessee							67.9	+3.0										57	1.63	−2.1										3.9		
Chattanooga	762	71	214	29.25	30.05	+.06	73.5	+4.7	94	10	86	52	31	61	35	60	52	50	2.06	−1.7	4	4,658	w.	24	nw.	13	18	11	2	3.1	0.0	0.0
Knoxville	995	102	111	29.02	30.06	+.07	72.0	+4.8	94	10	84	49	31	60	34	60	52	54	.76	−3.0	5	3,747	ne.	21	w.	2	19	10	2	2.6	.0	.0
Memphis	399	78	86	29.62	30.04	+.08	73.2	+2.6	90	21	82	52	15	64	26	62	55	57	1.91	−2.3	7	4,968	s.	25	sw.	11	16	9	6	4.2	.0	.0
Nashville	546	168	188	29.50	30.07	+.09	71.3	+3.1	91	25	83	48	4	60	30	60	52	54	1.41	−2.5	4	6,311	w.	24	n.	28	14	12	5	4.0	.0	.0
Lexington	989	6	----	----	----	----	67.8	+3.5	95	9	82	39	15	54	41	----	----	----	1.46	−2.4	7	----	s.	----	----	----	25	3	3	----	.0	.0
Louisville	525	188	234	29.51	30.09	+.11	69.4	+2.8	92	10	80	45	14	59	29	59	51	55	1.09	−2.6	4	6,633	sw.	30	nw.	13	19	9	3	2.7	.0	.0
Evansville	431	76	116	29.60	30.06	+.09	70.5	+3.8	92	25	82	46	14	60	31	60	52	54	1.43	−2.4	5	6,019	s.	31	sw.	12	18	5	8	4.0	.0	.0
Indianapolis	822	194	230	29.20	30.08	+.11	66.2	+3.3	90	9	77	41	14	56	29	56	48	56	1.48	−2.4	6	7,437	s.	29	nw.	13	18	7	6	4.1	.0	.0
Terre Haute	575	96	129	29.44	30.05	----	68.8	----	90	22	80	42	14	57	35	59	52	60	1.59	−2.3	8	6,708	sw.	30	n.	13	17	6	8	4.0	.0	.0
Cincinnati	627	11	51	29.41	30.08	+.09	66.8	+3.7	91	10	79	39	15	55	36	57	51	61	1.04	−2.7	6	4,808	s.	22	sw.	2	19	4	8	3.8	.0	.0
Columbus	900	58	153	29.21	30.08	+.10	65.5	+3.2	94	10	76	39	14	54	32	56	49	59	2.34	−1.2	10	5,950	s.	37	sw.	2	16	8	7	4.1	.0	.0
Dayton	899	137	173	29.13	30.08	----	65.7	+3.1	91	10	77	39	14	54	33	----	----	----	1.04	−2.6	8	5,728	sw.	30	sw.	2	17	6	8	4.0	.0	.0
Elkins	1,947	59	78	28.08	30.11	+.11	60.0	+.8	90	10	74	32	15	46	42	53	48	70	4.30	+.2	10	3,830	n.	29	w.	13	15	7	9	4.5	.0	.0
Parkersburg	637	77	84	29.46	30.11	+.12	65.6	+1.8	93	10	79	40	15	52	38	57	50	61	1.46	−1.9	7	4,056	nw.	23	sw.	2	17	6	8	4.1	.0	.0
Pittsburgh [1]	842	164	410	28.72	30.06	+.07	63.6	+1.2	90	10	75	37	14	52	34	54	46	56	1.01	−2.2	6	7,430	nw.	34	nw.	2	12	12	7	4.8	.0	.0
Lower Lake Region							60.4	+2.9										65	1.70	−1.5										4.9		
Buffalo	768	243	280	29.21	30.04	+.07	53.4	−1.2	82	1	62	32	16	45	36	49	46	78	.92	−2.2	14	10,852	sw.	47	w.	19	12	10	9	5.0	.0	.0
Canton	448	10	61	29.49	29.96	----	56.6	+.4	87	8	68	24	16	45	41	52	47	72	1.83	−1.2	16	7,095	w.	29	sw.	15	5	14	12	6.2	T	.0
Ithaca	836	77	100	29.13	30.03	----	59.8	+2.3	89	11	73	30	16	47	44	53	47	63	3.05	−.4	11	6,198	nw.	25	w.	19	10	14	7	5.1	T	.0
Oswego	335	71	85	29.64	30.01	+.04	56.3	+1.1	84	7	67	32	16	46	41	50	45	67	2.01	−1.0	10	6,802	w.	25	sw.	19	8	11	12	5.5	.0	.0
Rochester	523	86	102	29.47	30.04	+.07	60.2	+3.1	88	8	71	33	16	49	37	52	47	62	1.87	−1.1	14	7,034	sw.	30	w.	19	14	10	7	4.4	.0	.0
Syracuse	596	65	79	29.40	30.05	+.07	61.0	+3.3	89	10	72	32	16	51	41	----	----	----	1.63	−1.4	13	5,912	w.	22	sw.	18	8	13	10	5.7	.0	.0
Erie	714	130	166	29.29	30.06	+.08	61.2	+4.4	85	10	70	39	4	52	33	55	51	72	1.27	−2.1	8	8,653	w.	52	w.	2	17	9	5	4.0	.0	.0
Cleveland	762	267	318	29.25	30.06	+.08	62.6	+4.7	87	10	72	39	4	54	31	54	47	57	2.05	−1.1	7	9,498	sw.	52	w.	2	15	10	6	4.1	.0	.0
Sandusky	629	5	67	29.40	30.08	+.10	63.4	+4.2	90	23	74	40	15	53	36	----	----	----	1.26	−1.9	9	6,269	sw.	26	nw.	13	9	15	7	4.9	.0	.0
Toledo	628	79	87	29.39	30.08	+.11	63.6	+4.2	90	10	74	37	14	53	32	54	48	60	2.00	−1.5	5	6,777	w.	30	nw.	13	13	12	6	4.1	.0	.0
Fort Wayne	857	69	84	29.15	30.07	----	64.2	+4.0	87	10	75	39	14	54	37	55	47	58	1.57	−2.3	8	6,242	sw.	24	nw.	19	16	9	6	4.5	.0	.0
Detroit [1]	626	5	78	29.38	30.06	+.09	62.8	+4.8	90	10	74	37	20	51	38	54	47	60	.97	−2.2	7	7,412	sw.	34	w.	19	12	10	9	5.0	.0	.0
Upper Lake Region							57.0	+4.3										68	2.46	−0.8										5.6		
Alpena	609	13	89	29.36	30.03	+.06	54.7	+4.2	91	7	66	32	20	44	43	48	43	69	2.69	−.4	12	8,336	nw.	37	nw.	13	13	8	10	4.7	.0	.0
Escanaba	612	54	60	29.36	30.02	+.05	52.2	+2.6	84	17	61	32	3	43	34	48	43	75	3.87	+.9	14	8,111	s.	33	ne.	2	8	9	14	6.3	T	.0
Grand Rapids	707	70	244	29.28	30.04	+.07	62.8	+4.8	87	9	74	36	4	51	37	54	47	60	.72	−2.7	7	8,605	sw.	40	sw.	23	10	14	7	4.9	.0	.0
Lansing	878	5	90	29.11	30.04	----	60.7	+3.8	88	10	73	33	20	49	38	54	49	68	.78	−2.6	8	6,697	sw.	27	nw.	13	8	15	8	5.5	.0	.0
Ludington	637	5	54	29.34	30.04	----	55.0	+2.8	79	22	64	30	20	46	28	49	----	----	1.45	−1.6	7	----	s.	----	----	----	14	12	5	----	.0	.0
Marquette	734	77	111	29.20	30.02	+.05	52.0	+3.0	84	7	62	31	3	42	44	46	42	72	5.30	+2.3	15	7,013	nw.	36	s.	22	4	15	12	6.3	.0	.0
Sault Ste Marie	614	11	52	29.32	30.02	+.07	50.8	+1.8	82	7	61	31	20	40	38	45	41	75	3.15	+.1	12	6,607	nw.	32	nw.	13	9	10	12	5.8	T	.0
Chicago	673	7	131	29.34	30.06	+.10	64.4	+6.9	88	9	74	39	3	55	33	55	49	63	2.08	−1.5	11	7,212	sw.	27	sw.	1	12	9	10	5.1	.0	.0
Green Bay	617	109	141	29.34	30.00	+.05	60.6	+5.7	87	9	72	35	3	49	42	53	46	62	1.73	−1.8	11	8,167	s.	32	sw.	23	8	6	17	1.3	.0	.0
Milwaukee	681	97	221	29.30	30.03	+.07	60.7	+6.6	87	7	71	37	3	51	40	52	47	65	2.55	−.8	7	8,626	w.	35	n.	31	8	14	9	5.4	.0	.0
Duluth	1,133	5	47	28.76	29.98	+.02	52.7	+5.4	86	31	64	31	2	42	42	46	41	72	2.76	−.5	14	9,053	ne.	38	nw.	12	8	9	14	6.1	1.2	.0
North Dakota							61.8	+7.8										52	0.65	−1.7										4.0		
Moorhead, Minn	940	50	58	28.93	29.93	−.01	62.2	+7.1	91	30	75	35	19	49	39	53	46	58	1.22	−1.7	6	6,991	s.	25	nw.	31	10	13	8	5.0	.0	.0
Bismarck	1,674	8	57	28.16	29.92	.00	62.6	+8.1	92	15	77	33	13	49	41	51	40	49	.12	−2.2	3	7,808	se.	31	sw.	21	15	12	4	3.9	.0	.0
Devils Lake	1,478	8	11	44	28.38	29.94	.00	60.3	+7.7	92	30	76	30	13	45	41	50	41	54	.65	−1.4	6	7,690	s.	29	w.	16	15	9	7	4.3	T	.0
Grand Forks	833	12	67	----	----	----	60.9	----	91	30	76	29	13	46	45	52	----	----	1.00	----	5	----	n.	33	s.	5	5	24	2	----	.0	.0
Williston	1,878	42	50	27.94	29.89	−.04	62.1	+8.1	96	15	75	32	1	49	38	50	39	49	.62	−1.4	6	7,891	se.	35	w.	16	22	6	3	2.7	.0	.0
Upper Mississippi Valley							67.4	+5.7										62	1.84	−2.2										5.0		
Minneapolis	919	105	208	29.00	29.98	.00	64.2	+6.5	93	16	74	33	3	54	31	54	47	57	2.25	−1.4	8	7,781	n.	34	w.	31	8	11	12	5.7	.0	.0
La Crosse	714	11	45	29.22	29.98	+.04	65.4	+6.1	90	16	76	39	3	55	33	57	51	64	3.16	−.6	12	4,240	s.	24	sw.	6	9	8	14	5.5	.0	.0
Madison	974	70	78	28.98	30.01	+.05	64.0	+6.4	87	6	74	37	3	54	34	55	49	63	.79	−3.1	8	6,455	sw.	24	sw.	23	9	7	15	6.1	.0	.0
Charles City	1,015	10	51	28.93	30.00	+.06	64.6	+6.8	92	16	76	39	14	53	34	57	51	66	2.28	−2.0	9	5,351	se.	27	sw.	22	12	6	13	5.0	.0	.0
Davenport	606	66	161	29.38	30.03	+.08	67.7	+6.4	91	31	78	42	3	58	32	57	50	60	1.78	−2.2	7	7,320	sw.	32	sw.	6	10	9	12	5.3	.0	.0
Des Moines	861	5	99	29.10	29.99	+.06	68.2	+6.9	92	31	79	43	14	58	32	58	52	60	1.45	−3.1	10	6,925	s.	31	s.	6	12	8	11	5.3	.0	.0
Dubuque	700	60	79	29.27	30.02	+.07	66.4	+6.1	90	31	77	43	3	56	37	56	49	60	1.43	−2.8	7	4,788	s.	22	nw.	1	10	7	14	5.6	.0	.0
Keokuk	614	64	78	29.38	30.02	+.08	68.7	+4.9	90	31	79	46	14	59	33	59	52	60	2.76	−1.2	5	5,574	s.	21	sw.	6	10	11	10	5.2	.0	.0
Cairo	358	87	93	29.67	30.04	+.08	71.6	+3.2	89	26	81	49	4	62	28	62	57	67	1.72	−2.0	7	5,668	s.	40	sw.	12	12	9	10	4.8	.0	.0
Peoria	609	11	45	29.40	30.06	+.10	67.0	+5.3	89	22	79	43	3	55	39	58	52	62	1.72	−2.3	11	4,939	s.	20	w.	1	17	5	9	4.0	.0	.0
Springfield, Ill	636	5	191	29.37	30.04	+.09	69.2	+6.0	90	22	80	43	14	58	30	59	52	61	1.88	−2.5	9	8,295	s.	28	w.	1	14	9	8	4.6	.0	.0
St. Louis	568	179	303	29.44	30.04	+.09	71.2	+4.2	88	27	81	50	14	62	26	60	54	59	.85	−3.5	7	8,673	s.	43	sw.	9	18	9	4	3.4	.0	.0
Missouri Valley							68.0	+6.0										64	3.30	−0.8										4.8		
Columbia, Mo	784	6	84	29.20	30.03	+.09	69.7	+5.4	89	31	80	47	3	59	35	----	----	----	2.88	−1.6	8	5,755	s.	22	s.	6	17	12	2	3.9	.0	.0
Kansas City [1]	750	32	45	29.20	30.00	+.08	70.9	+6.1	90	31	81	44	3	60	32	61	55	66	4.16	−.5	10	6,824	sw.	34	sw.	6	8	14	9	5.4	.0	.0
St. Joseph	967	11	49	28.97	29.99	----	69.2	----	89	31	79	43	3	59	30	60	55	68	4.14	−.1	12	6,606	s.	38	nw.	1	6	9	6	4.1	.0	.0
Springfield, Mo	1,324	98	104	28.64	30.02	+.09	69.0	+4.5	86	31	78	48	3	60	28	60	54	64	2.37	−2.8	10	6,743	s.	26	sw.	1	13	14	4	3.8	.0	.0
Iola	984	11	50	28.97	30.00	+.08	70.2	+5.0	89	31	81	44	3	59	35	----	----	----	4.36	−.3	12	----	se.	----	----	----	7	18	6	----	.0	.0
Topeka	987	65	87	----	----	----	69.8	+5.5	92	31	81	46	2	59	34	----	----	----	4.79	+.3	12	6,494	s.	31	nw.	1	13	12	6	4.5	.0	.0
Lincoln	1,189	11	81	28.71	29.95	+.04	68.2	+6.5	90	16	79	42	3	58	36	58	53	63	1.95	−2.1	9	7,073	s.	39	s.	5	10	11	10	5.5	.0	.0
Omaha [1]	1,105	170	200	28.94	29.97	+.05	68.0	+5.6	94	26	79	35	3	57	37	59	53	64	4.37	+.6	9	7,914	se.	62	nw.	17	10	10	11	5.5	.0	.0
Valentine	2,598	47	54	27.29	29.98	+.08	62.8	+6.6	94	15	75	35	2	51	41	53	45	59	1.87	−1.0	8	7,336	n.	30	sw.	5	9	14	8	5.4	.0	.0
Sioux City	1,138	64	106	28.76	29.95	+.03	67.4	+7.0	92	16	78	37	3	56	38	57	50	60	4.35	+.3	11	7,317	s.	29	sw.	6	8	13	10	5.8	.0	.0
Huron	1,307	59	74	28.58	29.96	+.04	63.8	+7.4	92	5	76	36	3	52	42	56	50	65	1.09	−1.9	8	7,775	se.	29	n.	12	18	10	3	3.7	.0	.0
Northern Slope							59.8	+7.0										59	1.10	−1.2										4.9		
Havre	2,505	11	67	27.27	29.86	−.04	63.4	+10.0	98	27	79	37	23	48	49	48	35	43	.44	−1.6	7	7,994	sw.	32	sw.	20	13	14	4	4.4	.0	.0
Helena	4,124	85	111	25.78	29.92	−.01	58.9	+7.3	90	29	72	35	6	46	43	46	35	47	.89	−1.4	8	7,389	sw.	38	sw.	6	8	12	11	5.9	T	.0
Missoula	3,263	80	91	----	----	----	60.8	+8.0	95	29	75	34	6	47	42	----	----	----	1.54	−.4	12	5,346	se.	31	e.	12	9	9	13	5.9	T	.0
Kalispell	2,973	48	56	----	29.86	−.02	58.9	+7.5	95	27	73	34	7	45	41	----	----	54	.40	−1.1	7	5,408	w.	26	sw.	14	9	13	9	----	.0	.0
Miles City	2,371	48	55	27.40	29.92	+.01	64.6	+7.9	93	28	78	34	8	51	41	51	39	46	1.12	−1.1	6	6,188	se.	34	nw.	15	18	9	4	3.6	.0	.0
Rapid City	3,259	50	58	26.60	29.97	+.07	62.4	+8.4	95	15	75	33	2	50	43	50	40	48	.09	−3.5	2	6,918	s.	27	nw.	21	14	13	4	4.4	.0	.0
Cheyenne [1]	6,094	50	71	23.98	29.92	+.07	55.8	+5.5	81	4	70	30	8	42	38	45	36	57	2.90	+.5	11	8,900	se.	45	nw.	6	6	14	11	5.8	1.8	.0

[1] Observations taken at airport.

TABLE 1.—*Climatological data for Weather Bureau stations, May 1936*—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 minimum	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 inch 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
Northern Slope—Con.	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F.		°F.	°F.		°F.	°F.	°F.	°F.	%	In.	In.		Miles									In.	In.
Lander	5,372	60	68	24.65	29.92	+.04	58.3	+7.1	89	30	74	32	17	42	42	44	29	39	0.83	−1.4	4	5,051	sw.	38	sw.	5	12	18	1	4.0	0.0	0.0
Sheridan	3,790	10	47	26.06	29.91	------	60.0	------	91	15	77	31	1	43	49	47	35	48	.15	−2.5	3	4,866	nw.	31	nw.	15	15	12	4	4.1	.0	.0
Yellowstone Park	6,241	12	46	23.90	30.01	+.10	51.1	+3.7	85	30	66	28	17	36	40	40	30	51	.61	−1.6	8	6,381	sw.	37	sw.	20	7	19	5	5.4	4.5	.0
North Platte	2,821	11	51	27.06	29.95	+.07	63.8	+5.1	92	15	75	37	2	53	43	54	48	65	3.17	+.4	9	6,227	s.	27	ne.	8	10	14	7	5.5	.0	.0
Middle Slope							66.7	+4.2										61	3.87	+0.5										5.7		
Denver	5,292	106	113	24.74	29.93	+.09	61.3	+5.1	86	5	73	33	7	49	37	48	37	50	1.28	−0.9	10	6,095	s.	30	n.	22	6	16	9	5.6	T	.0
Pueblo	4,685	80	86	25.29	29.91	+.08	63.0	+3.8	89	5	75	36	8	51	35	49	37	49	4.40	+2.8	9	5,766	e.	24	e.	6	8	16	7	5.4	.0	.0
Concordia	1,392	50	58	28.54	29.99	+.06	67.8	+4.6	90	5	78	42	2	58	31	59	54	67	2.86	−1.3	7	6,272	s.	30	sw.	5	10	15	6	5.3	.0	.0
Dodge City	2,509	10	36	27.40	29.97	+.10	67.4	+3.9	94	5	77	44	9	58	34	58	52	66	5.81	+2.9	11	9,646	s.	40	s.	22	11	9	11	5.2	.0	.0
Wichita	1,358	85	93	28.56	29.97	+.07	69.6	+4.5	90	5	79	50	2	61	26	60	55	66	3.30	−1.2	8	7,843	sw.	31	sw.	6	7	11	13	6.2	.0	.0
Oklahoma City	1,214	10	47	28.71	29.97	+.08	71.2	+3.5	89	5	80	54	10	62	25	62	58	69	5.56	+.7	11	6,793	s.	28	se.	6	8	5	18	6.6	.0	.0
Southern Slope							71.2	+0.6										63	4.68	+2.0										5.8		
Abilene	1,738	10	52	28.15	29.93	+.06	73.6	+1.6	93	18	84	54	9	63	30	63	58	67	3.75	−.2	10	6,673	se.	30	se.	7	9	12	10	5.6	.0	.0
Amarillo	3,676	10	49	26.28	29.95	+.11	67.0	+2.9	91	5	77	43	9	57	36	56	49	63	9.02	+6.2	13	7,135	s.	27	e.	20	7	12	12	6.1	.0	.0
Del Rio	960	63	71	28.89	29.86	+.01	75.6	+1.4	91	18	86	60	19	65	30	66	61	68	3.72	+.8	12	7,080	se.	43	n.	19	7	15	9	6.2	.0	.0
Roswell	3,566	75	85	26.34	29.89	+.07	68.5	−.9	93	5	81	41	8	56	39	56	47	55	2.21	+1.1	8	6,539	s.	32	sw.	7	12	11	8	5.2	.0	.0
Southern Plateau							68.5	+3.5										36	0.38	−0.1										3.4		
El Paso	3,778	82	101	26.13	29.82	+.04	74.2	+2.7	95	20	86	49	8	62	30	55	38	34	.56	+.2	2	6,703	se.	32	se.	3	19	9	3	3.2	.0	.0
Albuquerque	4,972	5	39	25.02	29.82	------	65.0	+1.7	90	20	81	37	8	49	41	49	36	44	.27	−.3	6	7,189	n.	36	w.	26	8	12	11	5.6	T	.0
Santa Fe	7,013	38	53	23.28	29.85	+.04	59.0	+3.3	79	4	71	31	8	47	31	45	31	47	1.75	+.5	8	5,083	e.	21	se.	7	10	13	8	5.3	3.0	.0
Flagstaff	6,907	10	59	23.35	29.83	+.05	53.2	+2.5	81	24	72	26	1	35	46	38	----	37	.09	−1.1	1	6,770	nw.	28	sw.	31	12	13	6	----	T	.0
Phoenix	1,108	10	107	28.63	29.76	−.02	81.7	+6.7	106	25	98	55	7	65	41	56	32	22	T	−.1	0	4,990	e.	26	n.	6	23	7	1	1.9	.0	.0
Yuma	141	9	54	29.62	29.76	−.03	80.6	+4.4	107	11	98	56	1	63	45	59	40	32	.0	.0	0	4,471	w.	32	n.	6	27	4	0	1.0	.0	.0
Independence	3,957	5	26	25.90	29.88	+.04	66.0	+3.0	91	24	82	41	1	49	39	46	----	----	.0	−.2	0	------	n.	----	----	---	27	4	0	----	.0	.0
Middle Plateau							60.2	+4.2										36	0.20	−0.8										3.0		
Reno	4,527	61	76	25.46	29.92	+.01	57.6	+3.4	87	25	72	33	30	43	40	44	31	43	T	−.6	0	5,943	w.	30	w.	28	20	10	1	2.6	.0	.0
Tonopah	6,090	12	20	------	------	------	60.0	------	82	25	73	32	6	47	40	42	24	31	T	------	0	------	se.	----	----	---	---	---	---	----	----	----
Winnemucca	4,344	18	56	25.58	29.93	+.02	58.5	+4.6	93	25	76	30	7	42	46	44	30	43	.29	−.6	5	6,019	ne.	32	nw.	5	18	10	3	3.2	T	.0
Modena	5,473	10	46	24.58	29.84	+.02	57.2	+3.7	85	25	75	29	1	40	45	41	22	30	.10	−.7	2	8,441	sw.	41	s.	19	16	11	4	3.2	T	.0
Salt Lake City [1]	4,357	86	210	25.68	29.88	+.02	61.8	+4.4	89	26	78	34	22	46	46	47	33	42	.35	−1.6	3	8,062	se.	54	w.	19	18	7	6	3.1	T	.0
Grand Junction	4,602	60	68	25.33	29.86	+.03	65.9	+4.8	91	29	80	36	9	52	38	47	27	30	.24	−.6	4	5,701	se.	27	sw.	15	17	10	4	3.1	.0	.0
Northern Plateau							62.0	+5.8										46	0.58	−0.8										4.6		
Baker	3,471	48	53	26.42	29.98	+.02	57.4	+5.7	91	26	72	33	17	43	43	47	37	54	.69	−.9	6	4,615	se.	20	n.	6	11	11	9	5.0	T	.0
Boise	2,739	79	87	27.11	29.94	.00	62.8	+5.7	95	26	76	35	6	49	37	50	38	46	.69	−.7	3	4,734	nw.	22	nw.	5	13	11	7	4.4	T	.0
Pocatello	4,477	60	68	25.44	29.91	+.02	59.5	+5.7	89	26	74	32	6	45	40	45	30	39	.71	−.8	6	7,115	se.	31	sw.	19	15	11	5	3.7	T	.0
Spokane	1,929	101	110	27.90	29.92	−.04	62.0	+6.5	93	26	75	40	6	49	40	49	38	47	.57	−.8	8	5,716	s.	31	s.	27	12	12	7	5.1	.0	.0
Walla Walla	991	57	65	28.87	29.93	−.03	65.8	+6.2	99	26	78	43	6	54	41	52	40	44	.49	−1.1	8	5,029	sw.	25	w.	5	9	16	6	4.7	.0	.0
Yakima	1,076	58	67	28.79	29.93	------	64.2	+5.2	97	26	77	37	20	52	39	51	38	43	.32	−.3	6	5,866	nw.	24	w.	5	10	12	9	5.0	.0	.0
North Pacific Coast Region							57.3	+3.7										74	3.36	+1.0										6.9		
North Head	211	11	56	29.81	30.04	+.01	53.1	+2.2	76	12	58	43	17	49	26	51	48	87	4.42	+1.5	16	12,681	nw.	49	s.	4	3	7	21	7.6	.0	.0
Seattle	125	90	321	29.87	30.00	−.01	59.0	+4.5	82	25	68	43	7	50	30	52	46	68	3.29	+1.4	17	6,845	n.	28	s.	5	7	9	15	6.4	.0	.0
Tatoosh Island	86	10	54	29.92	30.02	+.01	52.4	+2.8	70	12	56	44	9	49	20	50	47	86	4.33	+.3	16	9,317	s.	40	s.	18	0	5	26	8.7	.0	.0
Medford	1,329	29	58	28.59	29.98	------	61.2	------	97	25	76	35	7	46	50	51	44	65	1.62	+.4	15	------	nw.	----	----	---	11	13	7	----	T	.0
Portland, Oreg.	153	68	106	29.84	30.00	−.03	61.2	+4.3	89	12	71	41	7	52	35	53	47	66	3.72	+1.5	16	5,164	nw.	26	sw.	14	8	7	16	6.2	.0	.0
Roseburg	510	45	76	29.47	30.02	−.01	60.8	+4.8	90	10	74	38	7	48	40	52	47	69	2.78	+.8	14	3,745	n.	24	sw.	18	8	8	15	5.7	.0	.0
Middle Pacific Coast Region							62.9	+3.3										62	1.03	−0.2										4.0		
Eureka	62	73	89	29.97	30.04	−.01	55.6	+3.6	74	13	62	43	7	50	20	52	49	83	2.23	+.4	13	6,629	n.	30	s.	27	10	11	10	5.1	.0	.0
Redding	722	20	34	------	------	------	68.0	+1.6	99	25	80	44	6	56	34	54	41	45	.72	−.8	7	6,725	nw.	27	nw.	19	16	6	9	4.3	.0	.0
Sacramento	66	92	115	29.86	29.93	−.01	66.6	+3.3	98	23	79	45	20	54	36	54	44	52	.68	−.1	3	6,159	sw.	27	nw.	6	19	9	3	2.6	.0	.0
San Francisco	155	208	243	29.81	29.98	−.01	61.5	+4.7	85	8	68	50	24	55	27	54	48	69	.49	−.3	6	7,108	w.	30	n.	6	15	10	6	4.0	.0	.0
South Pacific Coast Region							66.5	+3.1										62	0.01	−0.4										3.4		
Fresno	327	97	105	29.56	29.91	−.01	70.7	+3.6	100	23	85	47	20	56	36	55	42	45	.04	−.4	1	5,682	nw.	30	nw.	6	21	7	3	2.6	.0	.0
Los Angeles	338	159	191	29.57	29.93	−.02	65.6	+3.4	83	9	74	53	30	57	25	57	51	67	.00	−.4	0	4,446	sw.	16	w.	28	19	9	3	3.0	.0	.0
San Diego	87	62	70	29.84	29.93	−.02	63.2	+2.4	76	8	69	53	7	58	23	57	54	75	T	−.4	0	5,473	w.	20	nw.	14	15	8	8	4.5	.0	.0
West Indies																																
San Juan, P. R.	82	9	54	29.82	29.90	------	79.4	+.8	90	29	84	71	11	74	16	----	----	----	16.88	+11.6	23	6,200	se.	25	e.	1	2	17	12	6.7	.0	.0
Panama Canal																																
Balboa Heights	118	6	92	------	[2]29.80	−.02	81.0	+.3	92	1	87	73	1	75	19	----	----	[2]85	6.36	−1.5	16	3,809	nw.	23	nw.	2	0	22	9	6.9	.0	.0
Cristobal	36	6	97	------	[2]29.81	−.03	81.5	+.8	92	28	86	74	4	77	12	77	76	[2]84	12.86	+.3	21	4,994	n.	23	n.	4	0	13	18	8.0	.0	.0
Alaska																																
Fairbanks	454	11	87	------	------	------	------	------	---	---	---	---	---	---	---	---	---	---	------	------	---	------	---	---	---	---	---	---	---	---	---	---
Juneau	80	96	116	[2]29.85	[2]29.94	------	48.0	------	79	31	55	32	2	41	35	43	38	71	5.59	------	22	4,566	s.	24	se.	23	5	2	24	7.8	.0	.0
Hawaiian Islands																																
Honolulu	38	86	100	[2]30.03	[2]30.07	------	73.4	−1.4	81	30	77	66	11	70	11	66	62	69	1.60	−.2	18	8,529	e.	30	ne.	17	5	17	9	6.0	.0	.0

[1] Observations taken at airport.
[2] Observations taken bihourly.

TABLE 2.—*Data furnished by the Canadian Meteorological Service, May 1936*

Station	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	*In.*	*In.*	*In.*	*° F.*	*° F.*	*° F.*	*° F.*	*° F.*	*° F.*	*In.*	*In.*	*In.*
Cape Race, Newfoundland	99				39.5		44.9	34.1	59	26	7.09		0.0
Sydney, Cape Breton Island	48	29.88	29.93	−0.04	46.7	+1.5	57.2	36.3	75	25	4.38	+0.61	.0
Halifax, Nova Scotia	88	29.71	29.81	−.17	48.7	+.3	56.7	40.8	78	33	3.51	−.75	.6
Yarmouth, Nova Scotia	65	29.85	29.92	−.06	48.9	+1.3	56.2	41.7	67	32	1.47	−2.10	.1
Charlottetown, Prince Edward Island	38	29.85	29.89	−.07	47.3	+.4	55.8	38.8	70	28	5.53	+2.62	.5
Chatham, New Brunswick	28	29.80	29.83	−.12	47.3	−1.2	57.4	37.2	74	26	3.69	+.48	2.2
Father Point, Quebec	20	29.85	29.87	−.06	42.5	−1.5	49.4	35.5	64	28	3.71	+1.13	.0
Quebec, Quebec	296	29.56	29.89	−.05	49.8	−.1	58.2	41.4	78	29	5.16	+2.08	T
Doucet, Quebec	1,236				42.9		54.7	31.2	82	14	5.34		5.1
Ottawa, Ontario	236	29.69	29.95	+.01	55.8	+.9	66.6	44.9	89	26	2.38	−.21	.0
Kingston, Ontario	285	29.67	29.98	+.02	53.7	+.8	62.7	44.7	78	28	2.04	−.64	.0
Toronto, Ontario	379	29.61	30.01	+.03	58.7	+5.5	70.1	47.3	90	32	.72	−2.32	.0
Cochrane, Ontario	930				43.0		53.2	32.8	81	18	3.49		4.0
White River, Ontario	1,244	28.67	29.99	+.04	46.1	+.4	57.9	34.4	78	20	2.79	+.84	T
London, Ontario	808				57.5		69.4	45.6	85	31	1.10		.0
Southampton, Ontario	656	29.31	30.03	+.07	53.1	+2.4	64.1	42.1	81	28	.83	−1.61	.0
Parry Sound, Ontario	688	29.30	30.00	+.05	53.1	+2.0	64.1	42.2	82	26	1.92	−1.01	.1
Port Arthur, Ontario	644		30.01	+.05	46.8	+.9	57.7	35.9	73	22	2.74	+.59	.0
Winnipeg, Manitoba	760	29.11	29.93	−.03	57.5	+5.9	71.2	43.8	93	29	.94	−1.34	T
Minnedosa, Manitoba	1,690	28.14	29.94	−.02	55.8	+7.4	69.6	41.9	90	26	.75	−.70	.0
Le Pas, Manitoba	860				49.8		61.7	37.8	93	22	1.10		1.7
Qu'Appelle, Saskatchewan	2,115	27.64	29.86	−.08	55.4	+5.6	69.8	41.1	94	24	1.72	+.07	.0
Moose Jaw, Saskatchewan	1,759				58.4		72.0	44.9	97	32	3.31		T
Swift Current, Saskatchewan	2,392	27.34	29.82	−.10	59.8	+9.1	73.9	45.7	97	33	1.21	−.55	.0
Medicine Hat, Alberta	2,365	27.39	29.84	−.05	61.6	+7.5	75.3	48.0	97	38	.83	−.48	.0
Calgary, Alberta	3,540	26.26	29.89	+.01	55.8	+6.8	69.3	42.4	88	28	2.16	+.39	T
Prince Albert, Saskatchewan	1,450	28.38	29.94	−.01	56.1	+8.5	69.0	43.3	96	30	.67	−.59	.0
Battleford, Saskatchewan	1,592	28.16	29.88	−.04	58.7	+7.7	73.0	44.5	101	32	.45	−1.17	.0
Kamloops, British Columbia	1,262	28.62	29.89	.00	62.6	+3.5	76.3	48.9	99	38	1.28	+.04	.0
Victoria, British Columbia	230	29.75	30.00	.00	54.6	+2.1	61.4	47.9	74	42	1.68	+.20	.0
Estevan Point, British Columbia	20				51.5		56.3	46.7	61	38	5.63		.0
Prince Rupert, British Columbia	170				47.8		55.4	40.2	71	32	9.08		.0

SEVERE LOCAL STORMS, MAY 1936

[Compiled by Mary O. Souder from reports submitted by Weather Bureau officials]

[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
Eskridge, Kans., 8 miles north	1	2 a. m.			$1,000	Wind	Large barn and several small farm buildings blown down; path 1½ miles long.
Chicago, Ill.	1	12:14 p. m.		1		Thunderstorm	Streets and underpasses flooded; some damage by lightning.
Garfield County, Okla.	1	2:40–5:10 p. m.	[1] ½–3		2,500	Hail	Storm path ran through Enid and Waukomis; estimated damage in former city $2,500; gardens ruined, windows broken, roofs damaged and crops, especially wheat, beaten down; path 15 miles long.
Albert, Okla.	1	6:45 p. m.	440	3	40,000	Tornado	11 persons injured; 4 rural homes completely destroyed loss to crops $5,000; property damage $35,000; path 2 miles long.
Knox City, Tex.	1	10 p. m.	[1] 2		25,000	Hail	Roofs damaged.
Pleasant Plains, Ill., vicinity of.	1				10,000	Wind	Property damaged.
Detroit, Mich.	2	12:45 p. m.	2,640	2		Thundersquall and hail	In less than 2 hours 0.58 inch of rain was recorded; hail fell in the northwest and northern section of Detroit eastward over lakee St. Clair; in Detroit only few windowpanes were damaged, but flower gardens were ruined; heavy hail damage reported along Lake St. Clair, and 3 boys injured by hail. A branch of the storm cut southeastward and struck over the Windsor, Ontario, section, with considerable damage, several roofs blowing off; trees and telephone poles down. 2 men drowned when their boat capsized in the Detroit River near Trenton, Mich.
Sapello (near), N. Mex.	3	2 p. m.	200	0		Tornado and hail	2 houses and 7 outbuildings destroyed; hail accompanied the storm over an area ½ to 2 miles wide and nearly 40 miles long, covering the ground with an average depth of 4 inches.
Chamberino to La Union (near) N. Mex.	3	7:30 p. m.	2,640		25,000	Hail	Man seriously injured; loss to crops; many roofs damaged.
Mescalero, N. Mex.	3	8 p. m.				do	About two-thirds of fruit on trees lost.
Havre, Mont., vicinity of	4	5:30–6 p. m.	[1] 2–3		500	Wind	Barn wrecked.
Plevna, Mont., 2 miles south	5	5:30 p. m.	50–100	0	200	Tornado	Several small buildings wrecked; path short.
West Bend, Wis., and vicinity	6	5:30 a. m.				Thundersquall	2.51 inches in 2½ hours recorded; heaviest rainfall in Washington County since the disastrous flood of 1924; heavy damage to roads; roofs of barns blown off and hayrack demolished; many thousand dollars' loss to newly seeded fields; some so severely rutted that replanting will be necessary.
Lincoln County, Wis., southern portion.	6					Heavy rain, electrical.	A cloudburst, accompanied by one of the most violent electrical storms in recent years, flooded roads over a wide area causing severe washouts along the Milwaukee road; many communication and power lines out of commission because of lightning. All creeks in the Corning, Scott and Pine River sections swollen; bridges and culverts flooded and tracks at numerous points washed out; passengers, mail and express were transferred from Wausau to Merrill by automobile and truck. All available section workers required to repair damage and restore service as soon as possible. One side of the South Foster street bridge collapsed under the rush of water which swept over the street to the north for about 2 blocks.
Ransom, Kans.	7	4 p. m.			200	Wind	Small buildings damaged; trees broken off.