

WATER, WATER EVERYWHERE

OCTOBER 25-29, 2006
Flood Event

by Sam Shamburger, Journeyman Forecaster



A car is submerged by flood waters along U.S. 171 in Moss Bluff, LA on October 28, 2006

(Picture courtesy of Lake Charles American Press)

A strong storm system brought yet another heavy rain event to Southeast Texas and Southern Louisiana from Wednesday October 25 through Friday October 27. This system was one of several that brought widespread heavy rainfall and flooding to the region in October 2006. Most locations across Southeast Texas and Southern Louisiana received between 1 and 5 inches of rainfall from this event. However, a 25 mile wide by 150 mile long area, stretching from near Sour Lake, Texas to around Port Barre, Louisiana, received substantially higher amounts of rainfall. In fact, locations within this swath received three-day rainfall totals ranging from 7 to 16 inches. With grounds already saturated from the heavy rainfall of the previous two weeks, this latest heavy rainfall event once again spawned widespread flooding across parts of Southeast Texas, Southwest Louisiana, and South-Central Louisiana. Numerous homes and businesses were damaged by the flood waters, with several road and school closures across the area. This heavy rainfall also resulted in some area rivers rising to levels not seen in many years.

| LOCATION | FLOODING REPORTS | TIME | DATE |
|-----------------|---|---------|----------|
| Kountze TX | County Road 1293 closed from Kountze to Honey Island due to flooding | 1217 PM | 10/26/06 |
| 5 N Starks LA | Calcasieu Parish Emergency Manager reports 18 inches of water covering Highway 1090 near mile marker 18 | 315 PM | 10/26/06 |
| 1 W DeQuincy LA | Calcasieu Parish Emergency Manager reports 6 to 8 inches of water over Highway 12 near mile marker 19 | 315 PM | 10/26/06 |
| DeQuincy LA | Report of drainage ditch overflowing, with water moving into parking lots and parked cars | 400 PM | 10/26/06 |
| Fred TX | 2 to 3 inches of water is covering several roads in southern Tyler County | 400 PM | 10/26/06 |
| Evadale TX | A few homes are flooded in southern Jasper County | 400 PM | 10/26/06 |
| Beaumont TX | Moderate street flooding reported | 435 PM | 10/26/06 |
| Ragley LA | Beauregard Office of Emergency Preparedness reports roads in south Beauregard parish are impassable, with water entering some homes | 446 PM | 10/26/06 |
| Kinder LA | Report of major street flooding | 630 PM | 10/26/06 |
| Port Arthur TX | Report of roads being barricaded | 719 PM | 10/26/06 |
| Beaumont TX | Underpasses along I-10 closed due to high water | 815 PM | 10/26/06 |
| Nederland TX | Numerous roads are under water | 835 PM | 10/26/06 |
| Lake Charles LA | Water covering East Tank Farm Road | 924 PM | 10/26/06 |
| Evadale TX | Water entering several homes | 1002 PM | 10/26/06 |
| Moss Bluff LA | NWS employee is reporting 4 feet of flood water in the garage of his house | 130 AM | 10/27/06 |
| Opelousas LA | Near Cocomo, subdivision on Highway 167 has at least 1 foot of water covering the road | 535 AM | 10/27/06 |
| Opelousas LA | 2 mile long stretch of the junction of Highway 104 and Highway 103 has at least 2 feet of water covering it | 535 AM | 10/27/06 |
| Church Point LA | Intersection of Highway 95 and Highway 35 has high water and is impassable | 535 AM | 10/27/06 |
| Mauriceville TX | Several shop buildings have 6 inches of standing water | 1030 AM | 10/27/06 |

Flooding Pictures 10/26 & 10/27



Joe Miller Road in Moss Bluff, LA is completely submerged

Photo by Donovan Landreneau, Journeyman Forecaster



A house on Joe Miller Road is inundated by flood waters

Photo by Donovan Landreneau, Journeyman Forecaster



An entire neighborhood in Moss Bluff is flooded

Photo by Donovan Landreneau, Journeyman Forecaster



Flooding engulfs this house on Joe Miller Road

Photo by Donovan Landreneau, Journeyman Forecaster



A car is submerged at Joe Miller Road and Highway 171

Photo by Sam Shamburger, Journeyman Forecaster



A church along Highway 171 is engulfed by flood waters

Photo by Sam Shamburger, Journeyman Forecaster



West Armand street in Moss Bluff, LA is completely submerged

Photo by Sam Shamburger, Journeyman Forecaster



A truck in Topsy shows how high the flood waters rose

Photo courtesy of the Lake Charles American Press



The entrance to Goos Ferry Road in Lake Charles is blocked by flooding

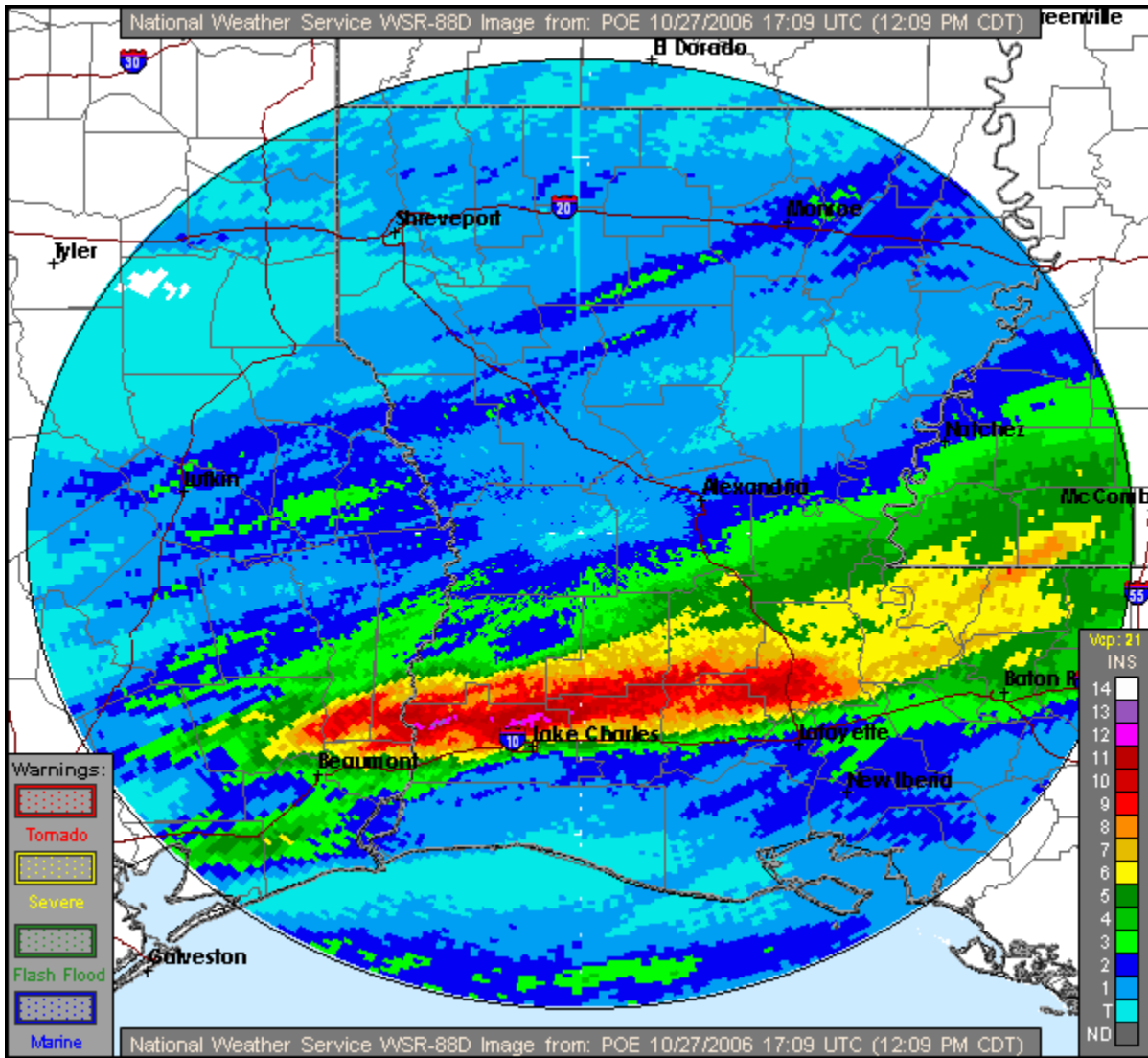
Photo by Sam Shamburger, Journeyman Forecaster

OCTOBER 25-27, 2006 Rainfall Totals

| Southeast Texas 3-day Rainfall Totals from 10/25/06 to 10/27/06 | | |
|--|----------------|------------------------------|
| LOCATION (TEXAS) | STATION | 3 DAY RAINFALL TOTALS |
| Orange 9N | COOP | 10.65" |
| Lumberton | COOP | 9.63" |
| Kountze | COOP | 8.00" |
| Silsbee 4N | COOP | 7.97" |
| Warren RAWS | MESONET | 7.31" |
| Southeast Texas Regional Airport | ASOS | 5.68" |
| Wildwood | COOP | 5.48" |
| Beaumont Water Plant | COOP | 5.03" |
| Buna RAWS | MESONET | 4.71" |
| Woodville RAWS | MESONET | 4.57" |
| Orange Water Plant | COOP | 3.99" |
| Beaumont Research Center | COOP | 3.80" |
| Sam Rayburn Reservoir | COOP | 3.78" |
| Toledo Bend Dam | COOP | 3.65" |
| Steinhagen Lake | COOP | 3.64" |
| Newton | COOP | 3.42" |
| Jasper | COOP | 3.34" |
| McFadden NWR RAWS | MESONET | 3.22" |
| Woodville | COOP | 1.60" |

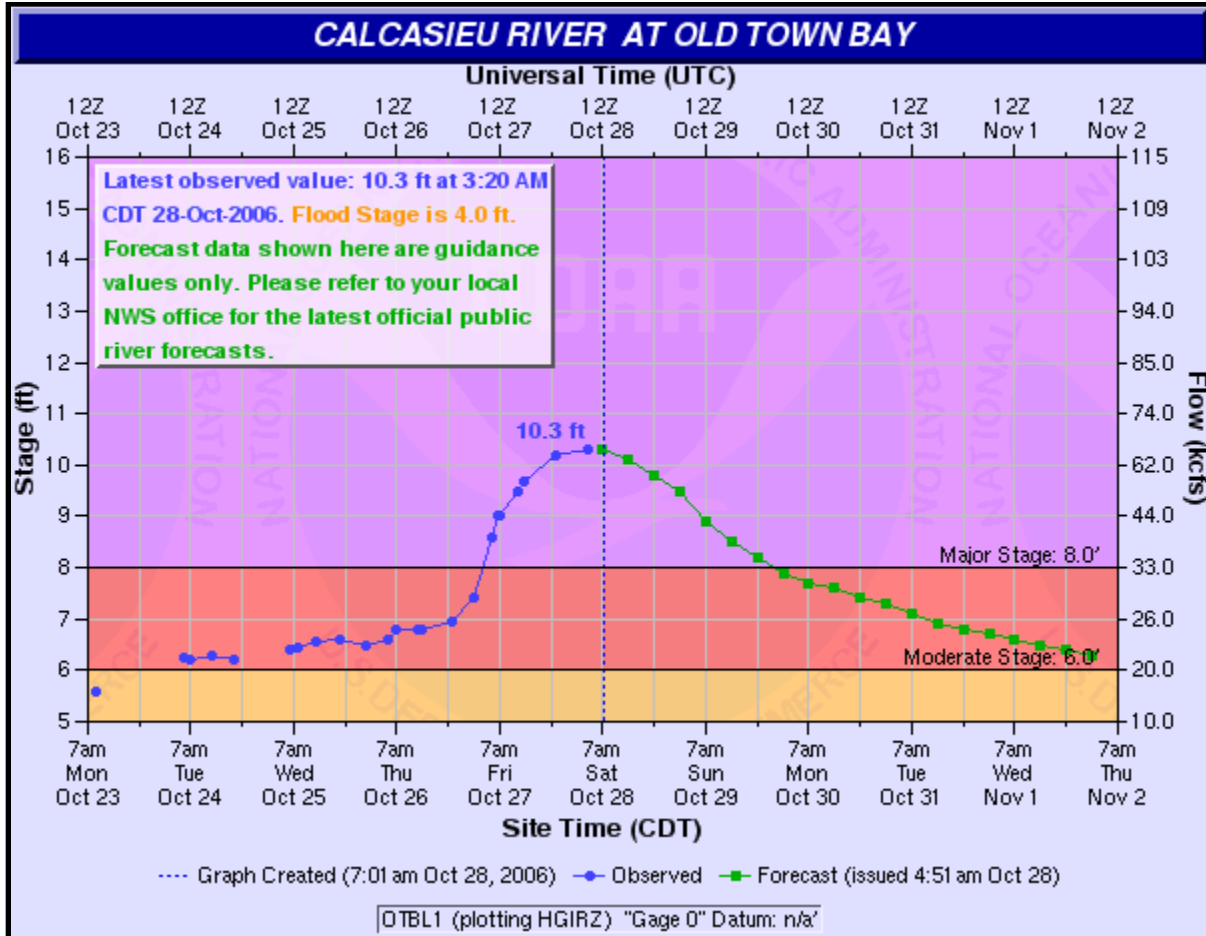
| Louisiana 3-day Rainfall Totals from 10/25/06 to 10/27/06 | | |
|--|----------------|------------------------------|
| LOCATION (LOUISIANA) | STATION | 3 DAY RAINFALL TOTALS |
| Moss Bluff 3NNW (NWS Employee) | COOP | 15.06" |
| Moss Bluff | COOP | 11.37" |
| Sam Houston Jones State Park | COOP | 11.20" |
| Ragley | COOP | 10.50" |
| Opelousas | COOP | 10.20" |
| Grand Couteau | COOP | 9.04" |
| Port Barre R&D Research LAIS | MESONET | 8.84" |
| Eunice | COOP | 8.53" |
| Old Town Bay | COOP | 8.50" |
| Oberlin Fire Tower | COOP | 7.79" |
| Deridder | COOP | 4.83" |

| | | |
|--------------------------------------|---------|-------|
| Bunkie | COOP | 4.75" |
| Oakdale | COOP | 4.75" |
| Salt Water Barrier | COOP | 4.32" |
| Sulphur | COOP | 4.15" |
| Dry Creek | COOP | 3.40" |
| Fullerton Strip 12SE Fort Polk | ASOS | 3.39" |
| Leesville | COOP | 3.35" |
| Gardner RAWS | MESONET | 3.29" |
| Fort Polk RAWS | MESONET | 3.24" |
| Carencro | COOP | 3.10" |
| Ville Platte | COOP | 3.10" |
| Alexandria LSU Dean Lee | COOP | 3.06" |
| East Fort Polk RAWS | MESONET | 3.05" |
| Rosepine LAIS | MESONET | 3.00" |
| Self Strip 5N Fort Polk | ASOS | 2.99" |
| Red River Lock #2 | COOP | 2.96" |
| Alexandria Power Plant | COOP | 2.95" |
| Lafayette | COOP | 2.94" |
| Port of Lake Charles | COOP | 2.87" |
| Elmer 2SW | COOP | 2.85" |
| Alexandria 5SSE | COOP | 2.83" |
| Boyce 7SW | COOP | 2.81" |
| Boyce 3WNW | COOP | 2.80" |
| Abbeville | COOP | 2.71" |
| Jennings | COOP | 2.70" |
| Crowley 2NE | COOP | 2.62" |
| Esler Field | ASOS | 2.59" |
| Lafayette Regional Airport | ASOS | 2.56" |
| Alexandria International Airport | ASOS | 2.31" |
| Crowley Rice Research LAIS | MESONET | 2.26" |
| Lake Charles Regional Airport | ASOS | 2.22" |
| New Iberia Acadiana Regional Airport | ASOS | 2.08" |
| New Iberia | COOP | 1.47" |
| Lake Arthur 10SW | COOP | 1.45" |
| Holmwood RAWS | MESONET | 1.26" |
| Jeanerette LAIS | MESONET | 0.76" |
| Leland Bowman Lock | COOP | 0.52" |
| Franklin 3NW | COOP | 0.47" |



Fort Polk Radar - Estimated Rainfall totals for 10/26/06 to 10/27/06

OCTOBER 25-29, 2006 River Flooding



Hydrograph showing forecasted river levels for Calcasieu River at Old Town Bay on 10/28/06

Highest River Levels across Southwest Louisiana from 10/25 to 10/29

| RIVER LOCATION | CREST | PRELIMINARY HISTORICAL LEVEL |
|---|---------|------------------------------|
| Calcasieu River at Old Town Bay | 10.4 FT | 5th Highest |
| Calcasieu River at Sam Houston Jones State Park | 10.9 FT | 5th Highest |
| Calcasieu River at Salt Water Barrier | 6.35 FT | 9th Highest |

River Flooding Pictures



An industrial dock along the Calcasieu River at Old Town Bay is almost completely submerged

*Photo by Sam Shamburger,
Journeyman Forecaster*



Areas of Sam Houston Jones State Park near the Calcasieu River are underwater

*Photo by Sam Shamburger,
Journeyman Forecaster*



River gage at Sam Houston Jones State Park showing the flooded river at a level over 9 feet high on 10/27

*Photo by Sam Shamburger,
Journeyman Forecaster*