FORM MAP C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY WEATHER MAP

Washington, D. C., Wednesday, July 5, 1939

FORECASTS UNTIL 7:30 P. M. WEDNESDAY

STATE FORECASTS

District of Columbia, showers this afternoon, generally fair to-night and Thursday, except local thundershowers Thursday afternoon; not much change in temperature; gentle to moderate south and southwest winds.

Maryland, mostly cloudy with showers this afternoon and in extreme east portion early to-night; Thursday generally fair, except local thundershowers in north portion in afternoon; not much change in temperature.

Virginia, generally fair to-night, preceded by local thundershowers in southeast portion this afternoon or early to-night; Thursday generally fair, except local thundershowers in extreme west and extreme north portions Thursday afternoon; not much change in temperature.

Maine, cloudy with showers to-night and in east portion Thursday; slightly warmer on the coast Thursday.

New Hampshire, Massachusetts, Rhode Island, and Connecticut, showers this afternoon and to-night; Thursday mostly cloudy; not much change in temperature.

Vermont, mostly cloudy to-night and Thursday; showers and slightly cooler to-night.

Eastern New York, cloudy with showers this afternoon and in east and south portions to-night; Thursday mostly cloudy, followed by local showers and thunderstorms Thursday night and in the interior Thursday afternoon; slightly cooler to-night in north and east-central portions.

Eastern Pennsylvania, cloudy with showers this afternoon and in east portion early to-night; Thursday fair in morning and local thundershowers in afternoon; not much change in temperature.

New Jersey, showers this afternoon and to-night; Thursday generally fair, except local thundershowers in northwest portion later Thursday afternoon; little change in temperature.

Delaware, showers this afternoon ending early to-night; Thursday generally fair, except local thundershowers in north portion Thursday afternoon; little change in temperature.

Tennessee, generally fair and continued warm to-night and Thursday.

Kentucky, generally fair and continued warm to-night and Thursday, except local thundershowers Thursday afternoon in east and south portions.

West Virginia and Western Pennsylvania, fair to-night, followed by local showers and thunderstorms Thursday; not much change in temperature.

Western New York, mostly cloudy to-night and Thursday, showers and thunderstorms Thursday; slightly cooler to-night in north portion.

Ohio, increasing cloudiness, followed by local showers and thunderstorms Thursday and in northwest portion to-night; slightly warmer in northwest and central portions to-night.

GENERAL FORECAST

North and Middle Atlantic States, the lower Lake region, the Ohio Valley, and Tennessee: There will be showers in the Middle Atlantic and North Atlantic States this afternoon and to-night, and local thundershowers in the Ohio Valley, the lower Lake region, the Appalachian region, and the interior of the Middle Atlantic States Thursday. Temperature changes will be unimportant.

MARINE FORECASTS AND INFORMATION

Eastport to Sandy Hook, moderate to fresh south, shifting to southwest or west winds, and overcast weather with showers to-night; Thursday overcast to broken clouds.

Sandy Hook to Hatteras, moderate to fresh south and southwest winds and overcast weather with showers to-night; Thursday broken clouds.

WEATHER CONDITIONS LAST 24 HOURS

A disturbance of marked intensity is central northwest of Hudson Bay, moving slowly eastward, Chesterfield, District of Mackenzie, 984.1 millibars (29.06 inches), and pressure is low thence southward and southwestward to the southern Plateau region and the upper Rio Grande Valley, Phillipsburg, Kans., 1002.4 millibars (29.60 inches); Battleford, Sask., 1004.4 millibars (29.66 inches), and Salt Lake City, Utah, 1006.8 millibars (29.73 inches). Pressure is low also over the lower Lake region, Erie, Pa., 1009.8 millibars (29.82 inches). Pressure is high over the western Atlantic ocean, St. Georges, Bermuda, 1023.0 millibars (30.14 inches), and it is relatively high over the Pacific States, Eureka, Calif., 1016.9 millibars (30.01 inches). Showers have occurred in the Lake region, the Ohio and upper Mississippi Valleys, the Appalachian region, and portions of the Middle Atlantic and South Atlantic States, the central and northern Plains States, the northern Plateau and northern Rocky Mountain regions, and the North Pacific States. The temperature has risen in New England, New York, and the upper Mississippi and lower Missouri Valleys. Elsewhere temperature changes have been slight.

C. L. MITCHELL.

Observations are taken at 7:30 a. m. and 7:30 p. m., 75th meridian time.

Barometer readings are reduced to sea level and standard gravity. When heavy, dotted lines appear they indicate regions of marked changes in temperature during the last 24 hours. Shaded areas show regions of precipitation of .01 inch or more during the last 24 hours. Arrows point in the direction the wind is blowing. Solid black lines are isobars and light, dotted lines isotherms.

Wind velocities of less than 10 miles an hour, and amounts of precipitation of less than .01 of an inch, are not published hereon.

Symbols indicate: ○ clear, ◑ partly cloudy, ● cloudy, R rain, S snow, F fog, ▲ hail, △ sleet, ↻ storm warnings, CW cold wave warnings, →◌→ storm track and location of storm center, date above, time (a. m. or p. m.) below, ⊼a, ⊼p, thunderstorms at or near the station during 12 hours ending 7:30 a. m. or 7:30 p. m., respectively.

WIND-BAROMETER INDICATIONS

When the wind sets in from points between south and southeast and the barometer falls steadily, a storm is approaching from the west or northwest, and its center will pass near or north of the observer within 12 to 24 hours with wind shifting to northwest by way of southwest and west. When the wind sets in from points between east and northeast and the barometer falls steadily, a storm is approaching from the south or southwest, and its center will pass near or to the south or east of the observer within 12 or 24 hours with wind shifting to northwest by way of north. The rapidity of the storm's approach and its intensity will be indicated by the rate and the amount of the fall in the barometer.

STATUTE MILES 300 50 0 100 200 300 400

KILOMETRES 100 50 0 100 200 300 400 500

WEDNESDAY, July 5, 1939—7:30 A.M. (E.S.T.)

North latitudes and International Nos.	Stations	Pressure reduced to sea level (millibars)	Temperature: At 7:30 a. m.	Change in 24 hours	Highest last 24 hours	Lowest last night	Wind velocity in miles per hour	Precipitation in last 24 hours, inches
	831 Kapuskasing, Ont.	1010	66	+ 2	74	58	10	.35
	852 Winnipeg, Man.	1005	64	+ 2	85	63	.....	.16
	853 Minnedosa, Man.	1007	61	+ 1	82	57	.....	0
	862 Qu'Appelle, Sask.	1007	55	− 3	79	51	.....	0
	867 The Pas, Man.	1008	52	− 6	73	46	.....	.16
	869 Prince Albert	1008	51	− 7	75	49	.....	.16
	870 Swift Current, Sask.							
	872 Medicine Hat, Alb.							
	876 Battleford, Sask.	1004	55	− 2	77	50	.....	.02
	877 Calgary, Alb.							
	879 Edmonton, Alb.							
	887 Kamloops, B.C.	1011	55	− 4	.....	53	.....	0
	800 Cape Race, N. F.	1009	56	+10	56	40	.....	.26
	714 Quebec, Que.	1013	69	+ 1	84	56	.....	0
	719 Father Point, Que.	1012	59	− 1	64	55	10	0
	728 Doucet, Que.	1010	65	− 4	85	45	.....	0
	734 Sault Ste. Marie, Mich.*	1012	61	− 1	77	54	.....	.07
	738 White River, Ont.	1011	61	+ 6	76	51	.....	.02
	743 Marquette, Mich.	1010	72	+ 7	72	56	.....	0
	745 Duluth, Minn.	1004	64	+ 10	84	53	.....	0
	752 Moorhead, Minn.	1005	69	+ 4	89	69	10	0
	757 Devils Lake, N. Dak.	1006	65	− 2	88	64	.....	1.07
	761 Miles City, Mont.	1008	60	− 3	87	60	.....	.03
	764 Bismarck, N. Dak.	1006	65	− 3	90	62	10	.50
	767 Williston, N. Dak.	1006	62	− 4	82	56	.....	0
	772 Helena, Mont.	1012	49	− 8	68	48	10	.12
	777 Havre, Mont.	1008	58	− 5	78	58	.....	0
	781 Kalispell, Mont.	1011	44	+ 8	72	43	.....	0
	785 Spokane, Wash.	1010	56	0	72	53	.....	0
	793 Seattle, Wash.	1013	55	0	71	51	.....	0
	798 Tatoosh Island, Wash.	1014	53	+ 1	70	52	.....	.03
	605 Concord, N. H.	1015	70	+ 5	91	61	.....	0
	606 Portland, Maine	1015	70	+ 2	82	65	10	0
	608 Eastport, Maine	1015	67	0	75	53	.....	0
	617 Burlington, Vt.	1012	75	+10	84	70	10	0
	619 Greenville, Maine	1015	69	+ 1	85	53	.....	0
	620 Oswego, N. Y.	1011	76	+ 8	89	70	10	0
	622 Canton, N. Y.	1012	76	+ 5	89	68	.....	0
	624 Toronto, Ont.	1010	69	+ 4	87	67	.....	.03
	627 Montreal, Que.	1012	75	+ 8	85	68	.....	.07
	631 Parry Sound, Ont.	1010	70	+ 8	87	66	.....	.02
	635 Grand Rapids, Mich.	1010	70	− 2	82	59	.....	.76
	638 Frankfort, Mich.	1011	73	+ 2	84	64	.....	1.76
	639 Alpena, Mich.	1012	68	− 2	72	68	.....	.02
	640 Milwaukee, Wis.	1011	70	+ 1	81	63	.....	0
	642 Charles City, Iowa	1009	70	− 2	89	69	.....	.09
	643 La Crosse, Wis.	1010	77	+ 8	92	74	10	0
	645 Green Bay, Wis.	1012	71	+ 2	84	66	.....	.04
	654 Harrison, S. Dak.*	1004	70	+ 3	99	65	16	.02
	659 Mpls.-St. P., Minn.*	1008	72	+ 3	93	71	10	0
	663 Rapid City, S. Dak.	1007	62	− 6	98	61	.....	0
	666 Sheridan, Wyo.	1010	54	− 3	84	53	.....	.20
	675 Yellowstone Pk., Wyo.	1014	46	+ 3	70	44	.....	.05
	681 Boise, Idaho	1012	60	+ 1	76	59	.....	.08
	685 Baker, Oreg.	1012	49	− 9	77	49	.....	.16
	690 Roseburg, Oreg.	1016	56	− 3	77	55	.....	.12
	698 Portland, Oreg.	1014	58	0	69	57	.....	.01
	503 New York, N. Y.	1015	74	+ 8	84	70	10	0
	504 New Haven, Conn.	1016	73	+ 6	86	68	.....	0
	505 Block Island, R. I.	1016	71	+ 5	75	65	16	0
	506 Nantucket, Mass.	1016	68	− 1	77	62	16	0
	509 Boston, Mass.*	1015	74	+ 3	91	66	.....	0
	511 Harrisburg, Pa.*	1013	73	+ 3	93	72	10	0
	514 Scranton, Pa.	1014	73	+ 6	89	69	.....	0
	515 Binghamton, N. Y.	1014	72	+ 9	91	69	10	0
	517 Ithaca, N. Y.	1014	71	+ 6	93	69	10	0
	518 Albany, N. Y.*	1015	75	+ 9	91	70	16	0
	520 Pittsburgh, Pa.*	1013	67	− 7	83	64	.....	.36
	524 Cleveland, Ohio	1013	68	+ 6	86	67	10	.07
	526 Erie, Pa.	1010	71	− 5	85	69	.....	.05
	528 Buffalo, N. Y.	1010	75	+ 3	91	69	10	0
	532 Peoria, Ill.	1010	75	+ 3	89	.....	.....	0
	533 Fort Wayne, Ind.	1012	70	− 1	81	67	.....	.03
	534 Chicago, Ill.	1011	71	− 7	89	74	.....	.01
	537 Detroit, Mich.	1012	71	− 4	86	66	10	.34
	541 Keokuk, Iowa	1010	80	+12	91	78	.....	0
	545 Davenport, Iowa	1011	77	+ 5	89	76	.....	0
	546 Des Moines, Iowa	1008	68	0	91	66	10	.59
	553 Omaha, Nebr.*	1005	71	0	94	68	16	1.57
	557 Sioux City, Iowa	1005	70	0	92	69	10	.17
	562 North Platte, Nebr.	1005	59	− 7	94	58	.....	0
	564 Cheyenne, Wyo.*	1008	56	− 2	85	54	10	0
	567 Valentine, Nebr.	1006	63	+ 2	93	60	.....	.01
	572 Salt Lake City, Utah*	1007	61	− 8	90	55	10	0
	576 Lander, Wyo.	1009	50	− 16	84	48	16	0
	578 Pocatello, Idaho*							
	583 Winnemucca, Nev.	1010	58	− 1	81	58	.....	.01
	592 Redding, Calif.	1013	62	− 4	81	62	10	.....
	594 Eureka, Calif.	1016	55	+ 1	60	55	.....	.03
	401 Richmond, Va.	1016	72	+ 2	86	71	10	.53
	405 WASHINGTON, D.C.	1014	74	− 1	88	73	.....	.07
	406 Baltimore, Md.	1015	74	− 3	88	73	16	0
	407 Atlantic City, N. J.	1016	72	− 1	77	70	22	0
	408 Philadelphia, Pa.	1016	75	+ 6	88	71	16	0
	410 Lynchburg, Va.	1015	72	− 1	80	71	10	.07
	413 Pikeville, Ky.	1014	70	− 1	87	68	.....	2.02
	417 Elkins, W. Va.	1013	68	− 1	77	65	.....	.72
	423 Louisville, Ky.	1013	77	+ 4	84	75	.....	.01
	426 Cincinnati, Ohio	1012	76	+ 2	88	69	.....	0
	427 Parkersburg, W. Va.	1013	71	0	87	70	.....	.39
	428 Columbus, Ohio	1012	66	− 6	86	64	.....	1.06
	432 Evansville, Ind.	1012	78	+ 2	91	77	10	.07
	434 St. Louis, Mo.	1012	81	+11	94	78	.....	.13
	438 Indianapolis, Ind.	1012	72	0	83	67	.....	.01
	439 Springfield, Ill.	1010	78	+ 9	91	73	.....	0
	440 Springfield, Mo.	1013	75	+ 3	91	70	.....	0
	445 Columbia, Mo.*	1010	77	+ 7	96	75	.....	0
	446 Kansas City, Mo.*	1009	80	+ 1	100	79	10	0
	449 St. Joseph, Mo.	1008	77	+ 3	94	74	10	0
	450 Wichita, Kans.	1006	77	+ 3	98	75	22	0
	451 Dodge City, Kans.	1004	76	− 1	100	76	16	0
	458 Concordia, Kans.	1004	80	+ 8	99	76	.....	0
	464 Pueblo, Colo.	1005	64	+ 7	95	62	10	0
	469 Denver, Colo.	1008	61	− 1	89	60	10	0
	473 Modena, Utah	1008	57	+ 8	80	55	.....	0
	476 Grand Junction, Colo.	1009	70	+ 4	90	63	.....	0
	485 Tonopah, Nev.	1007	58	0	81	58	.....	0
	494 San Francisco, Calif.	1015	56	+ 1	63	56	.....	0
	301 Wilmington, N. C.	1018	78	− 2	83	73	.....	0
	304 Hatteras, N. C.	1019	79	0	84	77	10	0
	306 Raleigh, N. C.	1020	72	0	87	69	.....	0
	307 Cape Henry, Va.	1017	74	0	86	72	10	0
	310 Columbia, S. C.	1018	74	− 1	89	72	.....	0
	313 Spartanburg, S. C.	1019	72	+ 1	87	70	.....	.01
	314 Charlotte, N. C.	1017	71	0	80	69	22	.02
	315 Asheville, N. C.	1017	66	− 2	78	65	.....	.38
	319 Wytheville, Va.	1016	65	− 1	83	63	.....	.66
	324 Chattanooga, Tenn.	1016	74	+ 3	90	70	.....	0
	326 Knoxville, Tenn.	1016	75	+ 6	88	74	.....	0
	327 Nashville, Tenn.	1014	73	+ 3	90	76	10	0
	334 Memphis, Tenn.	1014	77	0	87	76	.....	0
	338 Cairo, Ill.	1012	77	0	88	76	10	0
	340 Little Rock, Ark.	1014	76	− 1	94	74	10	0
	344 Fort Smith, Ark.	1013	77	− 1	95	75	.....	0
	353 Oklahoma City, Okla.	1016	76	+ 1	94	75	16	0
	363 Amarillo, Tex.	1016	72	+ 6	91	70	.....	0
	366 Santa Fe, N. Mex.	1013	55	0	81	55	.....	0
	375 Flagstaff, Ariz.	1009	47	− 4	74	46	10	0
	380 Fresno, Calif.	1013	62	− 1	90	61	16	0
	201 Key West, Fla.	1015	83	− 1	87	75	10	.78
	202 Miami, Fla.	1015	78	+ 1	86	76	.....	.19
	206 Jacksonville, Fla.	1016	79	− 2	88	73	10	.04
	207 Savannah, Ga.	1017	77	− 1	86	70	10	.06
	208 Charleston, S. C.	1017	75	0	88	70	.....	0
	210 Port Eyers, Fla.	1015	80	+ 1	88	75	.....	1.13
	211 Tampa, Fla.	1015	75	− 3	87	73	10	.01
	213 Thomasville, Ga.	1018	77	+ 5	88	70	.....	.16
	217 Macon, Ga.	1018	76	+ 4	92	70	.....	0
	218 Augusta, Ga.	1018	76	+ 2	93	71	.....	0
	219 Atlanta, Ga.*	1017	74	+ 2	90	70	.....	0
	220 Appalachicola, Fla.	1016	79	+ 4	92	75	.....	0
	222 Pensacola, Fla.	1016	80	+	89	77	10	.22
	223 Mobile, Ala.	1016	80	+ 2	94	76	.....	0
	226 Montgomery, Ala.	1016	73	+ 3	93	71	.....	.20
	228 Birmingham, Ala.	1016	75	+ 1	91	70	.....	0
	231 New Orleans, La.	1016	78	+ 1	96	75	.....	0
	234 Meridian, Miss.	1016	75	− 7	92	70	.....	0
	236 Vicksburg, Miss.	1016	76	+ 1	92	76	10	0
	241 Port Arthur, Tex.	1016	80	+ 1	89	78	16	0
	242 Galveston, Tex.	1016	82	0	91	81	16	0
	247 Palestine, Tex.	1015	76	0	93	76	10	0
	248 Shreveport, La.	1015	77	+ 1	98	77	16	0
	250 Brownsville, Tex.	1014	77	− 1	92	77	10	0
	251 Corpus Christi, Tex.	1016	76	− 3	94	73	.....	0
	253 San Antonio, Tex.	1014	73	− 6	100	72	.....	0
	258 Dallas, Tex.	1012	77	+ 1	95	76	.....	0
	261 Del Rio, Tex.	1014	79	0	97	79	10	0
	266 Abilene, Tex.	1010	79	+ 1	96	75	16	0
	268 Roswell, N. Mex.	1009	68	− 1	93	68	.....	0
	270 El Paso, Tex.	1010	74	+ 8	88	72	.....	0
	278 Phoenix, Ariz.	1010	98	− 1	102	82	10	0
	290 San Diego, Calif.	1015	65	+ 1	71	63	.....	0
	295 Los Angeles, Calif.	1015	62	− 1	71	60	.....	0

Reports from Atlantic, Pacific, and Alaskan Stations

Stations	Pressure (millibars)	Temp., dry bulb	Wind: Direction	Wind: Force†	Weather
July 5, 1939					
Lisbon, Portugal	1014	75	e.	2	p. cloudy.
Horta (Fayal), Azores	1026	68	e.	2	cloudy.
St. Georges, Bermuda	1021	78	e.	3	p. cloudy.
Turks Island, W. I.	1017	84	se.	5	p. cloudy.
Havana, Cuba, W. I.	1015	78	se.	2	p. cloudy.
Nassau, N. P., W. I.					
San Juan, P. R.	1017	79	e.	3	cloudy.
Colon, Panama	1011	81	n.	3	cloudy.
St. Paul, Alaska					
Dutch Harbor, Alaska	1014	44	s.	2	p. cloudy.
Nome, Alaska	1005	51	n.	3	cloudy.
Bethel, Alaska					
Kodiak, Alaska					
Barrow, Alaska	1012	38	n.	3	p. cloudy.
Fairbanks, Alaska					
Cordova, Alaska					
Juneau, Alaska					
Honolulu, T. H.	1017	73	ne.	3	p. cloudy.
Midway Island					

† Beaufort scale.

RIVER STAGES, 8 A. M., JULY 5, 1939

Flood stages	Stations	Height above zero	Change	Remarks
Feet		Feet	Feet	
15	Hastings	4.6	0.0	Falling.
12	La Crosse	3.4	0.4	Falling.
18	Dubuque	9.5	0.8	Falling.
15	Davenport	7.1	0.6	Falling.
12	Keokuk	7.7	+ 0.0	Rising.
18	Peoria	11.2	+ 0.3	Falling.
19	Bismarck	9.2	− 0.4	Falling.
19	Sioux City	7.3	0.5	Falling.
19	Omaha	12.3	− 0.2	Falling.
22	Kansas City	12.9	− 0.4	Falling.
30	St. Louis	14.6	0.4	Falling.
25	Pittsburgh	16.3	+ 0.3	Pool.
36	Parkersburg	11.2	+ 1.2	Pool.
52	Cincinnati	15.6	+ 2.4	Rising.
55	Louisville	16.8	+ 0.3	Pool.
35	Evansville	12.9	+ 0.3	Falling.
40	Nashville	10.2	0.0	Falling.
30	Chattanooga	8.7	− 0.2	Falling.
40	Cairo	23.8	− 0.4	Falling.
34	Memphis	18.2	− 0.8	Falling.
22	Fort Smith	13.6	+ 0.6	Rising.
22	Van Buren	13.8	+ 1.2	Rising.
23	Little Rock	8.5	+ 1.2	Rising.
42	Arkansas City	20.9	− 0.1	Falling.
43	Vicksburg	20.5	0.0	Falling.
39	Shreveport	7.2	− 0.4	Rising.
17	New Orleans	6.5	− 0.1	Rising.

*Observations taken at airport station.

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