



ARKANSAS CoCoRaHS



Summer, 2013

Arkansas Natural Resources Commission
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THE CO2 IN CO

You probably recognize the name “Nolen Doesken” as the National Director for CoCoRaHS. Recently, Nolen was interviewed by Julia Kumari Drapkin on “This American Life” on National Public Radio.

“Ms. Drapkin tells the story of Colorado’s State Climatologist, Nolan Doesken. Doesken has long believed that humans are driving climate change, but never connected it to his own life. Even after several years of some of the most devastating weather his state has ever seen, Nolan considered climate change a worry for the future. Then, last year, he watched as his state experienced some of the most extreme weather it ever has. For the first time, Nolan felt like he was looking at what the future would be like where he lives. He felt scared. Julia tells the story of how this has all changed Nolan, and changed what he’s saying to the people of his home state...”

Go to the following webpage to listen to Julia Drapkin’s interview with Nolen Doesken. <http://www.thisamericanlife.org/radio-archives/episode/495/hot-in-my-backyard?act=1>. Click on **Launch Player**.

TIP OF THE MONTH

I know this statement has been repeated numerous times. But “Zeros are important.” “Zero” is also the easiest number to record. Simply go to your “Daily Precipitation Report Form”, “Select Station” and hit “Submit Data”. For counties that have numerous observers, it should be interesting to see how rainfall from summer showers varies over a small distance.

And “zeros” are important components of the U.S. Drought Monitor.

QUARTERLY REPORTS

Over the past quarter, the number of volunteers reporting 91 or 92 days out of a maximum of 92 was 88. This means that a little more than 10% of those who are registered volunteers reported that many days during the Spring. In all, 379 volunteers reported on at least 1 day. Many used the multi-day accumulation or simply combined daily readings.

MONTHLY SUMMARIES

June Summary

During the month of July, 344 stations reported at least one day's precipitation. One hundred twenty four (124) reported 30 or 31 days. Two stations saw rainfall in excess of 7 inches. Stations with multi-day accumulations overlapping 2 or more months were not included in the monthly total. Stations exceeding 7 inches were AR-ST-4 Fox 1.6 N (7.75") in Stone County and AR-CM-4 Magnolia 1.0 SW (7.44") in Columbia County.

July Summary

During the month of June, 346 stations reported at least one day's precipitation. One hundred fifteen (115) reported 30 or 31 days. Four (4) stations saw rainfall in excess of 9 inches. Stations exceeding 9 inches were AR-BT-4 Pea Ridge 0.2 WSW (9.48") in Benton County, AR-PL-3 Mena 3.7 NE (9.45") in Polk County, AR-PK-8 Murfreesboro 5.8 NNE in Pike County, and AR-PK-1 Delight 0.3 NNW in Pike County.

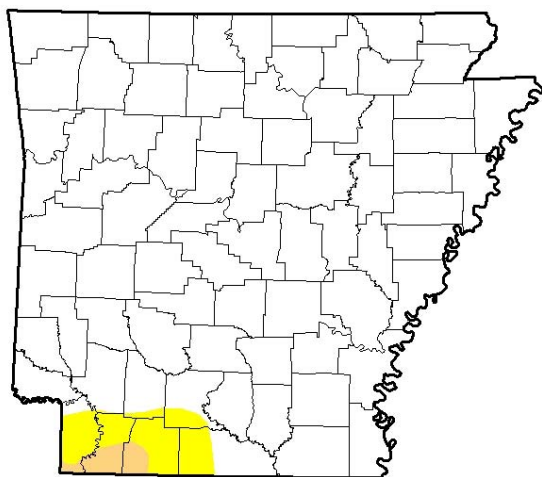
August Summary

During the month of June, 342 stations reported at least one day's precipitation. One hundred fifteen (117) reported 30 or 31 days. Five (5) stations saw rainfall in excess of 11 inches. Stations exceeding 11 inches were AR-BT-9 Garfield 3.9 E (12.29"), AR-BT-3 Bella Vista 2.0 E (11.82"), AR-BT-33 Bella Vista 1.0 ESE (11.44"), and AR-BT-4 Pea Ridge 0.2 WSW (11.37") in Benton County; and AR-ST-16 Mountain View 5.5W (11.29") in Stone County.

DROUGHT CONDITIONS

Drought conditions often worsened as the Summer advances. While this is true for 2013, drought conditions were very modest compared with 2012. August comparisons on the following pages demonstrate the

U.S. Drought Monitor Arkansas



June 18, 2013

(Released Thursday, Jun. 20, 2013)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	95.19	4.81	1.03	0.00	0.00	0.00
Last Week 6/11/2013	95.19	4.81	1.03	0.00	0.00	0.00
3 Months Ago 3/19/2013	39.87	60.13	26.49	5.49	0.00	0.00
Start of Calendar Year 1/1/2013	24.37	75.63	54.32	41.05	24.37	0.00
Start of Water Year 9/25/2012	0.11	99.89	91.37	73.93	41.99	8.74
One Year Ago 6/19/2012	0.29	99.71	94.54	83.48	0.21	0.00

Intensity

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

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

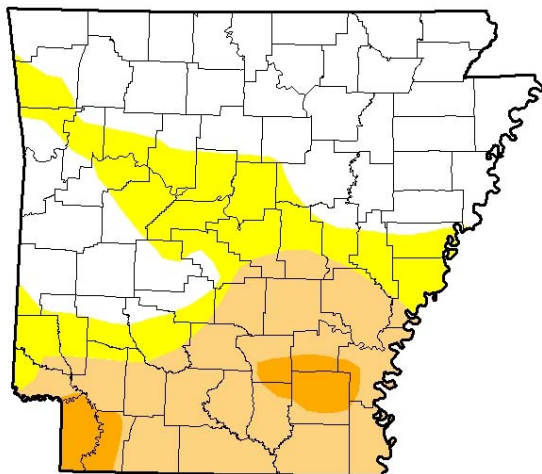
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<http://droughtmonitor.unl.edu/>

U.S. Drought Monitor Arkansas



August 20, 2013

(Released Thursday, Aug. 22, 2013)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	50.48	49.52	28.79	4.38	0.00	0.00
Last Week 8/13/2013	51.15	48.85	32.83	3.75	0.00	0.00
3 Months Ago 5/21/2013	74.76	25.24	2.83	0.00	0.00	0.00
Start of Calendar Year 1/1/2013	24.37	75.63	54.32	41.05	24.37	0.00
Start of Water Year 9/25/2012	0.11	99.89	91.37	73.93	41.99	8.74
One Year Ago 8/21/2012	0.00	100.00	99.79	96.55	74.38	45.30

Intensity

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

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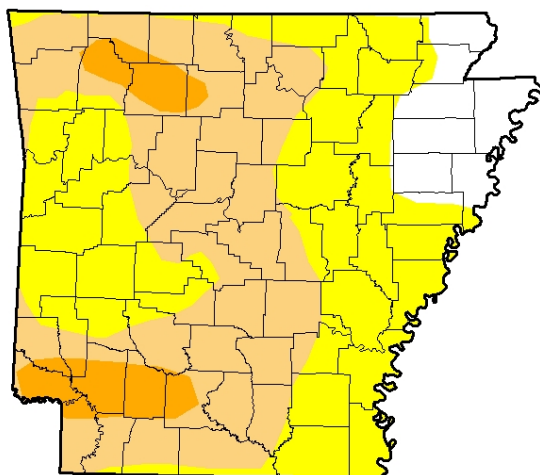
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<http://droughtmonitor.unl.edu/>

U.S. Drought Monitor Arkansas



July 16, 2013

(Released Thursday, Jul. 18, 2013)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	9.00	91.00	46.98	7.04	0.00	0.00
Last Week 7/9/2013	24.32	75.68	18.22	0.00	0.00	0.00
3 Months Ago 4/16/2013	63.21	36.79	12.08	0.00	0.00	0.00
Start of Calendar Year 1/1/2013	24.37	75.63	54.32	41.05	24.37	0.00
Start of Water Year 9/25/2012	0.11	99.89	91.37	73.93	41.99	8.74
One Year Ago 7/17/2012	0.00	100.00	99.66	96.12	64.92	10.81

Intensity:

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

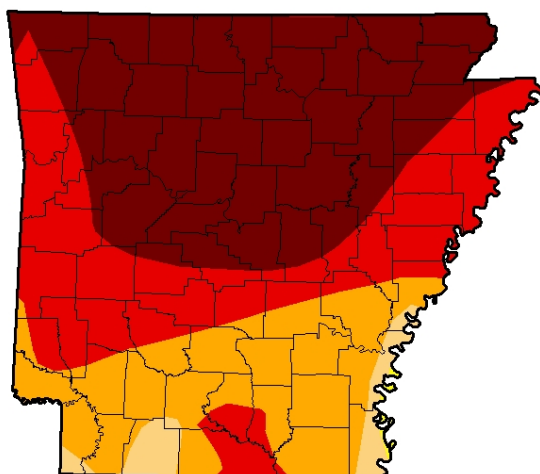
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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

U.S. Drought Monitor Arkansas



August 21, 2012

(Released Thursday, Aug. 23, 2012)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.79	96.55	74.38	45.30
Last Week 8/14/2012	0.00	100.00	99.79	96.79	80.93	53.60
3 Months Ago 5/22/2012	5.59	94.41	11.63	0.02	0.00	0.00
Start of Calendar Year 1/5/2012	86.20	13.80	3.95	1.06	0.23	0.00
Start of Water Year 9/27/2011	1.21	98.79	75.99	39.48	18.92	1.53
One Year Ago 8/23/2011	4.49	95.51	76.88	33.48	15.78	2.17

Intensity:

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

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