

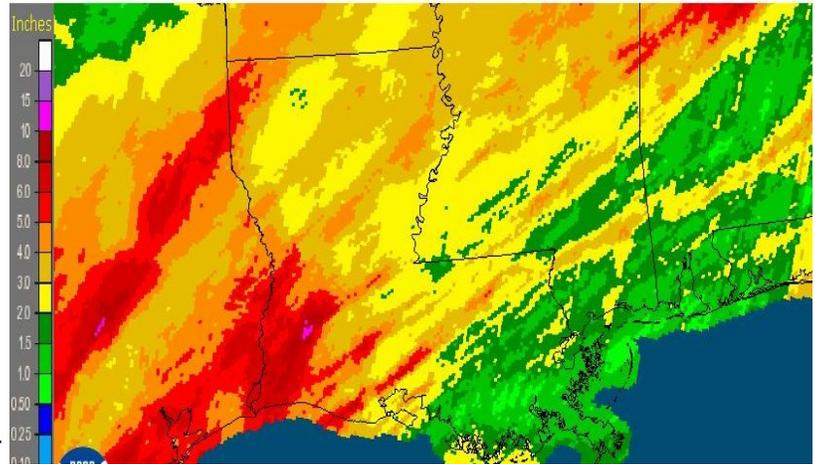


Southeast Louisiana CoCoRaHS Newsletter

"Because every drop counts"

Rather cold and somewhat dry November

Not much to really discuss this month as rainfall has been somewhat sporadic across the central Gulf South. Rainfall came in about four clusters, all based on cold frontal passages that moved through the region. There was a total of 12 days with reported rainfall across the state. The wettest days were Nov 16th into early 17th when a strong Arctic front squeezed out 1 to 3 inches of rain across portions of east-central Louisiana. **Central 2.2 SE** in suburban Baton Rouge measured 3.48" on that day. The remaining few rain days saw considerably lower amounts. The image, top right, shows the north and west receiving much of the rainfall, while the southeast remained relatively dry.

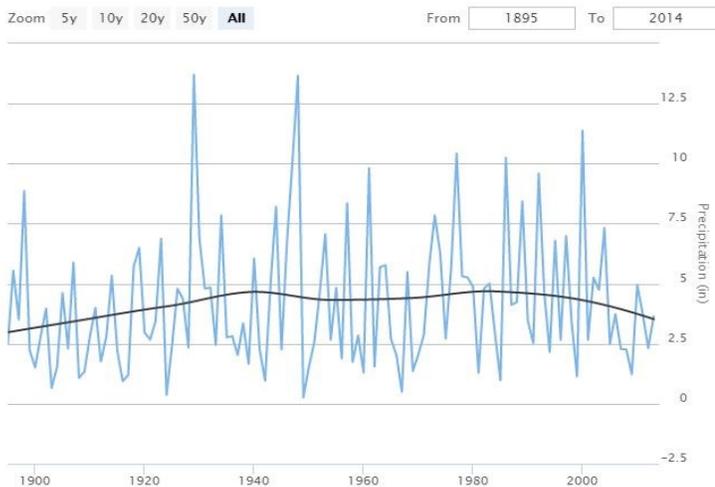


Monthly rainfall accumulation for November.

November rain trends

I did a little light research to see how this November's rainfall pattern aligns with historical values. The graphic to the lower left shows all average rainfall for upper southeast Louisiana parishes in November, dating back to 1895. The swings from year-to-year are quite noisy, but a long term trend line (black trace) does show a downtrend since the mid 1990s. This was compared to the other 11 months of the year. The summer months July-September were uptrend months, but the rest of year are similar to November trends. So what does this mean? Over the 119 year period, there are two distinct peak periods with a dip indicated between the 1940s through the early 1980s. This is known as a multi-decadal oscillation—a phenomenon that is seen in other aspects of climate study, including hurricane activity. Just thought this to be interesting to share.

Average Precipitation in November for LA(06)



Comment of the Month - From Terrytown 3.3 S (LA-JF-1) on November 17, 2014.

"Thunderstorms with frontal passage. Rain still occurring at observation."

This comment once again comes from Terrytown in Jefferson Parish. This was essentially the only thunder day of the month with a strong cold frontal passage that sent temperatures into unseasonably cold levels. There were a total of 132 comments submitted in November statewide.

NOVEMBER STATISTICS

Wettest/Driest/Hail/Reporting

- ◆ Wettest Month, State—11.69” on 21 reports at Iowa 0.9 ESE (LA-CC-3)
- ◆ Wettest Month, Local—4.36” on only 5 reports at Monticello 3.0 ENE (LA-EB-19)
- ◆ Wettest Day, State — 4.72” on the 23rd at Westlake 0.7 WNW (LA-CC-5)
- ◆ Wettest Day, Local—3.48” on the 17th at Central 2.2 SE (LA-EB-31)
- ◆ Number of Rain Days—12 with at least 0.01” average on a given day in the state.
- ◆ Driest Month, State & Local — 1.17” on 30 reports Abita Springs 0.8 WSW (LA-ST-1)
- ◆ Hail Reports: None. Snow Reports: None.
- ◆ Stations Reporting: 95; Number of Reports: 2115; Average per day: 70.5
- ◆ Busiest Reporting Day: 23rd, average: 0.78”, max amount: 4.72”, number of reports: 82
- ◆ Wettest Reporting Day: 17th, average 1.46”, max amount 3.78”, number of reports: 82
- ◆ Number of perfect 30 report observers: 33 stations statewide (34.7% of observers)

Winter Weatherization of your rain gauge

If the cold November is any indication, it could be a very cold winter this year, along with a potential for one or two rounds of winter type precipitation. This is just a reminder that if snow is forecasted for your area, please remove the funnel top and inner tube. Just let the snow accumulate in the big cylinder. When taking your reading, allow the snow to melt without applying too much heat, to get an accurate liquid equivalent. Also, take a good snow depth of any snow on the ground on a smooth, uninterrupted representative area of your yard. Finally, be careful not to slip and fall on icy surfaces attempting to get readings.

End of year housecleaning

As we end this 2014 year, I will try to provide an annual summary for all the southeast Louisiana observers in the next issue. I will also be cleaning up the mailing list to which these newsletters are sent. If a location has not reported an observation in at least 6 months, they will be removed from the listing, unless they are a stakeholder in CoCoRaHS observations. If you know of anyone that would be interested in receiving this newsletter, or may be interested in joining CoCoRaHS, please have them contact me via e-mail at robricks86@hotmail.com.



Keep the DAILY rainfall reports coming!