"Because every drop counts"

Community Collaborative Rainfall, Hail, and Snow Network

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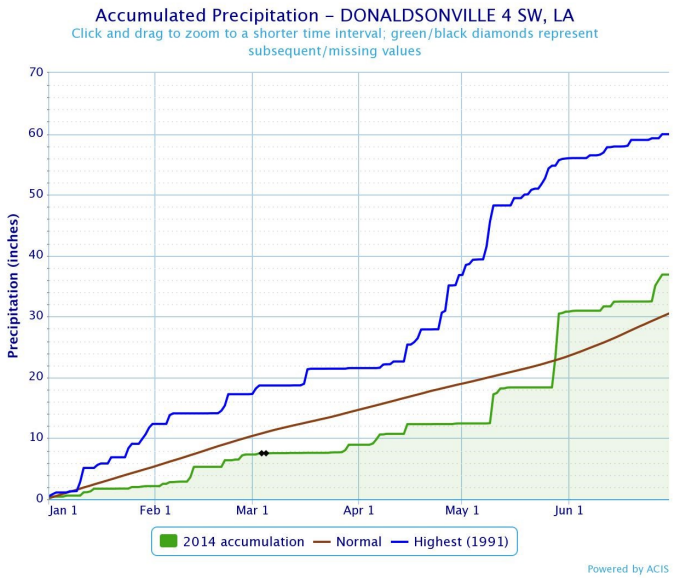
Southeast Louisiana CoCoRaHS Newsletter

Mid-Year Stats: A wet first half of 2014

It is hard to believe, but we are now more than half way through 2014 already. It has been pretty wet so far with nearly all locations in Southeast and East-central Louisiana measuring surpluses. Over the first six months, CoCoRaHS observers across Louisiana have logged 13630 reports from 112 stations over 181 days. This is a daily reporting average of 75.3 reports per day. The wettest location in the Bayou State was **Gramercy 0.4 NW (LA-SJ-2)** with a total of 51.38 inches over 156 reporting days. This represents about 153 percent of normal for the 6 month period. In all, 24 CoCoRaHS locations measured in excess of 40 inches since January 1st, all in Southeast Louisiana. All these stations averaged more than 125 percent of normal rainfall. Incidentally, an average 6 month rainfall is between 31 and 34 inches across Southeast Louisiana. The graph shows a sampling from **Donaldsonville, LA** with 2014 rainfall (green trace) against normal accumulation (brown trace). The blue trace is the wettest year on record (1991). The areal departures from normal for June are depicted in the image below, where the greens through violets represent above normal rainfall. Some locations between Baton Rouge and Lafayette are 4 to 8 inches above normal for the month of June 2014. In June, 22 CoCoRaHS locations measured over 10 inches for the month.

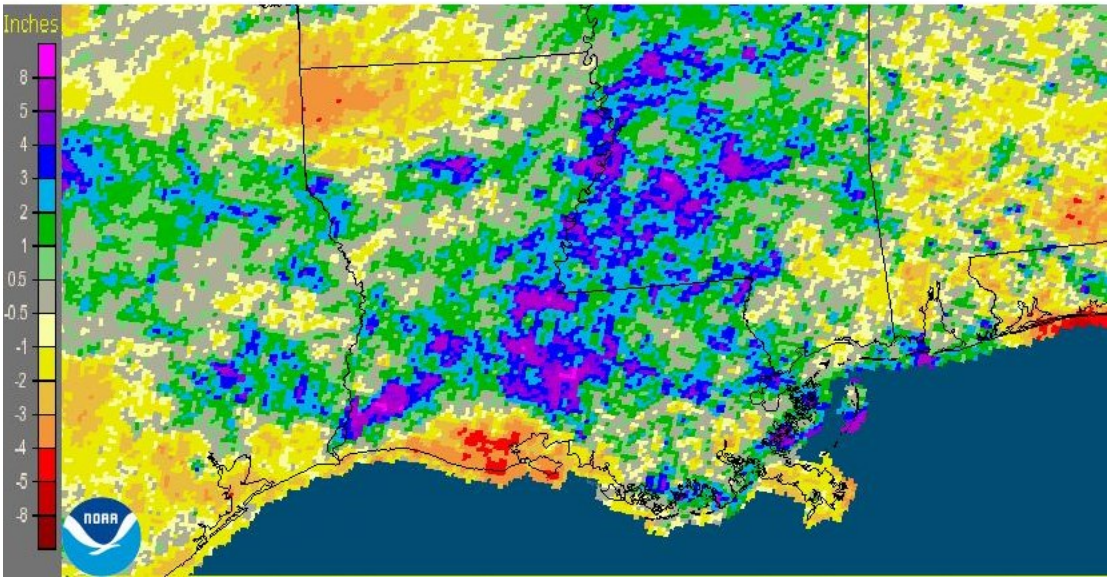


Comment of the Month - From Port Vincent 4.4 W (LA-AS-2) on June 30, 2014.

"RAINFALL MTD 11.59 INCHES YTD 43.19 INCHES"

This is a nice running summary for a station and exemplifies how wet a year it has been so far. This is one of 148 comments submitted statewide in June.

Louisiana: June, 2014 Monthly Departure from Normal Precipitation
Valid at 7/1/2014 1200 UTC- Created 7/3/14 23:56 UTC



JUNE STATISTICS

Wettest/Driest/Hail/Reporting

- Wettest Month, State—15.23" on 25 reports at Lake Charles 1.5 NNW (LA-CC-15)
- Wettest Month, Local - 14.98" on 17 reports at French Settlement 3.0 SSW (LA-LV-5)
- Wettest Day, State—6.05" on the 28th at Iowa 0.9 ESE (LA-CC-3)
- Wettest Day, Local – 5.00" on the 11th at Addis 1.7 N (LA-WB-2)
- Number of Rain Days—27 with at least 0.01" average on a given day in the state.
- Driest Month, State — 1.86" on a perfect 30 reports at Ruston 5.5 NNW (LA-LN-3)
- Driest Month, Local— 3.59" on 22 reports at Brownfields 5.8 NE (LA-EB-9)
- Hail Reports: None.
- Snow Reports: None.
- Stations Reporting: 101; Number of Reports: 2254; Average per day: 75.1
- Busiest Reporting Day: 10th, average: 0.97", max amount: 4.66", number of reports: 82
- Wettest Reporting Day: 11th, average 1.53", max amount 5.00", number of reports 78
- Number of perfect 30 report observers: 37 stations statewide (37 percent); 19 locally

A new member in the Baton Rouge area

Louisiana CoCoRaHS added a new member in June when LA-EB-53 joined.
Welcome Baton Rouge 3.0 SSE!

The tropics have begun in the Atlantic Basin

On July 1st, a disturbance off the Florida Space Coast assumed tropical characteristics and was dubbed Arthur, the first tropical storm of the 2014 season. Arthur's proximity to the very warm Gulf Stream and in a favorable low wind environment off the eastern seaboard allowed for intensification to a Category 2 hurricane on the Saffir-Simpson Hurricane Wind Scale. Arthur moved ashore in the tidewater areas of North Carolina, putting a damper on the Fourth of July holiday weekend for the Outer Banks. The season is young, and Arthur's formation is about 10 days or so ahead of schedule for the normal first named storm. This storm did serve a purpose in reminding folks along the coast that it does not take long to get a disturbance to mature into a hurricane with the right conditions.

Keep those DAILY rainfall reports coming!