



ARKANSAS CoCoRaHS



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Arkansas Natural Resources Commission
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October Summary

During the month of October, the number of CoCoRaHS rain gauge stations exceeded 600. That's an average of eight (8) gauges per county, or approximately one (1) per 90 square miles. (See the map of CoCoRaHS stations on the next page.) The goal CoCoRaHS has set is one gauge per 15 square miles in rural areas and one per square mile in urban areas. Baxter County has the highest density of gauges, with one gauge per 20 square miles.

According to NOAA's Climate Prediction Center, October's rainfall throughout Arkansas was near normal, with the extreme northwest portion of the State experiencing below normal rainfall. While drought is abating, the U.S. Drought Monitor still shows a considerable amount of the State in severe to extreme drought. (See map of U.S. Drought Monitor on last page.)

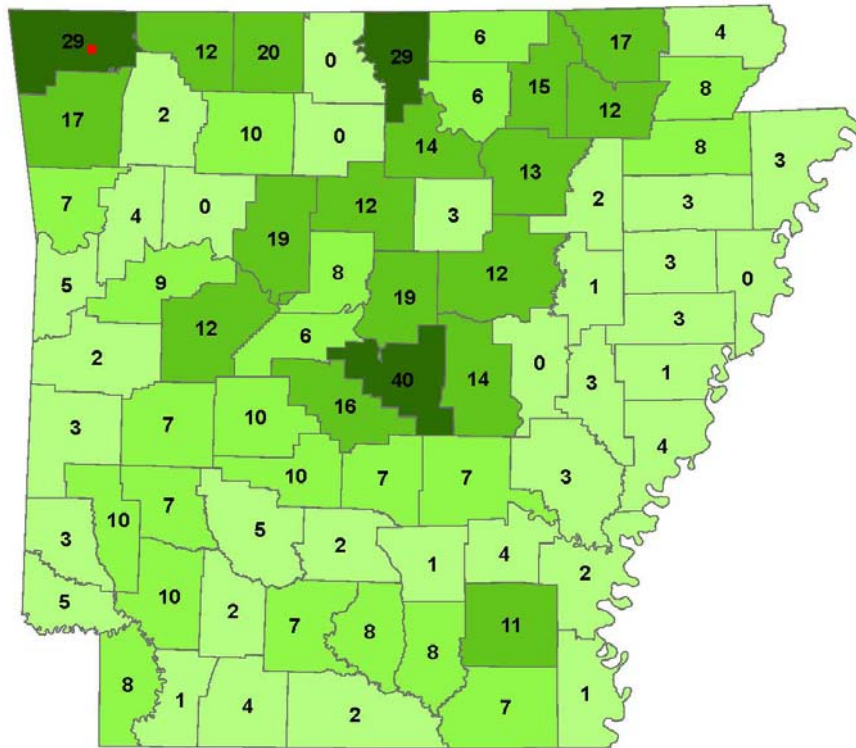
There were no 10 inch rainfall totals in Arkansas in October. Three (3) rain gauges recorded over 6 inches of rain. They were in Drew County DR-9 (6.66"), Chicot County CH-1 (6.40") Calhoun County CN-2 (6.06"). More than 16 stations recorded over 5 inches of rain.

Volunteer observers registered 29 to 31 daily records for over approximately 120 stations in October. Congratulations! Three hundred thirty one (331) stations reported at least one day during the month. With many stations coming on line during the past few months, that represents a large percentage of the current number of registered observers (613).

Training Webinar

We are preparing to offer training for CoCoRaHS volunteers after New Years, 2013. But more than training, a webinar will give all of us involved in the CoCoRaHS program a chance to exchange information and ideas to make our experiences more meaningful and enjoyable. If you have any ideas for a webinar topic, let me know.

Counties Participating in the National Flood Insurance Program As of 5/25/2011



Legend

Number of CoCoRaHS Stations

- 0 - 5
- 6 - 10
- 11 - 20
- 21 - 40

Multi-Day Accumulation

During October, volunteers used the Multi-Day Accumulation feature a total 186 times in CoCoRaHS to record rainfall when they were away for the weekend or on other occasions. It is understandable that there will be days when it is not possible to take a measurement and record the data. The Multi-Day Accumulation allows for the total amount of rainfall to be recorded, even if not always on a daily basis. Keep up the good reporting.

And always remember, **“ZEROS COUNT”**. Use the “Monthly Zeros” feature to fill in for days when there has been no rainfall.

U.S. Drought Monitor

Arkansas

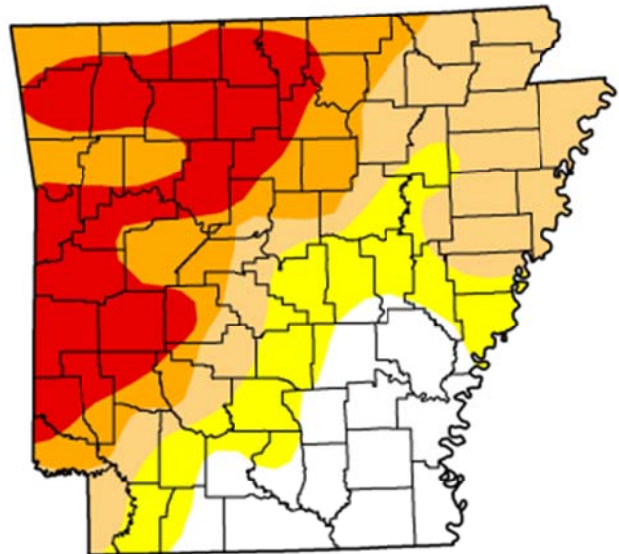
November 13, 2012
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|--------|-------|-------|-------|-------|
| Current | 18.28 | 81.72 | 65.79 | 42.23 | 23.27 | 0.00 |
| Last Week (11/06/2012 map) | 7.69 | 92.31 | 80.15 | 63.80 | 29.80 | 0.00 |
| 3 Months Ago (08/14/2012 map) | 0.00 | 100.00 | 99.79 | 96.79 | 80.93 | 53.60 |
| Start of Calendar Year (12/27/2011 map) | 86.20 | 13.80 | 3.95 | 1.06 | 0.23 | 0.00 |
| Start of Water Year (09/25/2012 map) | 0.11 | 99.89 | 91.37 | 73.93 | 41.99 | 8.74 |
| One Year Ago (11/08/2011 map) | 4.18 | 95.82 | 68.82 | 24.37 | 16.35 | 2.55 |

Intensity:

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



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

<http://droughtmonitor.unl.edu>



Released Thursday, November 15, 2012
David Miskus, Climate Prediction Center/NCEP/NWS/NOAA