



ARKANSAS CoCoRaHS



September 2012
Volume 1 Issue 4

Arkansas Natural Resources Commission
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August Summary

August showed significant improvement in rainfall over the previous months. Three (3) rain gauges recorded over 10 inches of rain in August. They were Grant County Station GT-5 (13.00"), Jefferson County JF-4 (10.73") and Arkansas County AR-1 (10.56"). Sixty-two (62) stations recorded over 5 inches of rain. The greatest concentration of rainfall occurred in the area represented by the above 3 stations, south-central/southeastern Arkansas.

Volunteer observers registered 30 to 31 daily records for over approximately 120 stations in August. Congratulations! Three hundred fifty three (353) stations reported at least one day during August. With many stations coming on line during the past few months, that represents a large percentage of the current number of registered observers (588).

There were 6 Drought Impact Reports which indicates that, despite August rains, large areas of the State are still mired in drought. The drought map on the following pages shows lingering drought conditions, especially in west and northwest portions of the State.

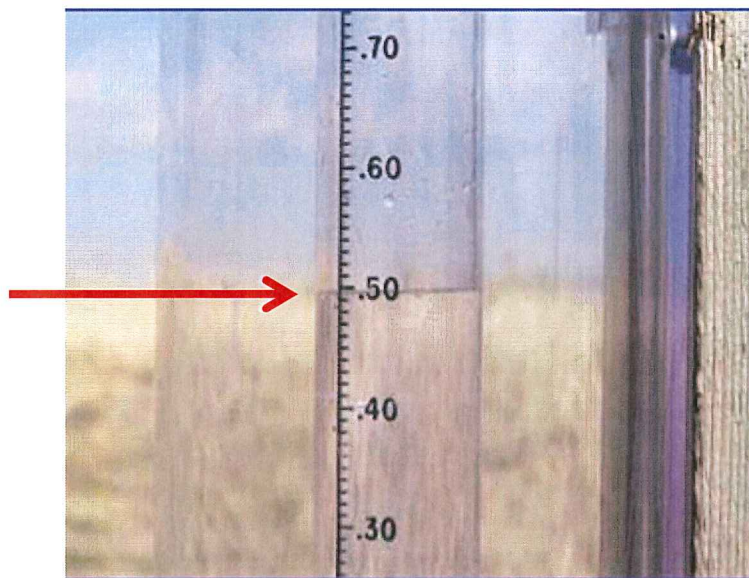
Accuracy/Quality Control

The CoCoRaHS program depends upon volunteers to do the best they can to measure and record rainfall. There is no rigorous quality control that would be expected of a National Weather Service weather station. Staff of the CoCoRaHS office do review data submitted online for what might be obvious errors, for example, rainfall amounts that do not agree with surrounding stations.

Still, it is up to you, the CoCoRaHS volunteer, to be responsible for your own measurements and recording. Review the online "Training Slide Shows" to make sure you are correctly measuring the rainfall in your gauge and recording it properly.

Remember, the inner cylinder in the official CoCoRaHS rain gauge contains 1 inch of rainfall. Each number represents a tenth of an inch, and each line represents a hundredth of an inch.

This is one half inch
and recorded as "0.50"



NOTE: If you are unable to take daily measurement, use the "Multi-Day Accumulation feature". Do not simply put the total for several days in a "Daily Precipitation" entry. This implies that all the precipitation occurred on that day.

Volunteer Contribution to the Newsletter

Share your experiences, successes, difficulties, photos, etc. with other CoCoRaHS volunteers. Email items you think would be of interest to other volunteers. What suggestions do you have to improve CoCoRaHS in Arkansas? Email to the following:

michael.borengasser@arkansas.gov.

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

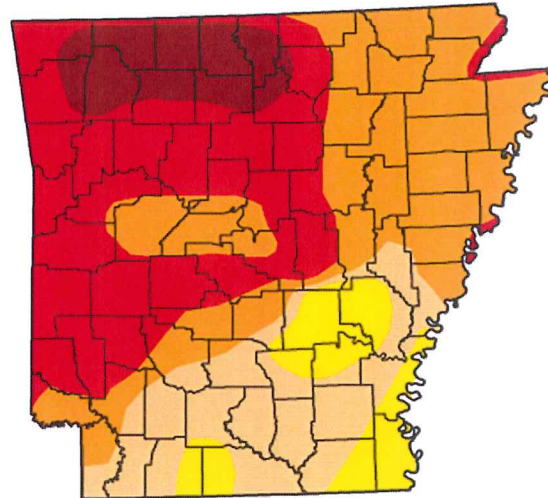
September 25, 2012

Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.11	99.89	91.37	73.93	41.99	8.74
Last Week (09/18/2012 map)	0.11	99.89	91.37	73.93	41.99	8.74
3 Months Ago (06/26/2012 map)	0.00	100.00	98.55	87.29	31.73	0.00
Start of Calendar Year (12/27/2011 map)	86.20	13.80	3.95	1.06	0.23	0.00
Start of Water Year (09/27/2011 map)	1.21	98.79	75.99	39.48	18.92	1.53
One Year Ago (09/20/2011 map)	2.18	97.82	76.51	32.02	15.82	1.53

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, September 27, 2012
Anthony Artusa, NOAA/NWS/NCEP/CPC

