



"Because every drop counts"

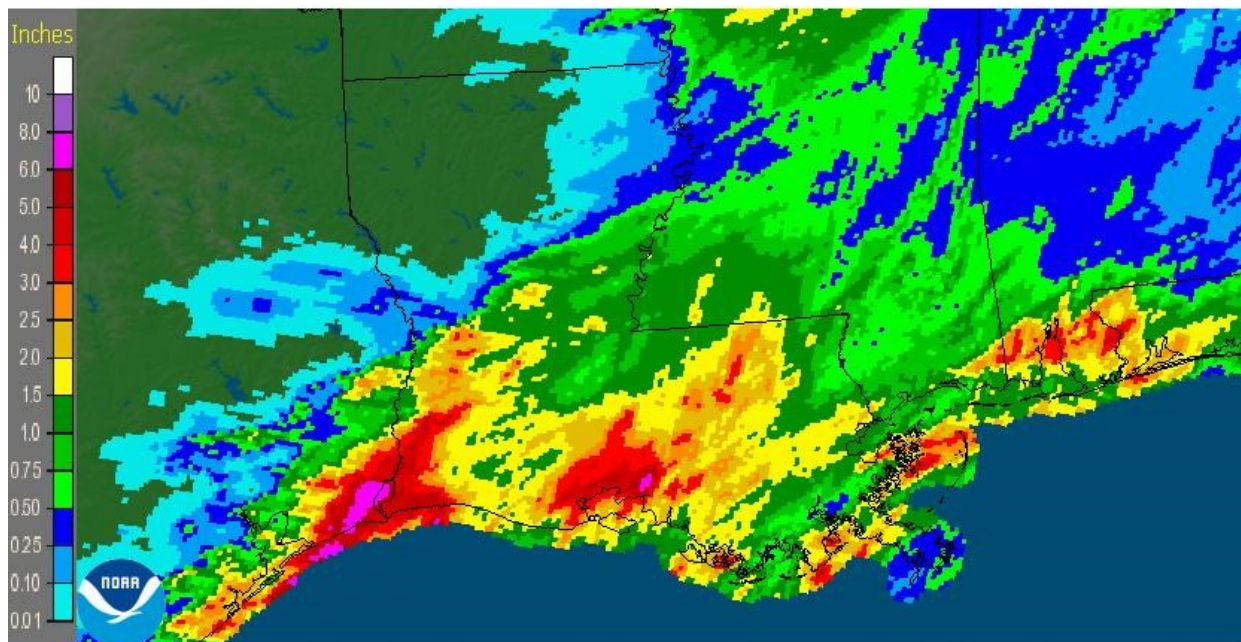
Southeast Louisiana CoCoRaHS Newsletter

August 3, 2014

Three Cold Fronts in July???

July in southeast Louisiana is typically frequented by gulf breezes that bring afternoon showers and thunderstorms on nearly a daily basis. This year decided to be different with frontal passages that usually end their passages by late June or not to be seen again until September. A large trough of low pressure over the eastern U.S. allowed for cooler and drier Canadian air to move much farther south than usual. The result was three out-of-season cold frontal passages—the first in time of the Fourth of July activities, another in mid-month on the 17th and 18th, then one last front at the end of the month. All three were accompanied by thunderstorms, with the most impactful being the mid-month passage. Heavy rain developed over the greater Baton Rouge area on the 18th and produced some flooding around the airport. Central 2.2 SE (LA-EB-31) measured 4.68" on the morning of the 19th to have the wettest single day total in July. Other locations around the Baton Rouge area had greater than 3 inches. The image below is the 24 hour rainfall estimates ending at 7 am CDT on the 19th. Note the red areas that are 3 inches or more of accumulation. For the rest of the month, 10 locations statewide measured greater than 10 inches, mostly in east-central Louisiana between Baton Rouge and St. Martinville. The monthly rainfall totals image is on the opposite side. This will be three consecutive months where 10+ inches of rain occurred in Southeast Louisiana.

Louisiana: 7/19/2014 1-Day Observed Precipitation
Valid at 7/19/2014 1200 UTC- Created 7/23/14 15:12 UTC



Comment of the Month - From Tylertown 3.3 S (LA-JF-1) on July 16, 2014.

“Rare summertime frontal passage—scattered thundershowers”

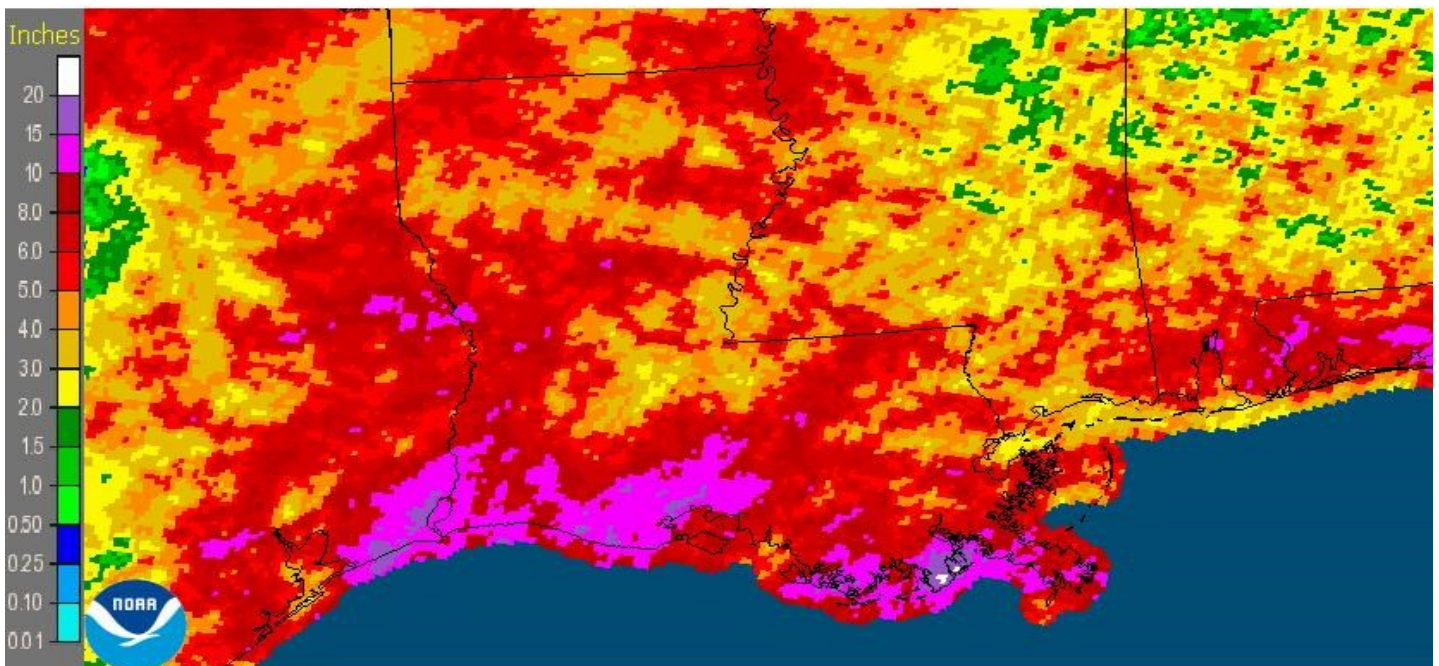
This observer took notice of this rare occurrence deep in Dixie in July. The Bayou State actually had three cold fronts move off the coast this July. This comment is one of 150 submitted statewide in July.

JULY STATISTICS

Wettest/Driest/Hail/Reporting

- ◆ Wettest Month, State—15.13” on 30 reports at Baton Rouge 1.4 WSW (LA-EB-46)
- ◆ Wettest Month, Local - Same as statewide
- ◆ Wettest Day, State—4.68” on the 19th at Central 2.2 SE (LA-EB-31)
- ◆ Wettest Day, Local – Same as statewide
- ◆ Number of Rain Days—25 with at least 0.01” average on a given day in the state.
- ◆ Driest Month, State — 1.95” on 15 reports at Madisonville 3.2 NNW (LA-ST-13)
- ◆ Driest Month, Local— Same as statewide
- ◆ Hail Reports: None.
- ◆ Snow Reports: None.
- ◆ Stations Reporting: 101; Number of Reports: 2238; Average per day: 72.2
- ◆ Busiest Reporting Day: 15th, average: 0.29”, max amount: 1.52”, number of reports: 83
- ◆ Wettest Reporting Day: 18th, average 1.77”, max amount 4.48”, number of reports 82
- ◆ Number of perfect 31 report observers: 30 stations statewide

Louisiana: July, 2014 Monthly Observed Precipitation
Valid at 8/1/2014 1200 UTC- Created 8/3/14 0:06 UTC



July rainfall accumulation, as processed from observations and radar estimates by the Lower Mississippi River Forecast Center in Slidell, LA

Keep those DAILY rainfall reports coming!