



Southeast Louisiana CoCoRaHS Newsletter

"Because every drop counts"

Beneficial rains push back spread of drought in December

The United State Drought Monitor was indicating the onset of drought conditions across the mid-Gulf region that actually attained D2—Severe Drought status by the middle of the month due to drier than normal conditions. Storminess over the last week of December provided some beneficial rains that aided in improving the drought conditions, at least in the short-term. For the month, Denham Springs 6.8 N (LA-LV-2) recorded 9.05 inches on 30 reports to lead the Bayou State in rainfall. Around 59 of the 93 reporting stations tallied 4 inches or more for the month. The single wettest day was actually reported on the morning of the 20th at New Roads 2.7 ESE (LA-PC-2) with 3.45 inches.

State of the Network

January marks the 7th year of Louisiana’s enrollment into the national CoCoRaHS endeavor. Since inception, we have had 157 citizens enroll into the program in southeast Louisiana. Today, there are 43 active observers across 13 parishes. This is an active participation rate of 29.9 percent of all those enrolled since 2008. While this may sound low, the participation has been steady and consistent over the past few years. About half of the active participants report on a daily basis. The table below is a parish breakdown of all members since 2007 and number of current active members. As always, thank you for your time and dedication to this voluntary network.

PARISH	Since 2007	Active	PARISH	Since 2007	Active
Ascension	15	3	St. Bernard	1	0
Assumption	2	1	St. Charles	2	0
East Baton Rouge	51	16	St. Helena	0	0
East Feliciana	5	0	St. James	1	1
Iberville	5	0	St. John the Baptist	3	0
Jefferson	5	2	St. Tammany	15	9
Lafourche	3	0	Tangipahoa	13	3
Livingston	11	3	Terrebonne	6	1
Orleans	5	0	Washington	3	1
Plaquemines	0	0	West Baton Rouge	2	1
Pointe Coupee	4	1	West Feliciana	5	1

Comment of the Month - From Inniswold 2.8 S (LA-EB-42) on December 23 , 2014.

“Sudden start with a real burst of rain at 1:20 AM.”

This was the start of a round of severe thunderstorms that produced wind damage and some hail in portions of southeast Louisiana. This event eventually produced deadly tornadoes in Columbia, MS later that day. This was one of 179 comments submitted statewide in December.

Annual Station Summary for 2014

Station ID	2014 Total	Num Obs	Station ID	2014 Total	Num Obs	Station ID	2014 Total	Num Obs	Station ID	2014 Total	Num Obs
LA-AS-2	67.49	290	LA-EB-33	66.92	363	LA-PC-2	61.51	285	LA-WF-4	48.00	110
LA-AS-5	72.49	357	LA-EB-41	66.09	363	LA-SJ-2	80.77	320			
LA-AS-10	13.31	88	LA-EB-42	63.39	355	LA-ST-1	69.77	365			
LA-AS-11	66.56	323	LA-EB-45	65.01	362	LA-ST-6	77.10	345			
LA-AS-13	54.24	171	LA-EB-46	74.15	346	LA-ST-7	70.77	361			
LA-AS-15	14.26	107	LA-EB-47	67.07	328	LA-ST-8	67.64	359			
LA-AP-2	69.63	365	LA-EB-48	69.96	362	LA-ST-9	79.41	365			
LA-EB-2	69.56	365	LA-EB-53	26.71	95	LA-ST-10	67.39	365			
LA-EB-5	68.57	192	LA-EF-1	1.61	1	LA-ST-11	68.32	287			
LA-EB-9	49.87	288	LA-IV-4	46.12	235	LA-ST-12	61.21	161			
LA-EB-14	65.63	335	LA-JF-1	56.88	365	LA-ST-13	64.62	310			
LA-EB-18	3.73	2	LA-JF-5	0.77	1	LA-TG-2	74.23	335			
LA-EB-19	65.99	105	LA-JF-6	63.95	329	LA-TG-4	46.91	218			
LA-EB-22	67.46	359	LA-LV-2	66.71	268	LA-TG-6	66.27	93			
LA-EB-23	63.89	364	LA-LV-4	69.06	362	LA-TG-10	7.40	78			
LA-EB-27	69.93	342	LA-LV-5	79.47	184	LA-TR-5	59.67	300			
LA-EB-28	45.45	279	LA-LV-10	16.92	90	LA-WS-2	72.48	330			
LA-EB-31	65.89	363	LA-OR-3	59.64	220	LA-WB-2	68.69	303			

There are 55 stations that made the roster this past year. The GOLD club includes the six highlighted stations that had a perfect reporting record in 2014. LA-SJ-2 was the wettest with 80.77" on 320 reports.

Congrats!

DECEMBER STATISTICS

Wettest/Driest/Hail/Reporting

- ◆ Wettest Month, State & Local—9.05" on 30 reports at Denham Springs 6.8 N (LA-LV-2)
- ◆ Wettest Day, State & Local — 3.45" on the 20th at New Roads 2.7 ESE (LA-PC-2)
- ◆ Number of Rain Days—20 with at least 0.01" average on a given day in the state.
- ◆ Driest Month, State — 1.66" on a perfect 31 reports at Iowa 0.9 ESE (LA-CC-3)
- ◆ Driest Month, Local—3.42" on 29 reports at LSU (LA-EB-33)
- ◆ Hail Reports: 3/8" on 12/23/14 9:00AM at Baton Rouge 1.4 WSW (LA-EB-46)
1.0" on 12/24/14 10:00AM at Brownfields 4.0 E (LA-EB-23)
- ◆ Snow Reports: None.
- ◆ Stations Reporting: 93; Number of Reports: 2160; Average per day: 69.7
- ◆ Busiest Reporting Day: 28th, average: 0.99", max amount: 2.36", number of reports: 78
- ◆ Wettest Reporting Day: 24th, average 1.18", max amount 3.08", number of reports: 72
- ◆ Number of perfect 31 report observers: 35 stations statewide, 19 locally

Keep the DAILY rainfall reports coming!