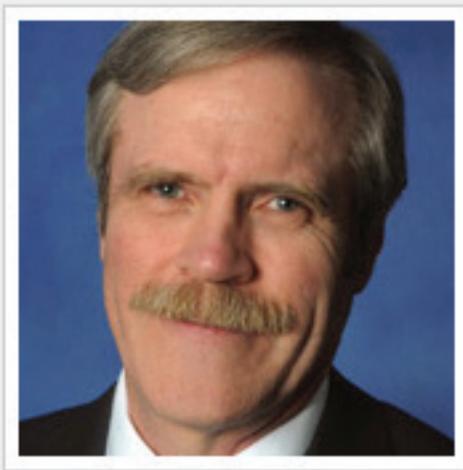


# The Alabama Climate Report

Brought to you by the Office of the Alabama Climatologist

**Volume 4, Number 10, July 2014**



Dr. John Christy, Alabama State Climatologist

July was cool. To paraphrase the Tonight Show audience, how cool was it?

Pretty cool. We saw three legitimate cold fronts arrive from the north, setting several records for both daily low temperatures and for cool daytime highs. In Montgomery, where weather observations go back to 1872, the all-time July record low temperature set in 2009 was tied at 59° F on Wednesday, July 30.

Both Muscle Shoals and Hamilton, with substantially shorter weather records, saw their coolest high temperature records for the month of July broken, when each saw a day with the high temperature of only 71° F.

There were some noteworthy readings scattered about the state. Scottsboro set a daily record for July 14, when the temperature dropped to 49°. That broke the previous record for that day, 55°, which was set on July 14, 1897! When you break a record that stood for more than 110 years and you do it by six degrees, that's noteworthy.

Hamilton's climate record isn't as long, but the record-setting chilly high temperature on July 19 was also noteworthy. Not only was it Hamilton's coolest July high on record, it broke the record for July 19 by 14 degrees!

Huntsville and Tuscaloosa each saw their daily record low highs for July 18 broken by eleven degrees, as did Gainesville on July 19.

It will be a couple of days before our friends in the National Weather Service tally the statewide average temperature for July, but we won't be surprised if it turns out to be one of the coolest on record.

July temperatures like these fit into the state's 130-year cooling trend, although we can't use that trend to make accurate forecasts. Mother Nature can turn things around at any time and give us summer hot spells like those the old timers remember from the 1930s and early 1950s.

Speaking of past times, this August is the 75th anniversary of the wettest August in the state's official 119-year climate record. While Alabama averages 5.5" of rain in August, and the third wettest August on record (1942) saw only 6.87", the statewide average rainfall of August 1939 was 11.12".

As is so often the case in Alabama, that extraordinary rainfall was brought to us by a hurricane (back

in the day before someone gave every hurricane, depression and thunderstorm a name), which deteriorated into a tropical depression that lingered over the state for three days before moving on to cause flooding up the east coast to Virginia, Maryland, and New York.

While the official record seems to largely overlook any damage in Alabama, the storm drenched much of Alabama from the Florida line to Birmingham. The Red Cross estimated that between 4,500 and 5,000 people were forced out of their homes. Crop damage was estimated in the millions of dollars (multiply by 17 to get the current value).

Prattville seemed to be at the epicenter of flooding. An AP story from Aug. 16, 1939, said: "Flood waters, already inundating a wide swatch of this Central Alabama town, moved upward this afternoon as alarming high water conditions developed further downstream."

One person was killed when a locomotive he was driving hit a washout and rolled into deep floodwater.

A Coast Guard boat sent north from Mobile to lend aid in rescuing stranded refugees had to stop at Miller's Ferry because the Alabama River was so high there wasn't enough space between the water and a bridge for the boat to squeeze through.

Official rainfall records for the month show some pretty staggering amounts:

Geneva	23.73"
Centreville	18.65"
Clanton	18.22"
Montgomery	15.58"
Greenville	13.37"
Birmingham	11.45"
Auburn	9.34"

A story published on Sunday, Aug. 20, noted that the flooding on the Alabama River had splashed "within three feet of the record 1884 flood."

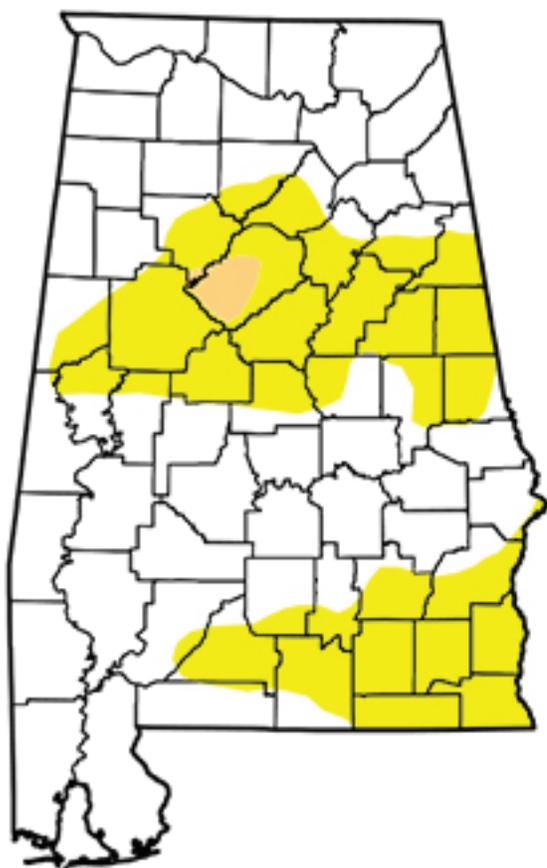
Other places outside the storm system saw less rain. Waterloo, in the northwest corner of the state, was the driest spot in the state with only 1.63" of rain for the entire month of August 1939.

August 1939 is especially worth noting because we are still in the hurricane season. Just because Aug. 23 will mark nine years since a major (Category 3 or stronger) hurricane hit the U.S. doesn't mean we shouldn't be prepared. Even an unremarkable storm like the hurricane of August 1939 can be a record breaker.

- John Christy

# U.S. Drought Monitor Alabama

**July 29, 2014**  
(Released Thursday, Jul. 31, 2014)  
Valid 8 a.m. EDT



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	67.19	32.81	0.95	0.00	0.00	0.00
<b>Last Week</b> 7/22/2014	81.05	18.95	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 4/29/2014	97.11	2.89	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 12/31/2013	97.35	2.65	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 10/1/2013	96.85	3.15	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 7/29/2013	100.00	0.00	0.00	0.00	0.00	0.00

*Intensity:*

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

**Author:**  
Brad Rippey  
U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>

# Alabama Monthly Climate Summaries

July 2014

	Station Began	July Mean July Norm	July Hi Temp Record Hi	July Low Temp Record Low	Total Precip. Normal Prec.	Wettest July Driest July	Heaviest Day Record Day		
Anniston	2/1903	77.8°	96°	7/27/14	54°	7/30/14	*0.57"	12.21" 1975	1.00" 7/30/14
		80.1°	105°	7/13/80	50°	7/15/67	4.49"	0.79" 1983	5.13" 7/7/75
Auburn	1/1893	76.7°	91°	7/14/14	57°	7/30/14	2.76"	15.73" 1916	1.09" 7/19/14
		79.9°	108°	7/11/30	52°	7/15/67	5.37"	1.39" 1914	7.00" 7/10/48
Birmingham	1/1930	78.7°	97°	7/27/14	57°	7/30/14	0.92"	10.07" 1985	0.49" 7/14-15/14
		80.2°	107°	7/29/30	51°	7/15/67	5.09"	0.30" 1983	5.47" 7/27/85
Brewton	4/1977	77.5°	93.2°	7/27/14	58.9°	7/31/14	6.43"	19.08" 1975	1.77" 7/25/14
		80.1°	106°	7/24/52	51°	7/15/67	7.04"	1.66" 2000	7.88" 7/31/75
Calera	9/1900	79.2°	94°	7/28/14	60°	7/30/14	3.06"	18.52" 1916	1.80" 7/23/14
		79.3°	105°	7/7/77	50°	7/15/67	5.36"	0.42" 1983	7.00" 7/7/1916
Clanton	2/1893	76.9°	92.8°	7/2/14	55.1°	7/30/14	3.27"	13.97" 1971	1.17" 7/2/14
		79.2°	108°+	7/26/52	53°	7/15/67	5.76"	1.29" 1995	7.14" 7/4/40
Courtland		74.9°	91.5°	7/14/14	55.3°	7/5/14	4.85"	M	2.20" 7/20/14
		M	M	M	M	M	M	M	
Cullman	7/1907	73.9°	90.6°	7/27/14	53.6°	7/30/14	2.24"	M	0.92" 7/18/14
		M	M	M	M	M	M	M	
Decatur	2/1880	75.4°	93°	7/27/14	54°	7/30/14	4.26"	10.89" 1958	2.03" 7/18-19/14
		80.5°	107°	7/12/1901	38°	7/8/34	4.22"	0.67" 1962	4.65" 7/16/50
Dothan	2/1902	80.7°	96°	7/9/14	62°	7/31/14	5.21"	12.73" 1948	1.98" 7/28/14
		81.3°	103°	7/24/52	57°	7/5/1902	5.86"	2.12" 1903	6.73" 7/9/48
Fairhope	8/1917	78.7°	92.3°	7/28/14	59.7°	7/31/14	5.83"	28.58" 1997	2.13" 7/19/14
		81.5°	101°	7/16/80	59°	7/16/67	8.00"	0.82" 1983	14.52" 7/20/97
Gadsden	7/1893	76.8°	95°	7/27/14	55°	7/30/14	5.41"	13.41" 1985	*4.96" 7/14/14
		79.8°	103°+	7/15/66	52°	7/11/63	4.47"	0.79" 1980	3.36" 7/9/58
Gainesville Lock	6/1948	77.0°	93.7°	7/27/14	57.4°	7/30/14	3.30"	8.11" 1992	1.20" 7/9/14
		80.8°	105°+	7/15/80	55°	7/15/67	2.91"	0.37" 1990	4.12" 8/10/70
Greensboro	2/1890	76.5°	93.3°	7/27/14	54.1°	7/30/14	3.54"	11.03" 1985	1.43" 7/24/14
		81.9°	107°+	7/16/80	56°	7/23/47	5.38"	1.19" 2000	3.90" 7/18/36
Highland Home	3/1892	77.4°	92.4°	7/27/14	60.4°	7/30/14	2.77"	10.79" 1994	1.11" 7/21/14
		79.6°	105°	7/15/80	54°	7/15/67	4.93"	1.19" 1978	3.15" 7/8/48
Huntsville	1/1959	77.5°	94°	7/12/14	56°	7/30/14	4.47"	14.81" 1967	1.70" 7/18-19/14
		79.5°	104°	7/14/66	53°	7/15/67	4.50"	0.79" 1983	4.81" 7/5/2001

# Alabama Monthly Climate Summaries

July 2014

	Station Began	July Mean July Norm	July Hi Temp Record Hi	July Low Temp Record Lo	Total Precip. Normal Prec.	Wettest July Driest July	Heaviest Day Record Day
Mobile	3/1900	79.8°	94° 7/28/14	63° 7/31/14	7.92"	13.14" 1982	4.07" 7/18-19/14
		81.5°	104° 7/25/52	62°+ 7/16/67	6.54"	1.72" 1983	4.21" 7/18/69
Montgomery	6/1948	81.1°	97° 7/27/14	59° 7/30/14	2.28"	9.99" 1988	2.08" 7/19/14
		81.8°	105°+ 7/25/52	60° 7/1/50	5.31"	1.69" 2000	3.84" 7/14/73
Muscle Shoals	12/1940	76.6°	96° 7/1/14	55° 7/30/14	5.02"	14.40" 1975	2.60" 7/8-9/14
		80.2°	106°+ 6/29/52	53°+ 6/7/72	4.52"	0.92" 1977	5.60" 7/28/72
Russellville	9/1953	72.9°	90.3° 7/14/14	51.4° 7/5/14	5.11"	10.82" 1994	2.41" 7/18/14
		78.0°	103° 7/18/80	45° 7/8/70	4.65"	1.27" 1978	3.10" 7/24/63
Scottsboro	10/1891	73.8°	91.2° 7/14/14	53.7° 7/30/14	5.56"	7.59" 1984	3.39" 7/21/14
		78.6°	109° 7/13/30	49°+ 7/10/63	4.53"	1.32" 1980	3.43" 7/22/41
Selma	1/1895	73.8°	91.2° 7/14/14	53.7° 7/30/14	5.56"	8.45" 1994	3.39" 7/21/14
		81.5°	107°+ 7/14/80	57° 7/15/67	4.28"	1.11" 2000	3.96" 7/7/94
Talladega	2/1888	77.2°	95.3° 7/27/14	54.2° 7/30/14	1.72"	9.11" 1985	0.82" 7/20/14
		78.2°	107°+ 7/17/80	51°+ 7/6/72	4.75"	1.40" 1991	3.05" 7/8/58
Thomasville	9/1891	77.0°	93.1° 7/2/14	57.1° 7/30/14	4.55"	15.91" 1988	1.36" 7/20/14
		81.4°	107° 7/13/30	56° 7/15/67	6.05"	0.69" 2000	5.52" 7/6/88
Troy	6/1908	79.5°	97° 7/27/14	58° 7/30/14	2.12"	15.59" 1994	0.87" 7/18/14
		80.5°	107° 7/7/36	56° 7/15/67	5.80"	1.66" 2000	4.55" 7/1/64
Tuscaloosa	6/1948	79.0°	97° 7/27/14	56° 7/30/14	0.92"	12.27" 1997	0.49" 7/14-15/14
		81.8°	107° 7/24/52	54° 7/1/50	5.00"	0.72" 1970	4.57" 7/21/97
Valley Head	1/1893	72.4°	89.2° 7/27/14	50.6° 7/30/14	2.74"	11.74" 1976	1.06" 7/22/14
		76.2°	105°+ 7/29/52	45° 7/15/67	5.18"	.94" 1987	4.52" 7/5/76
Statewide July 2014		77.20°	97° 4 stations	51.4° Russellville	3.81"	28.58" Fairhope	3.90" Brewton
July Norm		80.14°	109° Scottsboro	38° Decatur	5.20"	0.30" Birmingham	14.52" Clanton

M: Data is missing or not available

\*New Record

#This data is missing this month due to an instrument malfunction

^ This record differs from long-term data in the AOSC climate database:

[http://nsstc.uah.edu/alclimate/climate/daily\\_climate\\_and\\_normals.php](http://nsstc.uah.edu/alclimate/climate/daily_climate_and_normals.php)

## Community Collaborative Rain, Hail & Snow Network (CoCoRAHS)

July 2014

### Normal

### July

### Precipitation\*

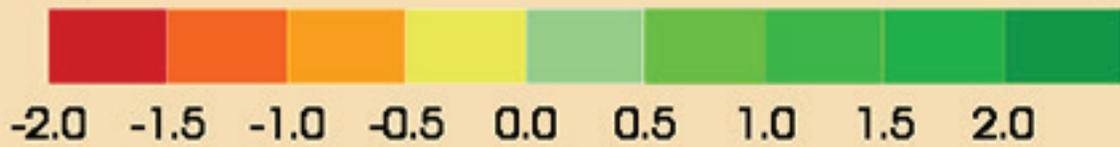
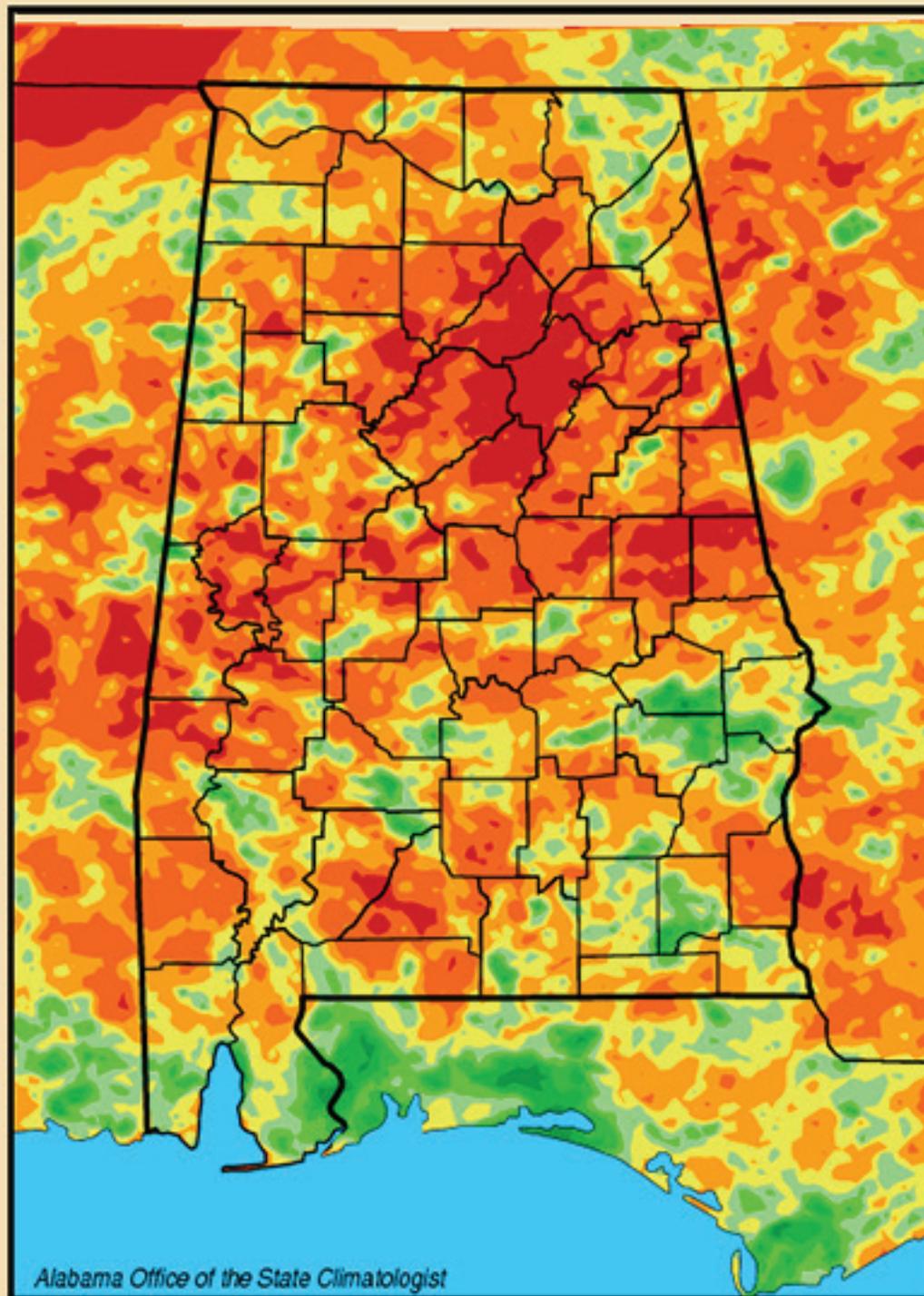
Abbeville .....	6.14"
Alberta .....	5.00"
Alex City .....	5.14"
Aliceville .....	4.55"
Andalusia .....	6.47"
Ashland .....	5.64"
Athens .....	4.30"
Bay Minette .....	8.08"
Bessemer .....	5.25"
Billingsley .....	5.33"
Centreville WSMO .....	5.15"
Chatom .....	6.21"
Claiborne L&D .....	5.39"
Clayton .....	5.91"
Dauphin Isl. ....	6.43"
Elba .....	6.45"
Eufaula WR .....	5.14"
Evergreen .....	6.41"
Fayette .....	4.77"
Geneva 2 .....	5.94"
Greenville .....	5.86"
Haleyville .....	4.94"
Hamilton 3S .....	4.67"
Heflin .....	4.82"
Hurtsboro .....	5.23"
Jasper .....	5.25"
Lafayette .....	5.52"
Livingston .....	5.76"
Melvin .....	5.94"
Milstead .....	5.19"
Moulton .....	4.47"
Oneonta .....	5.66"
Perryville .....	5.04"
Plantersville .....	5.18"
Rock Mills .....	5.12"
Rockford .....	5.82"
Sylacauga .....	5.13"
Union Springs .....	5.62"
Uniontown .....	5.11"
Vernon .....	5.29"
Warrior L&D .....	4.12"
Wetumpka .....	4.71"

	Ave. Total Precip.	# Stations
Autauga	3.50	3
Baldwin	6.72	24
Barbour	n.a.	0
Bibb	5.69	1
Blount	1.60	9
Bullock	n.a.	0
Butler	n.a.	0
Calhoun	3.26	2
Chambers	n.a.	0
Cherokee	3.66	1
Chilton	1.77	2
Choctaw	1.84	1
Clarke	2.49	3
Clay	n.a.	0
Cleburne	n.a.	0
Coffee	5.19	1
Colbert	5.69	7
Conecuh	n.a.	0
Coosa	2.95	2
Covington	n.a.	0
Crenshaw	n.a.	0
Cullman	2.05	4
Dale	5.16	2
Dallas	3.81	1
DeKalb	3.48	2
Elmore	3.96	7
Escambia	3.82	1
Etowah	5.86	1
Fayette	2.84	3
Franklin	n.a.	0
Geneva	n.a.	0
Greene	n.a.	0
Hale	n.a.	0
Henry	n.a.	0

	Ave. Total Precip.	# Stations
Houston	3.80	1
Jackson	5.61	7
Jefferson	1.92	13
Lamar	4.00	1
Lauderdale	6.31	11
Lawrence	5.16	2
Lee	2.76	4
Limestone	4.05	11
Lowndes	n.a.	0
Macon	n.a.	0
Madison	4.63	56
Marengo	n.a.	0
Marion	2.97	1
Marshall	3.17	11
Mobile	6.13	15
Monroe	2.68	2
Montgomery	3.65	3
Morgan	3.12	9
Perry	n.a.	0
Pickens	2.43	1
Pike	n.a.	0
Randolph	4.69	1
Russell	6.05	2
St. Clair	1.25	4
Shelby	1.76	22
Sumter	n.a.	0
Talladega	1.83	6
Tallapoosa	4.70	4
Tuscaloosa	2.07	4
Walker	n.a.	0
Washington	3.33	1
Wilcox	3.05	2
Winston	4.21	2

\*Southeast Regional Climate Center  
www.serrc.com

# Lawn-and-Garden Moisture Index for August 4, 2014



# Alabama Climate Report Climate Extremes

Wettest - Driest

Statewide Average Precipitation

[http://www.sercc.com/climateinfo/monthly\\_seasonal.html](http://www.sercc.com/climateinfo/monthly_seasonal.html)

Record begins in 1895

# Alabama Climate Report Climate Extremes

Hottest - Coldest

Statewide Average Temperature

[http://www.sercc.com/climateinfo/monthly\\_seasonal.html](http://www.sercc.com/climateinfo/monthly_seasonal.html)

Record begins in 1895

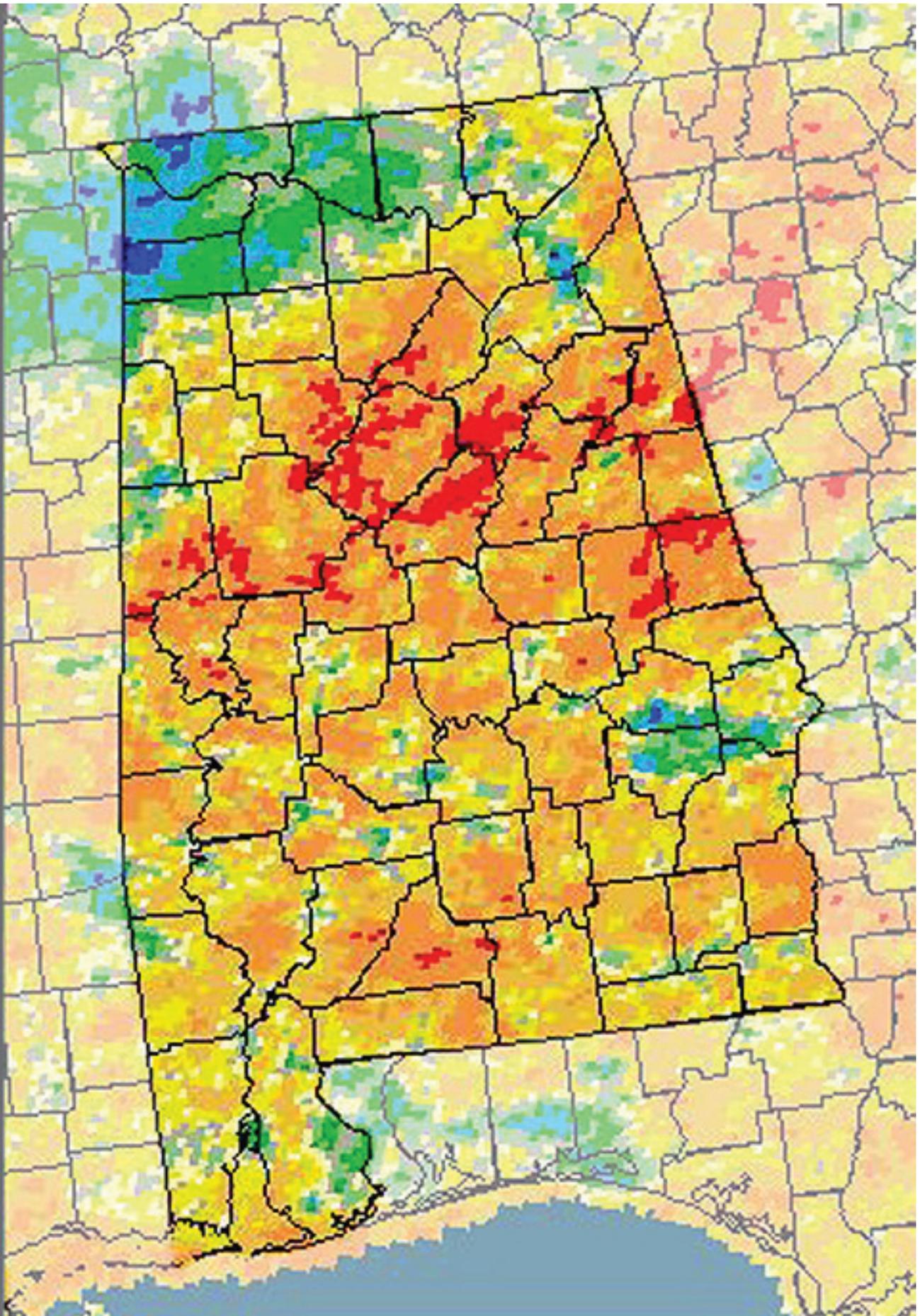
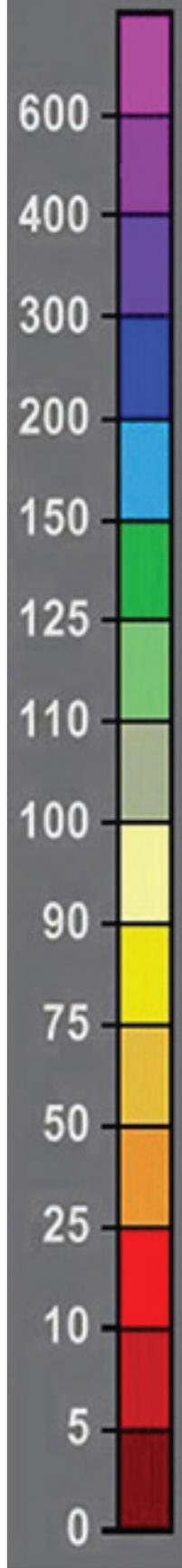
## Year to Date

Wettest	1.	1929	39.86"
	2.	1980	36.48"
	3.	1979	36.19"
	4.	1991	36.02"
	5.	1983	35.63"
	6.	1973	35.23"
	7.	1975	34.46"
	8.	1990	34.31"
	9.	1922	34.24"
	10.	1912	34.03"
	11.	1944	33.92"
	12.	1964	33.68"
January through May 2014	<b>33.</b>	<b>2014</b>	<b>28.03"</b>
	AVG		25.26"
	12.	1967	18.30"
	11.	1927	18.06"
	10.	2000	17.88"
	9.	1910	17.54"
	8.	1904	17.52"
	7.	1931	17.19"
	6.	1954	16.94"
	5.	1986	16.06"
	4.	1914	15.22"
	3.	1898	14.59"
2.	1941	13.75"	
Driest	1.	2007	13.18"

## Year-to-date

Hottest	1.	2012	61.04°
	2.	1927	60.34°
	3.	1911	59.60°
	4.	1938	59.46°
		1950	59.46°
	6.	1974	59.32°
	7.	1921	58.94°
	8.	1957	58.86°
	9.	1922	58.72°
	10.	1945	58.68°
		1990	58.68°
	12.	1925	58.64°
January through May 2014	AVG		56.34°
	12.	1979	54.06°
	<b>11.</b>	<b>2014</b>	<b>53.90°</b>
	10.	2010	53.86°
	9.	1971	53.72°
	8.	1895	53.58°
	7.	1924	53.48°
	6.	1968	53.44°
	5.	1983	53.42°
	4.	1960	53.22°
	3.	1958	52.58°
	2.	1940	51.94°
Coldest	1.	1978	51.90°

Percent



water.weather.gov

*July 2014 NWS percentage of normal precipitation*

# New Local Climate Records<sup>1</sup>

## July 2014

### Minimum Low Temperature, Daily

	New Record	Previous Year	Previous Record	Period of Record				
<b>5 July 2014</b>					<b>19 July 2014</b>			
ATMORE	63	1944	64	74	CLAYTON	61	2001	62 58
BELLE MINA	56	1968	57	64	<b>20 July 2014</b>			
BIRMINGHAM AIRPORT	58	1972	59	84	DAUPHIN ISLAND No. 2	71	2012	72 38
CODEN	62	1982	67	57	<b>25 July 2014</b>			
GENEVA NUMBER 2	61	1985	66	38	HAMILTON 3 S	57	2009	58 52
HAMILTON 3 S	51	1970	53	52	<b>28 July 2014</b>			
HUNTSVILLE INTL AIRPORT	57	1961	59	55	BESSEMER 3 WSW	63	2013	64 37
JACKSON	62	2000	66	30	MOULTON 2	60	2013	61 57
MOBILE DTN AIRPORT	66	1961	70	65	MUSCLE SHOALS AIRPORT	62	1990	63 73
MOBILE REG. AIRPORT	64	2000	69	66	WINFIELD 2 SW	59	1990	60 38
MONTGOMERY AIRPORT	64	1961	65	66	<b>29 July 2014</b>			
MOULTON 2	53	1961	55	57	ANNISTON AIRPORT	62	1994	63 111
TUSCALOOSA AIRPORT	60	1961	61	66	MOULTON 2	59	2004	60 57
<b>6 July 2014</b>					TUSCALOOSA AIRPORT	61	2004	65 66
GENEVA NUMBER 2	64	1985	65	38	<b>30 July 2014</b>			
JACKSON	62	2011	66	30	ALEXANDER CITY	56	1994	62 44
<b>14 July 2014</b>					BESSEMER 3 WSW	57	1994	58 37
SCOTTSBORO	49	1897	55	122	BREWTON 3 SSE	62	1994	64 88
<b>17 July 2014</b>					GAINESVILLE	58	1994	62 56
CLAYTON	61	2001	62	58	GREENSBORO	57	1994	64 122
ENTERPRISE 2 W	65	1987	67	48	GREENVILLE	57	1944	64 87
FAIRHOPE 2 NE	63	1967	64	96	HALEYVILLE	56	1981	59 111
MOULTON 2	56	1970	60	57	JASPER	55	1994	57 53
OPELIKA	57	1967	59	57	MOULTON 2	54	1965	56 57
SCOTTSBORO	55	1970	56	122	SAND MT SUBSTATION	53	1965	56 64
<b>18 July 2014</b>					SYLACAUGA 4 NE	53	1994	58 59
ALEXANDER CITY	61	2009	63	44	TALLADEGA	53	1983	59 120
BANKHEAD LOCK & DAM	60	1967	61	57	VERNON	55	1994	56 57
CLAYTON	61	2001	62	58	<b>31 July 2014</b>			
CODEN	63	1967	65	57	ALEXANDER CITY	60	1981	61 44
FAIRHOPE 2 NE	64	1967	66	96	BREWTON 3 SSE	59	1947	63 88
GENEVA NUMBER 2	62	1977	66	38	DEMOPOLIS LOCK & DAM	58	1965	63 62
HAMILTON 3 S	53	1976	54	52	ENTERPRISE 2 W	62	1984	65 48
JACKSON	60	2001	66	30	FAIRHOPE 2 NE	61	1994	67 96
					GAINESVILLE	58	1994	62 56
					GENEVA NUMBER 2	58	1984	64 38
					SCOTTSBORO	56	1969	57 122
					SYLACAUGA 4 NE	53	1993	55 59

### Coollest High Temperature, July

	New Record	Previous Date	Previous Record	Length of Record
<b>18 July 2014</b>				
MUSCLE SHOALS AIRPRT	71	1970-07-22	73	73
<b>19 July 2014</b>				
HAMILTON 3 S	71	1970-07-22	72	52

### Lowest Temperature, Month of July

	Period of Record	New Record	Previous Record	Previous Date
<b>7 January 2014</b>				
GENEVA NUMBER 2	58	2014	61	38-3

<sup>1</sup> <http://wf.ncdc.noaa.gov/extremes/records/>

# New Local Climate Records<sup>1</sup>

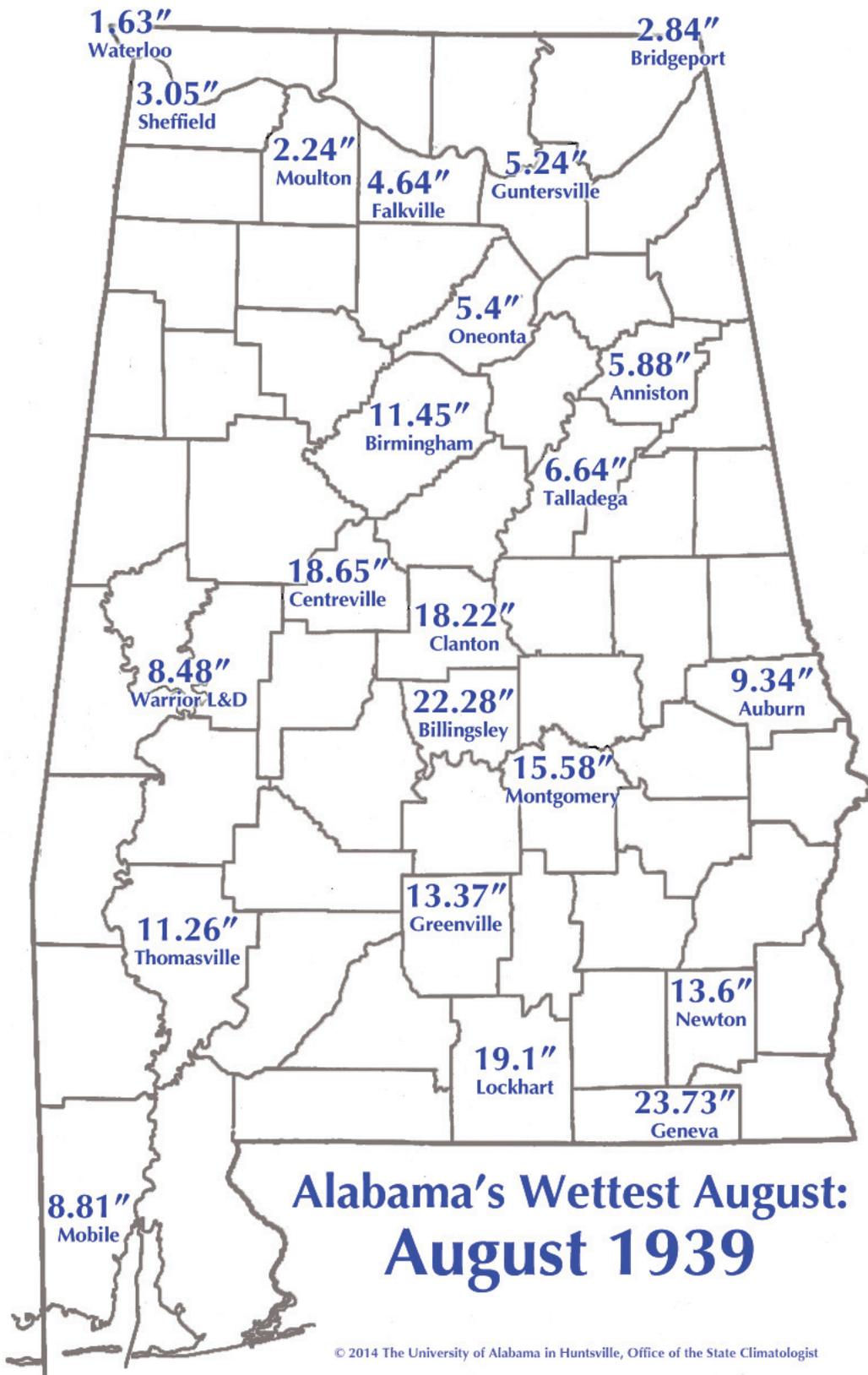
## July 2014

### Coollest High Temperature, Daily

### Precipitation, Daily

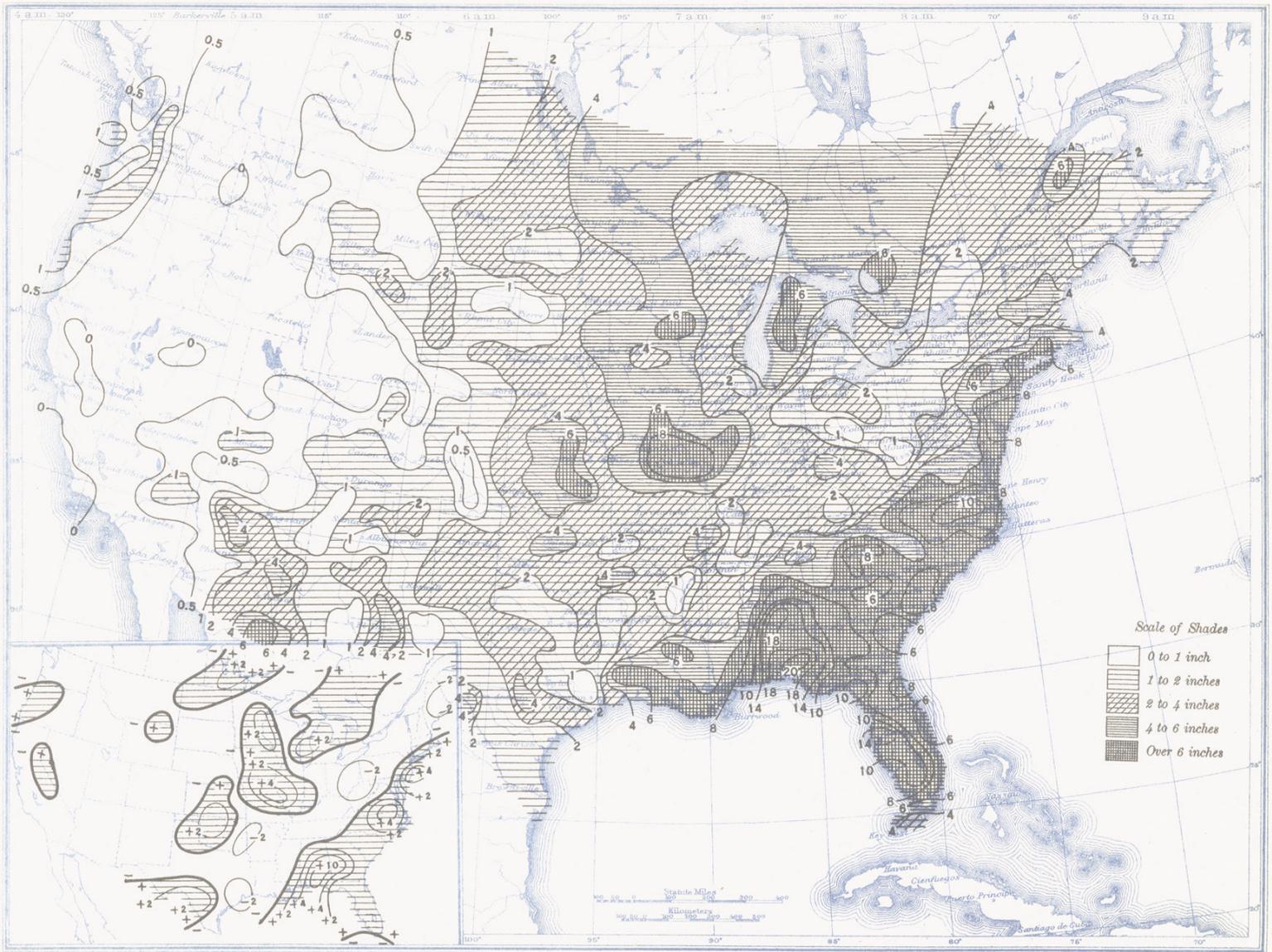
	New Record	Previous Date	Previous Record	Length of Record		New Record	Previous Year	Previous Record	Period of Record
<b>16 July 2014</b>					<b>3 July 2014</b>				
HALEYVILLE	78	1990	79	111	BILLINGSLEY	1.56	1968	1.51	75
<b>17 July 2014</b>					DEMOPOLIS L&D	1.63	1988	1.40	62
GUNTERSVILLE	80	2004	83	104	<b>8 July 2014</b>				
HALEYVILLE	77	1973	79	111	HUNTSVILLE AIRPORT	1.01	1982	0.75	55
MOULTON 2	78	1984	81	57	MUSCLE SHOALS APRT	2.12	1979	1.77	73
RUSSELLVILLE No. 2	78	1973	80	60	<b>9 July 2014</b>				
<b>18 July 2014</b>					BELLE MINA	1.37	1991	0.67	64
ANNISTON METRO AIRPRT	80	2009	82	111	MOULTON 2	2.54	1969	1.34	57
BANKHEAD LOCK & DAM	82	1990	83	57	TALLAPOOSA WTR PLT	1.60	1996	1.24	36
BELLE MINA	79	1991	83	64	<b>14 July 2014</b>				
BESSEMER 3 WSW	76	2012	78	37	CAHABA PUMP HOUSE	1.22	1992	1.10	32
BIRMINGHAM AIRPORT	76	1947	80	84	WALNUT GROVE	2.00	1948	0.81	73
HALEYVILLE	70	1990	78	111	<b>15 July 2014</b>				
HAMILTON 3 S	81	1994	84	52	HOLT LOCK & DAM	1.73	1994	0.85	33
HUNTSVILLE INT AIRPORT	70	2009	81	55	SAND MT SUBSTATION	1.90	1968	1.84	65
MONTGOMERY AIRPORT	83	1979	86	66	VERNON	1.74	1950	1.65	76
MOULTON 2	77	2007	83	57	WARRIOR LOCK & DAM	1.55	1998	1.25	56
MUSCLE SHOALS AIRPRT	71	2009	80	73	<b>16 July 2014</b>				
RUSSELLVILLE No. 2	78	1961	79	60	ENTERPRISE 2 W	2.93	2004	1.38	48
TUSCALOOSA AIRPORT	75	2012	86	66	<b>18 July 2014</b>				
<b>19 July 2014</b>					HUNTSVILLE AIRPORT	1.60	1963	0.84	55
ALEXANDER CITY	79	2009	84	44	<b>19 July 2014</b>				
BELLE MINA	71	2009	81	64	ADDISON	1.24	2012	0.87	76
CHATOM	78	1997	85	64	ATMORE	0.80	1993	0.78	74
GAINESVILLE	76	2004	87	56	BELLE MINA	2.19	2005	0.78	64
GREENSBORO	75	1923	77	122	HAMILTON 3 S	1.66	1968	1.18	52
GUNTERSVILLE	72	2009	80	104	MOULTON 2	2.45	1989	0.50	57
HAMILTON 3 S	71	2009	85	52	RUSSELLVILLE No. 2	1.95	2002	0.69	60
MOULTON 2	71	2009	79	57	<b>20 July 2014</b>				
MUSCLE SHOALS AIRPRT	78	2009	79	73	COFFEEVILLE L&D	1.31	2006	0.68	31
RUSSELLVILLE No. 2	74	2009	81	60	GENEVA NUMBER 2	1.25	1979	1.24	38
SCOTTSBORO	70	1910	76	122	<b>21 July 2014</b>				
SYLACAUGA 4 NE	79	2012	82	59	JONES BLUFF L&D	1.32	1989	0.37	33
VERNON	79	2009	86	57	<b>23 July 2014</b>				
<b>20 July 2014</b>					MILLERS FERRY L&D	1.69	1996	1.34	33
ENTERPRISE 2 W	80	1990	82	48	<b>25 July 2014</b>				
GAINESVILLE	81	1967	83	56	MELVIN	0.99	1960	0.94	74
HAMILTON 3 S	74	1989	82	52					
RUSSELLVILLE No. 2	77	1990	78	60					
<b>29 July 2014</b>									
HALEYVILLE	77	1951	79	111					
<b>30 July 2014</b>									
GUNTERSVILLE	79	2013	81	104					
HAMILTON 3 S	80	1972	81	52					
RUSSELLVILLE No. 2	78	1972	79	60					
SAND MT SUBSTATION	76	2005	79	64					
WINFIELD 2 SW	78	2007	82	38					

<sup>1</sup> This record differs from long-term data in the AOSC climate database:  
[http://nsstc.uah.edu/alclimate/climate/daily\\_climate\\_and\\_normals.php](http://nsstc.uah.edu/alclimate/climate/daily_climate_and_normals.php)



## Alabama's Wettest August: August 1939

Chart V. Total Precipitation, Inches, August 1939. (Inset) Departure of Precipitation from Normal



August 1939. M. W. R.

LXVII-92



A railroad bridge in Prattville destroyed by flooding, August 1939

ALA-40,0

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