



"Because every drop counts"

South Mississippi CoCoRaHS Newsletter

A few rainy days in April—three hail reports also made

Less than half of the days in April recorded measurable rainfall across the Magnolia State. A distinct moisture gradient was noted with drier conditions in the north half of the state, trending to relatively wetter conditions closer to the coast. No widespread heavy rain events took place, though a localized area of thunderstorms in Hancock County provided a streak of 2-3 inches of rainfall as reported on the 17th. Three hail days were reported across the state. On the 3rd, unknown sized hail was reported near Madison, MS; marble to penny sized hail was reported on the 6th at Ecru 2.5 E in Pontotoc County; and Waveland 1.1 NW reported 3/8" - 1/2" hail in Hancock Co.

Comment of the Month - From Kiln 6.6 N (LA-HC-13) on April 18, 2012

"At 12:00 noon accumulation was 0.01 in. Rain ended sometime before 1:00 pm at which time accumulation was 0.04 in. At 3:00 pm accumulation was 0.67 in. At 4:00 pm accumulation exceeded 1.00 in. Temperature at time of observation was 63 degrees Fahrenheit. Skies were overcast. No condensation on the gauge. The past 24 hours accumulation rockets April 2012 into fourth place in my top ten wettest months."

And this was from a localized thunderstorm, with much lesser amounts nearby.

April Statistics

- **Wettest Month**
State & Local:
MS-HC-7 Diamondhead
1.4 NNW 9.71" on 21 reports
- **Number of Rain Days: 13**
- **Wettest Day State & Local:**
MS-HR-2 Diamondhead
0.6 WNW
3.88" on the 17th
- **Driest Month Local:**
MS-AM-1 Liberty 6.4 ENE
2.03" on perfect 30 reports
- **Hail Days: 3**
(see text above)

Hurricane Season Soon

We are only a few weeks away from the start of the Atlantic Basin tropical cyclone season. Hopefully, our area may be spared, but it is always wise to prepare for possible impacts prior to the season starting full swing.

Reporting Statistics (April)

- **Stations reporting: 151**
- **Number of reports: 3488**
- **Average daily reporting: 116.3**

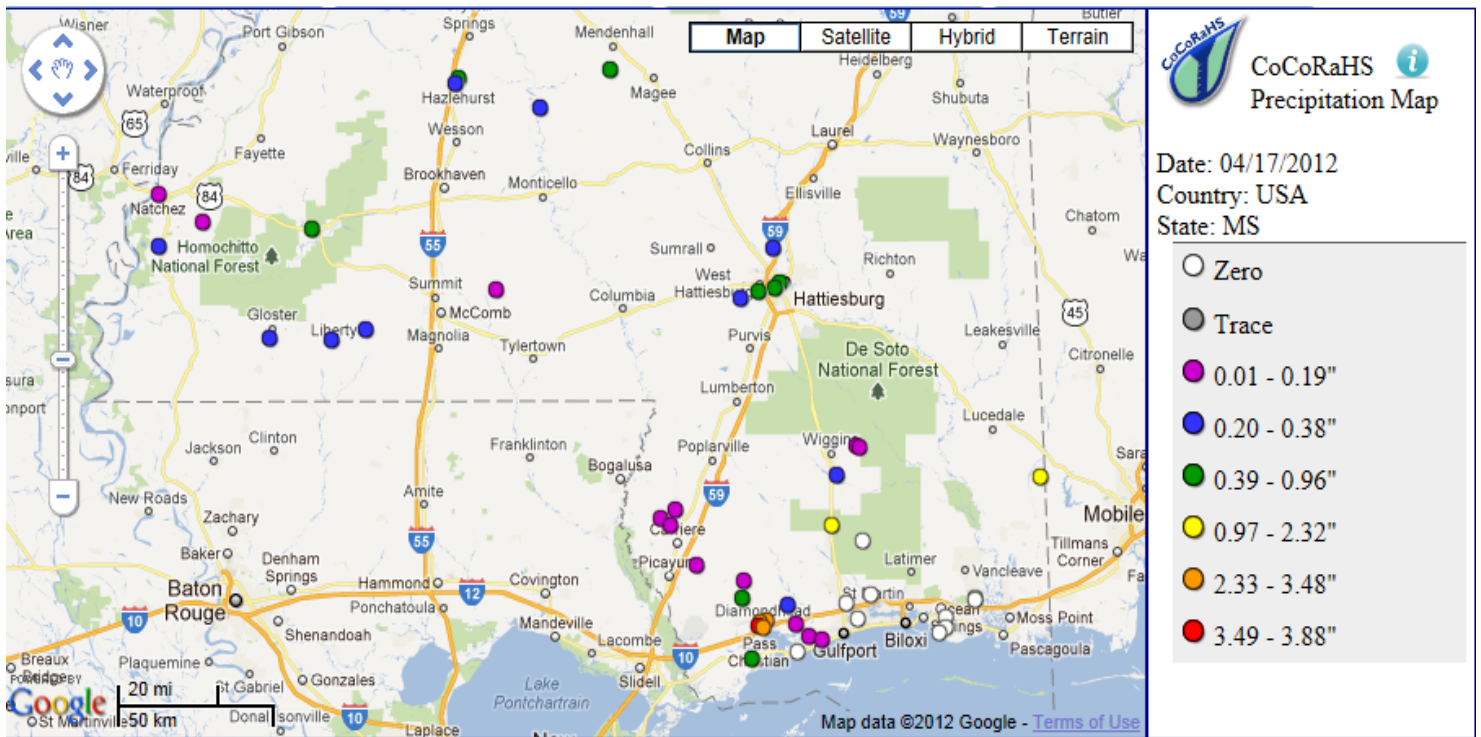
Busiest Reporting Day

- **Date: April 4th**
- **Number of Reports: 132**
- **Average reported rainfall: 0.87"**
- **Max amount: 3.20"**

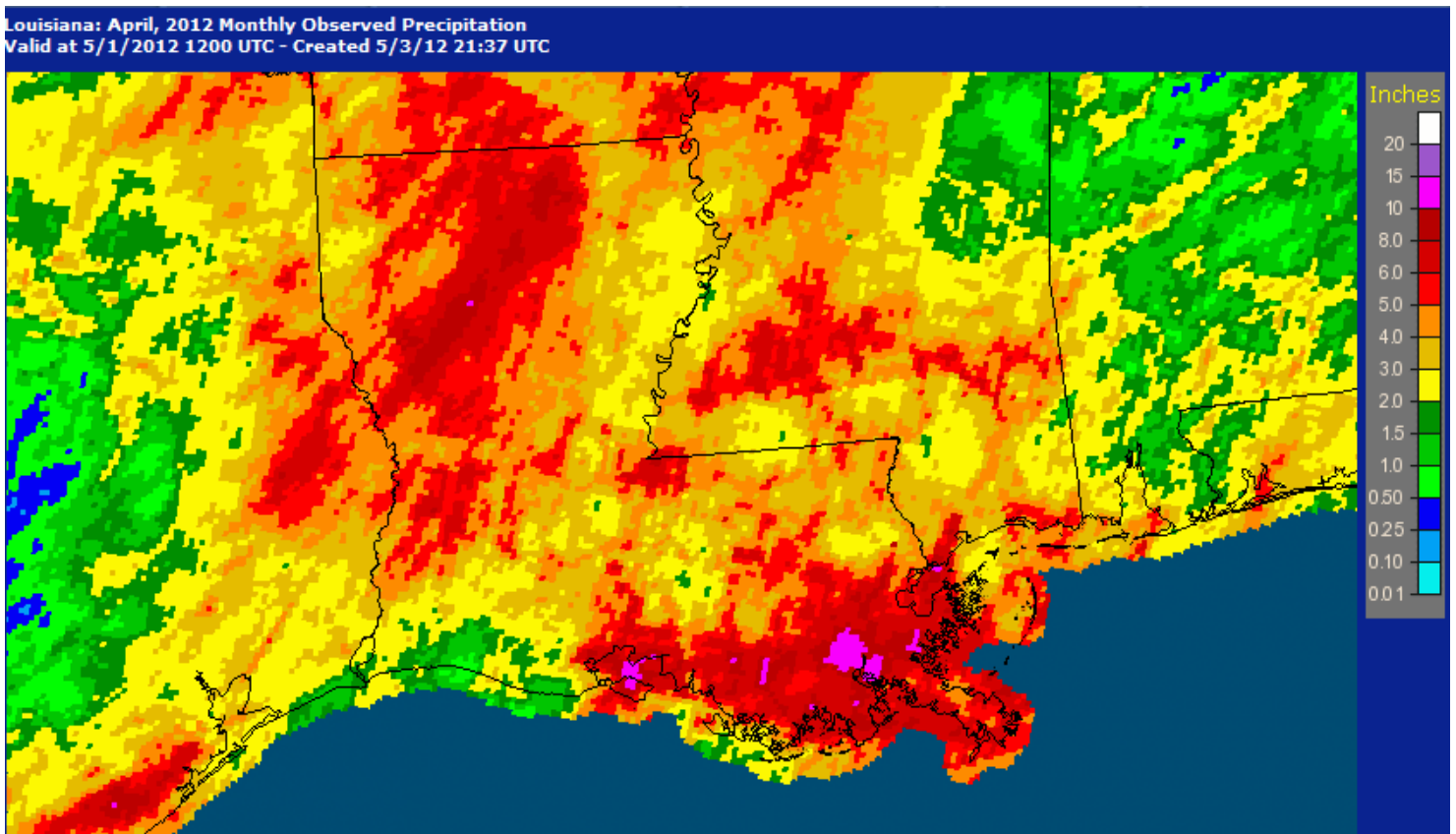
Wettest Reporting Day

- **Date: April 18th**
- **Number of Reports: 125**
- **Average reported rainfall: 1.13"**
- **Max amount: 3.20"**

Keep those rainfall and hail reports coming!



New CoCoRaHS mapping capability using Google Maps ©2012. The colored circles depict the rainfall totals recorded on the morning of April 17th, which shows a large variation in rainfall amounts over coastal Mississippi. Eastern Hancock County had a streak of 2-3 inches of rainfall while other places nearby measured less than 0.10 inch. The maximum amount this day was at MS-HC-2 Diamondhead 0.6 WNW with 3.88 inches.



The monthly accumulated rainfall for April 2012 as compiled by the National Weather Service Lower Mississippi River Forecast Center. Note the streak of red over Hancock County, due in large part from rains of April 17th. The lower southwest counties were relatively dry with those counties averaging 2-4 inches for the month. One can see the considerable rainfall deficit to locations east, with a large part of Alabama receiving less than 2 inches for April.