



Southeast Louisiana CoCoRaHS Newsletter

"Because every drop counts"

Greater Baton Rouge area has wetter winter on record

Baton Rouge Ryan Field measured a total of 30.14" of rainfall for the winter months encompassing December 2012, January and February 2013. The previous wettest winter was 29.15 inches set in 1966. In our local CoCoRaHS network, there were 28 stations that surpassed this record total for the same three month period. A listing of those observations is provided on the back page.

February was another wet month for SE Louisiana

The shortest month of the year was not short on rainfall. There were 21 days which had at least an average reporting amount of 0.01 inches across the Bayou State. Monthly totals ranged from a "dry" 2.29 inches near Shreveport to a very wet 10.90 inches near Hammond. Most area soils remained soggy and several rivers and streams were in flood for a large portion of the month. The Pearl River system remained in flood for nearly the entire month. One problem with wet winters is the loss of water absorption from area foliage—as most trees are dormant. This part of the water cycle is known as *EVAPOTRANSPIRATION*. Also, a lower sun angle does not offer efficient *EVAPORATION*, even on mostly sunny days.



Hail in Galvez, LA, 2/25/2013

February Statistics

- **Wettest Month State & Local**
LA-TG-2 Hammond 2.3 WSW
10.90" on perfect 28 reports
- **Number of Rain Days: 21**
- **Wettest Day State & Local:**
LA-SB-1 Meraux 0.8 WNW
4.45" on the 25th
- **Driest Month State:**
LA-CD-9 Shreveport 6.4
2.29" on 18 reports
- **Driest Month Local**
LA-EB-47 Baton Rouge 5.3 S
4.49" on 21 reports
- **Hail Reports: 6**
1 (11th), 2 (24th), 3 (25th)

Reporting Statistics (February)

- **Stations reporting: 99**
- **Number of reports: 2115**
- **Average daily reporting: 75.5**

Busiest Reporting Day

- **Date: February 19th**
- **Number of Reports: 86**
- **Average reported rainfall: 0.80"**
- **Max amount: 2.38"**

Wettest Reporting Day

- **Date: February 25th**
- **Number of Reports: 81**
- **Average reported rainfall: 1.51"**
- **Max amount: 4.55"**

Comment of the Month

- From Marrero 1.9 E
(LA-JF-6) on Feb 25th

"Here in Marrero Louisiana was a really bad hail storm last night, some stones were 1 1/2."

A couple of consecutive days saw hail storms move across the Gulf South. Hail sizes ranged from dime to golf ball size on the 24th and 25th of February. This report from Marrero was one of the harder hit areas on the 25th, with hail drifts seen. Some hail was still on the ground the following morning. This is truly a rare event in the immediate area in the winter months.

March Madness is on!

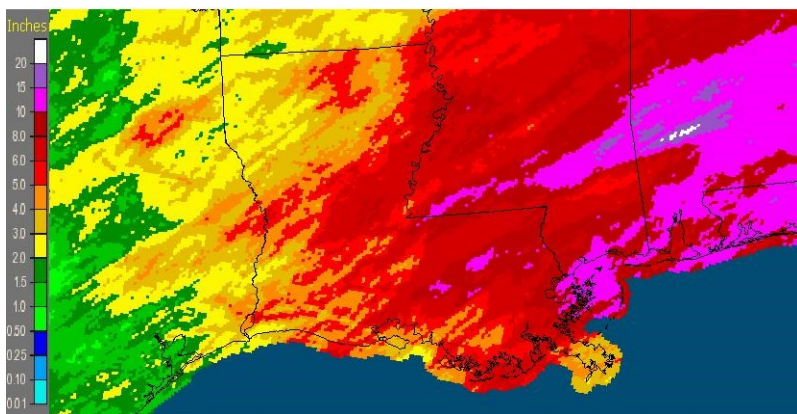
Help recruit new observers for the CoCoRaHS network.

See website for details.

Winter Rainfall Totals (Dec-Jan-Feb) exceeding 29.15", Baton Rouge all time wettest winter in 1966.

STATION ID	LOCATION	DAILY RAIN-FALL	MULTI-DAY RAINFALL	TOTAL RAINFALL	# OF OBS
LA-EB-14	Baton Rouge 3.5 E	35.89		35.89	80
LA-EB-33	LSU	34.81		34.81	90
LA-CN-2	Ferriday 1.1 NNW	34.78		34.78	35
LA-EB-48	Baton Rouge 2.1 S	34.66		34.66	86
LA-EB-2	Baton Rouge 2.7 SW	34.58		34.58	90
LA-EB-46	Baton Rouge 1.4 WSW	34.08		34.08	90
LA-AS-2	Port Vincent 4.4 W	33.85		33.85	81
LA-EB-41	Baton Rouge 4.3 S	30.27	3.49	33.76	84
LA-WS-2	Franklinton 0.4 ENE	31.82	1.88	33.7	84
LA-EB-27	Baton Rouge 2.5 E	33.68		33.68	84
LA-LV-4	Denham Springs 4.1 NE	25.45	8.14	33.59	86
LA-TG-6	Tickfaw 2.0 SSW	33.05	0.4	33.45	41
LA-EB-31	Central 2.2 SE	33.2		33.2	90
LA-EB-47	Baton Rouge 5.3 S	32.71		32.71	83
LA-EB-19	Monticello 3.0 ENE	26.96	5.66	32.62	35
LA-LV-2	Denham Springs 6.8 N	30.11	2.3	32.41	78
LA-TG-2	Hammond 2.3 WSW	30.72	1.66	32.38	82
LA-PC-2	New Roads 2.7 ESE	30.96	1	31.96	78
LA-WF-4	Wakefield 0.9 WNW	11.95	19.83	31.78	63
LA-EB-42	Inniswold 2.8 S	31.72		31.72	90
LA-AS-10	Prairieville 1.8 NW	30.23	1.43	31.66	86
LA-IV-4	Village St. George 3.2 S	31.55		31.55	90
LA-EB-28	Zachary 3.5 WNW	31.37		31.37	88
LA-EB-45	Zachary 0.9 WSW	30.78		30.78	90
LA-AV-1	Bunkie 0.3 WSW	27.42	3.21	30.63	85
LA-AS-13	Gonzales 1.9 NE	30.29		30.29	83
LA-EB-22	Shenandoah 1.5 E	29.51		29.51	90
LA-SL-1	Grand Coteau 2.7 E	29.47		29.47	89

Louisiana; February, 2013 Monthly Observed Precipitation
Valid at 3/1/2013 1200 UTC- Created 3/3/13 21:36 UTC



The image is February cumulative rainfall, showing streaks of 10+ inches of rainfall for the month across portions of SE Louisiana and the Mississippi Gulf Coast region.

Keep those rainfall and hail reports coming!

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