



Southeast Louisiana CoCoRaHS Newsletter

"Because every drop counts"

Big Rains Strike on the 22nd

A slow moving weather system from the west became involved with a gulf breeze to establish an area of persistent heavy rains across southeast Louisiana and the coastal counties of Mississippi. The largest reported amounts came from Houma 3.7 NNW with 7.30 inches measured on the morning of the 23rd. This rain event produced between 4 and 9.57 inches of rainfall in a 24 hour period. The second page of this report features a map of the rainfall as depicted by the CoCoRaHS network. The image at the bottom of page two is the total rainfall for the month of March from the National Weather Service River Forecast Center in Slidell, LA.

Comment of the Month - From Meraux 0.9 WNW (LA-SB-1) on March 23, 2012

"Parts of backyard covered in water, large swimming pool overflowed! Most of the rain came between 4AM and 7AM."

This pretty much painted a picture for the entire area after being rained upon for two days across the mid-Gulf states.

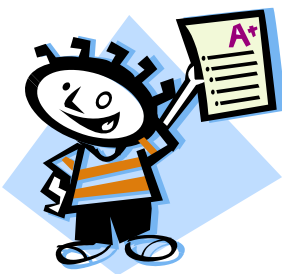
March Statistics

- **Wettest Month State**
LA-NT-2 Natchitoches 00.9 NE
17.20" on perfect 31 reports
- **Wettest Month Local**
LA-ST-6 V Slidell 2.2 NE
10.33" on 29 reports
- **Number of Rain Days: 17**
- **Wettest Day State:**
LA-SL-1 Grand Coteau 2.7 E
11.32" on the 13th
- **Wettest Day Local:**
LA-TR-6 Houma 3.7 NNW
7.30" on the 23rd
- **Driest Month Local**
LA-AS-2 Port Vincent 4.4 W
4.55" on 27 reports
- **Hail Days: 1**
1/2" hail on 3/2 at 12:43 pm
LA-WR-4 Minden 2.2 NE
Ping pong ball to tennis ball hail on
3/2 at 5:30 pm
LA-FP-3 Winnsboro 5.3 NNE

Perfect Reporting

Upon reviewing the monthly data in compiling this report, I noticed what appeared to be a pretty high number of 31 reports for the month. It turns out that 40 out of 109 observers statewide recorded perfect attendance for March. This is 37 percent of all reporting stations. Several more reported 29-30 days. This is much appreciated as it adds considerable value to the information when used for research and studies.

A BIG WAY TO GO!!!



Reporting Statistics (March)

- **Stations reporting: 109**
- **Number of reports: 2431**
- **Average daily reporting: 78.4**

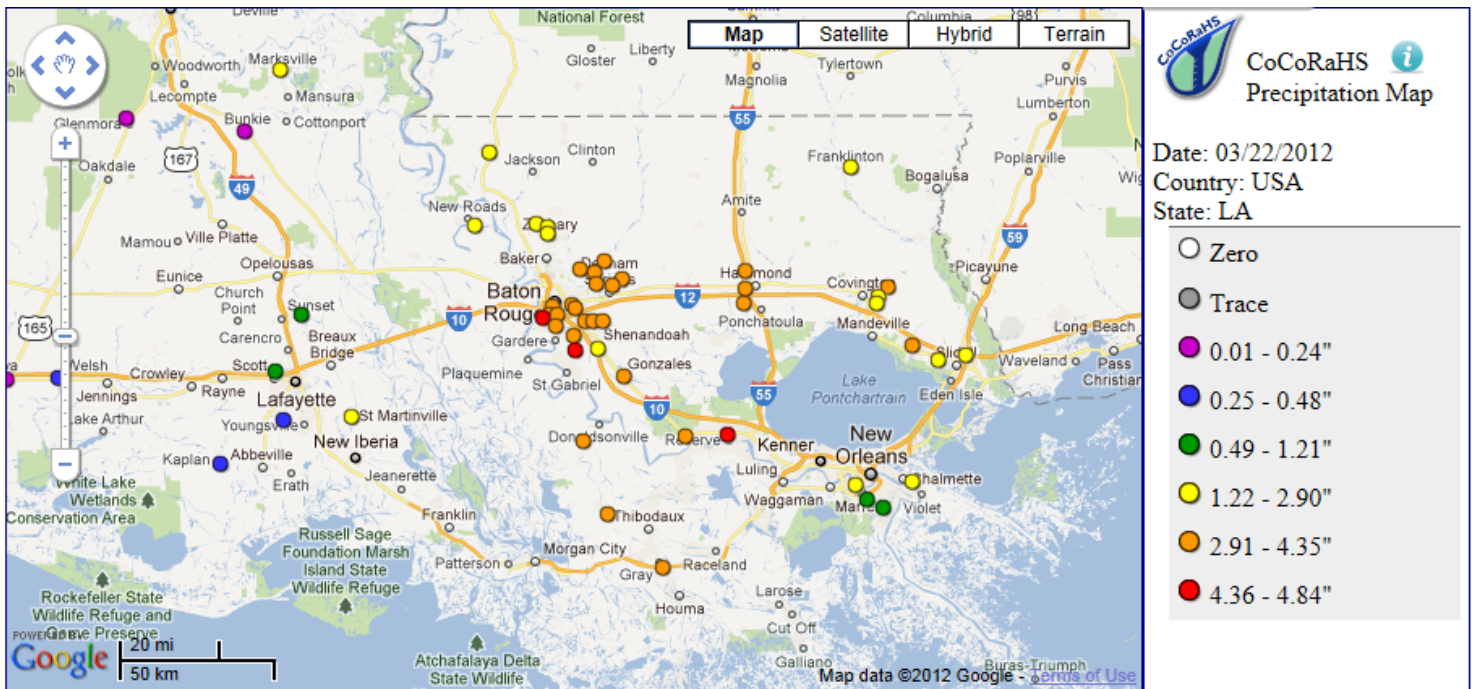
Busiest Reporting Day

- **Date: March 21st**
- **Number of Reports: 93**
- **Average reported rainfall: 1.53"**
- **Max amount: 8.91"**

Wettest Reporting Day

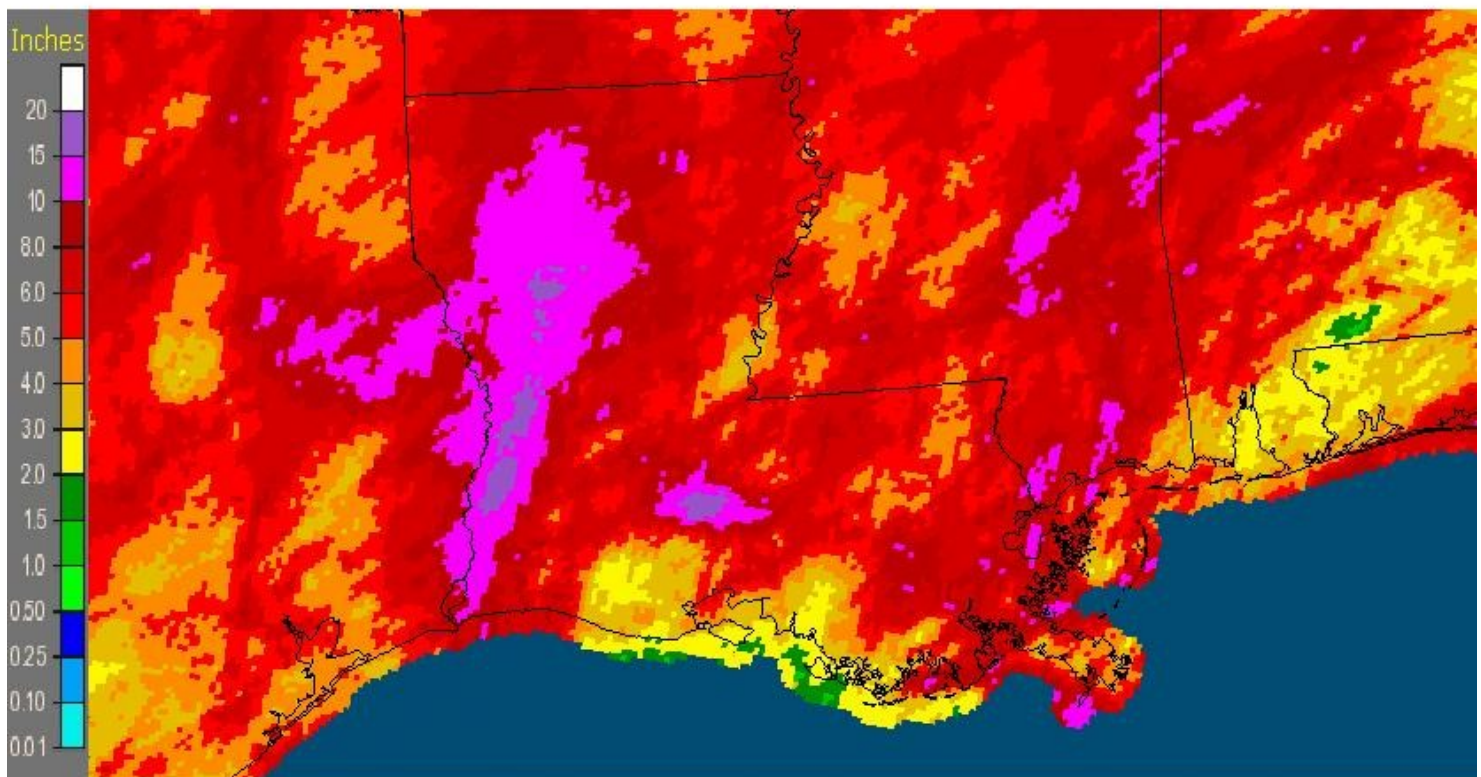
- **Date: March 22nd**
- **Number of Reports: 91**
- **Average reported rainfall: 1.96"**
- **Max amount: 4.84"**

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 March 23rd, covering the heavy rainfall event from the previous 24 hours. The red dots around the Baton Rouge area was flooding rains between 4 and 5 inches.

Louisiana: March, 2012 Monthly Observed Precipitation
Valid at 4/1/2012 1200 UTC- Created 4/3/12 21:37 UTC



The monthly accumulated rainfall for March 2012 as compiled by the National Weather Service Lower Mississippi River Forecast Center. Note the vast spread of reds and pockets of violet and purple, depicting monthly totals greater than 5 inches. The large purple bulls-eye near Lafayette was mostly from a single day of rainfall at Grand Coteau 2.7 E, which measured 11.32 inches on the 13th from a stationary thunderstorm complex and produced record flooding.