



"Because every drop counts"

Southeast Louisiana CoCoRaHS Newsletter

2014 Water Year Summary

September saw a few frontal passages that provided some rainfall in the first half of the month. The second half was relatively dry statewide, with 4 days of no rainfall from the 24th through the 27th. The region also managed to get through peak of hurricane season unscathed. The end of September marked the close of the 2014 Water Year, which runs October 1 through September 30. A water year is established as a hydrologic standard to better emulate the water cycle. October is typically the onset of tree dormancy heading into winter. This corresponds to a point on the water cycle when water storage begins, as low sun angles limit evaporation, and tree dormancy minimizes evapotranspiration. The cold season rains (and in some locations, snow pack) become conserved in surface and subsurface storage. These accumulations or conservations are then available for consumption and depletion in the warmer months due to increased evaporation and plant evapotranspiration. The back page is a summary of your rainfall totals for Water Year 2014. An areal averaged normal year around these parts is around 58 inches per year.

SEPTEMBER STATISTICS

Wettest/Driest/Hail/Reporting

- ◆ Wettest Month, State & Local—10.74” on a perfect 30 reports at Donaldsonville 4 SW (LA-AP-2)
- ◆ Wettest Day, State & Local — 4.02” on the 17th also at Donaldsonville 4 SW (LA-AP-2)
- ◆ Number of Rain Days—22 with at least 0.01” average on a given day in the state.
- ◆ Driest Month, State — 0.67” on a perfect 30 reports at Ruston 5.5 NW (LA-LN-3)
- ◆ Driest Month, Local— 0.87” on a perfect 30 reports at Baton Rouge 4.3 S (LA-EB-41)
- ◆ Hail Reports: None.
- ◆ Snow Reports: None.
- ◆ Stations Reporting: 97; Number of Reports: 2168; Average per day: 72.3
- ◆ Busiest Reporting Day: 3rd, average: 0.60”, max amount: 3.25”, number of reports: 84
- ◆ Wettest Reporting Day: 17th, average 0.37”, max amount 4.02”, number of reports: 74
- ◆ Number of perfect 30 report observers: 38 stations statewide (39.2% of reporting stations)

Comment of the Month - From Denham Springs 4.1 NE (LA-LV-4) on September 23 , 2014.

“Welcome Autumn....60 degrees this morning and only 78% humidity!!!”

It was a welcoming sight to see cooler mornings pretty much right on time for the start of autumn. This was one of 125 comments submitted from Louisiana observers in September.

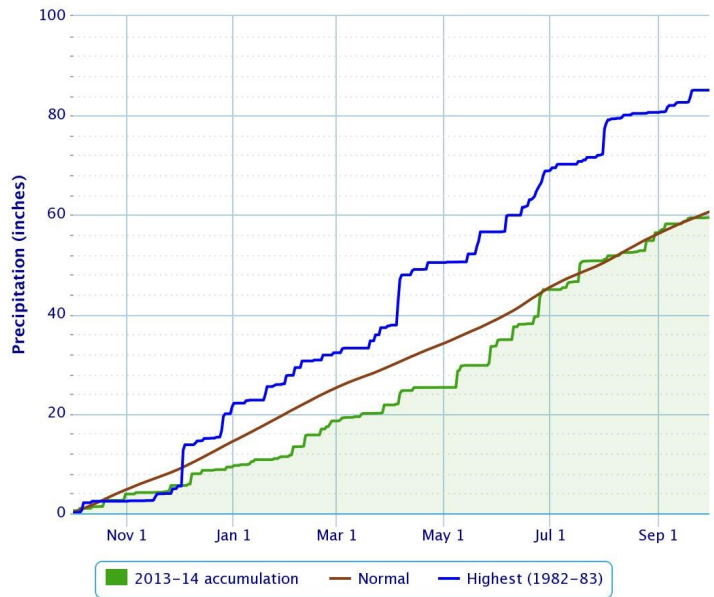
Data for October 1, 2013 through September 30, 2014

This is a summary of each CoCoRaHS observer's accumulated rainfall for Water Year 2014 in Southeast Louisiana. The column on the left is essentially the stations that reported above normal totals for the year, while the right column are either below normal, or under-reported locations.

ABITA SPRINGS 1.9 NE	77.69	MANDEVILLE 3.1 NNW	56.98
BATON ROUGE 5.3 S	72.28	GONZALES 1.9 NE	56.22
SLIDELL 2.2 NE	72.01	ZACHARY 3.5 WNW	54.9
GRAMERCY 0.4 NW	71.63	MARRERO 1.9 E	54.82
BATON ROUGE 2.7 SW	70.14	VILLAGE ST. GEORGE 3.2 S	54.79
LSU	69.82	MONTICELLO 3.0 ENE	54.17
BATON ROUGE 2.5 E	69.23	TICKFAW 2.0 SSW	51.77
GONZALES 4.0 S	67.98	NEW ROADS 2.7 ESE	48.95
SLIDELL 0.2 SE	67.88	BROWNFIELDS 5.8 NE	47.65
BATON ROUGE 1.4 WSW	67.76	MADISONVILLE 3.2 NNW	41.29
LACOMBE 1.4 N	67.32	DENHAM SPRINGS 6.8 N	40.96
PORT VINCENT 4.4 W	66.35	HAMMOND 4.5 SSW	40.23
ABITA SPRINGS 2.2 SSW	66.25	NEW ORLEANS 3.6 SW	38.24
BATON ROUGE 4.3 S	65.86	FRENCH SETTLEMENT 3.0 SSW	32.42
COVINGTON 4.0 NNE	64.12	WATSON 1.1 S	24.1
ZACHARY 0.9 WSW	62.32	PRAIRIEVILLE 1.8 NW	21.48
DENHAM SPRINGS 4.1 NE	61.94	DARROW 4.3 E	15.71
CENTRAL 2.2 SE	61.73	GARDERE 1.2 ENE	14.94
HAMMOND 2.3 WSW	61.42	WAKEFIELD 0.9 WNW	13.05
INNISWOLD 2.8 S	61.27	SHENANDOAH 2.1 W	5.15
BATON ROUGE 3.5 E	61.25	CLINTON 1.4 S	1.64
SHENANDOAH 1.5 E	61.15	RIVER RIDGE 0.7 N	0.77
BROWNFIELDS 4.0 E	60.78	PONCHATOULA 4 SE	0.14
GRAY 0.5 ENE	59.4		
FRANKLINTON 0.4 ENE	59.1		
GONZALES 4.5 S	58.73		
ADDIS 1.7 N	58.35		

Accumulated Precipitation - BATON ROUGE RYAN AP, LA

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



Baton Rouge Airport Water Year 2014 precipitation (green trace), compared to normal (brown) and maximum year (blue trace 1982-83)

Keep those DAILY rainfall reports coming!