



Southeast Louisiana CoCoRaHS Newsletter

"Because every drop counts"

January breaks records for rainfall in Baton Rouge area

This winter has been quite mild across the Deep South so far with only a few minor frost and freeze mornings. The overall weather pattern evolved to bring a moist Pacific flow across the Gulf States that tapped into richer Gulf moisture as disturbances moved through. The result has been several days of pronounced rainfall in January across southern half of the Bayou State. The Baton Rouge airport recorded several inches of rainfall on three consecutive days—3.27” on the 8th, 2.29” on the 9th and 2.40” on the 10th. In total, Baton Rouge accumulated 14.67 inches of rainfall for the month of January. This ranks 2nd wettest January for the Airport behind only the 14.94 inches measured in 1998. This total also ranked 7th wettest month for the Baton Rouge airport. Baton Rouge is on pace to record the wettest winter season. The record currently stands at 29.15 inches set in 1966. From Dec 1—Feb 13, Baton Rouge already measured 26.19 inches, currently 4th wettest with two more weeks to go. Another 3 inches of rainfall will surpass the previous record. Baton Rouge area records date back to 1892 and the airport records date to 1930. The largest rain totals in the CoCoRaHS network were found within the Greater Baton Rouge area. The LSU campus measured 18.19 inches for the month. Gonzales, south of Baton Rouge in Assumption Parish, had the wettest day of the month with almost 10 inches measured on the morning of the 11th. In all, there were 58 CoCoRaHS stations that tallied 10 inches or more rainfall for the month across Southeast Louisiana.

January Statistics

- **Wettest Month State & Local**
LA-EB-33 LSU
18.19” on perfect 31 reports
- **Number of Rain Days: 21**
- **Wettest Day State:**
LA-AV-3 Marksville 0.6 NW
9.62” on the 11th
- **Wettest Day Local:**
LA-AS-13 Gonzales 1.9 NE
6.25” on the 9th
- **Driest Month Local**
LA-SB-1 Meraux 0.8 WNW
5.52” on 18 reports
- **Hail Days: 0**

Reporting Statistics (January)

- **Stations reporting: 103**
- **Number of reports: 2435**
- **Average daily reporting: 78.5**

Busiest Reporting Day

- **Date: January 30th**
- **Number of Reports: 91**
- **Average reported rainfall: 0.76”**
- **Max amount: 2.24”**

Wettest Reporting Day

- **Date: January 9th**
- **Number of Reports: 86**
- **Average reported rainfall: 2.45”**
- **Max amount: 6.25”**

Comment of the Month

- From Abita Springs 2.2 SSW (LA-ST-7) on Jan 12th

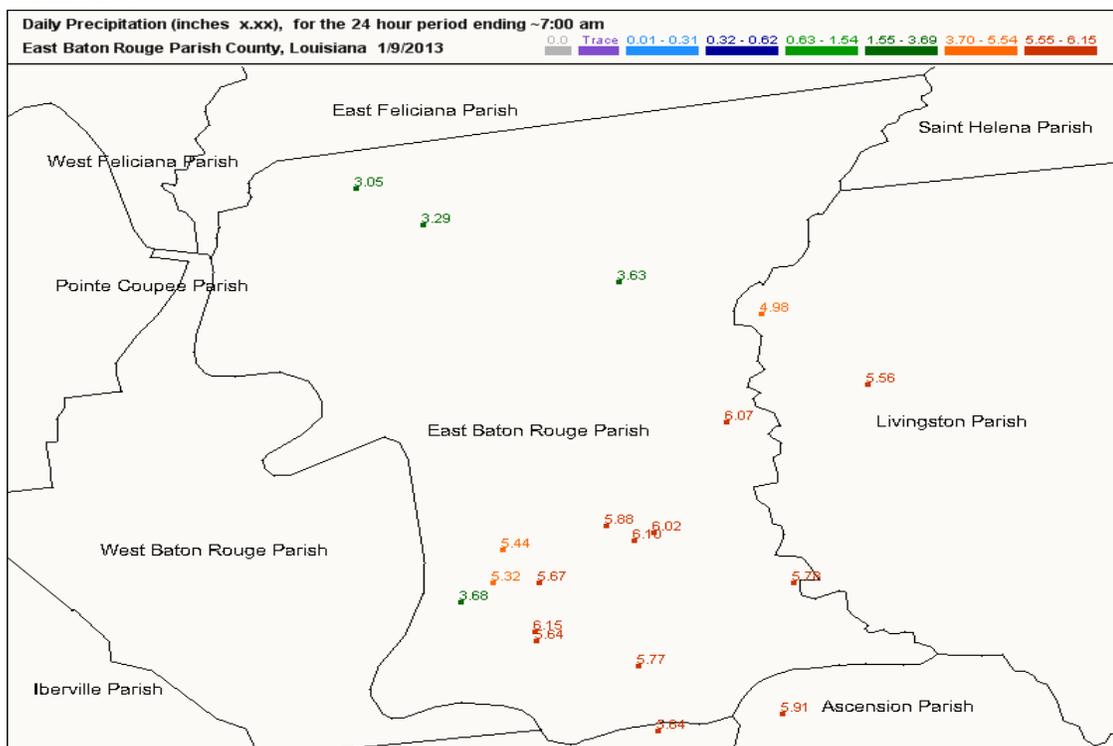
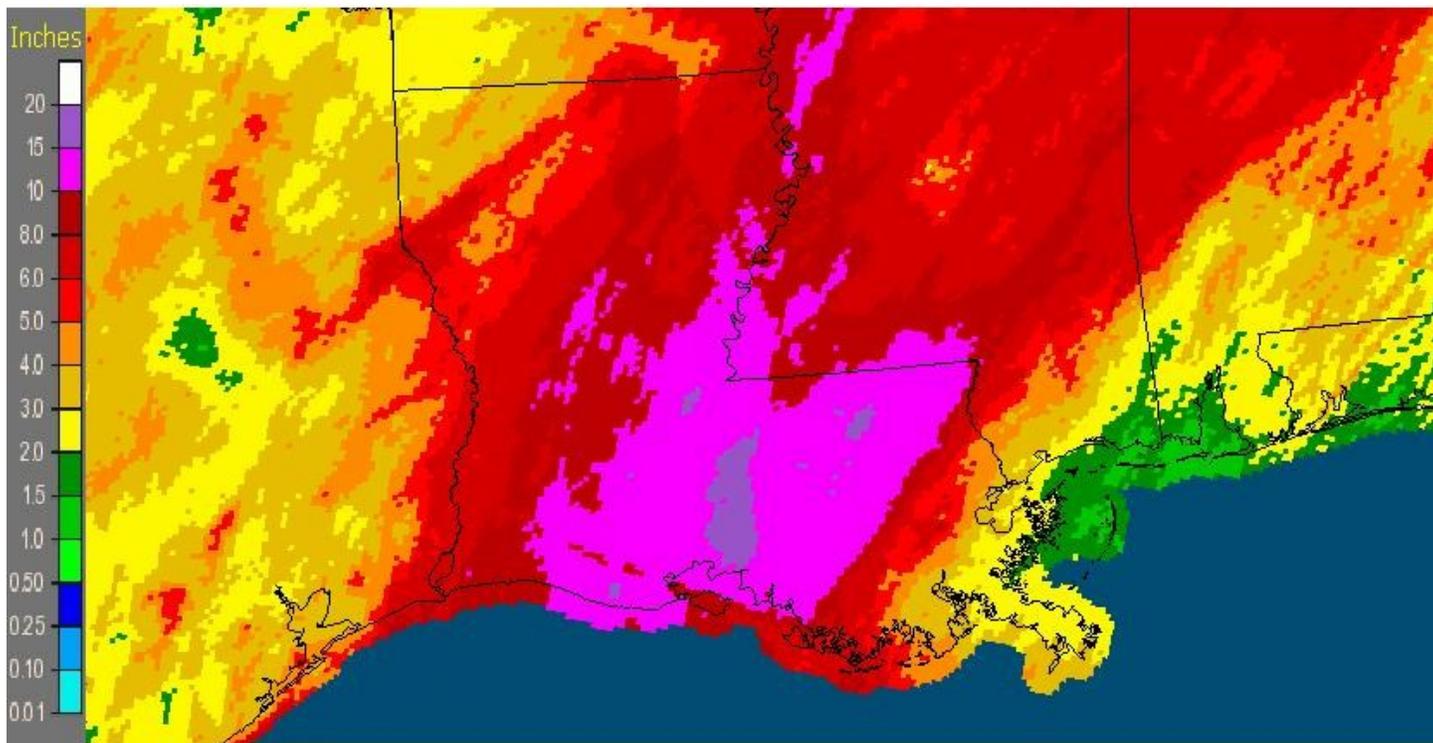
“I have an outside thermometer that gives the temps for last 24 hours, yesterday's low was 68 and high was 69, talk about monotony...”

This comment typified what was a cloudy, rainy day was a front stalled over the area. Some flooding occurred farther west but other consequence was little warming all day, known as an isothermal condition. The unusually warm temperatures also interacted with cooler lake temperatures to induce dense fog.

March Madness coming soon!

Help recruit new observers for the CoCoRaHS network. See website for details.

Louisiana: January, 2013 Monthly Observed Precipitation
 Valid at 2/1/2013 1200 UTC- Created 2/3/13 21:37 UTC



The top image is the accumulated rainfall analysis from the Lower Mississippi River Forecast Center for the month of January. Note the very large area of 10 plus inches of rainfall. The lower image is from the morning of the 9th, showing many CoCoRaHS locations in excess of 5 inches for the 24 hour period.

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