



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 2002

| Location | Date | Time<br>Local/<br>Standard | Path<br>Length<br>(Miles) | Path<br>Width<br>(Yards) | Number of<br>Persons<br>Killed | Injured | Estimated<br>Damage<br>Property | Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|

### LOUISIANA, Northeast

LAZ007-023

**Morehouse - Franklin**

|           |                |  |  |          |          |           |  |  |                  |
|-----------|----------------|--|--|----------|----------|-----------|--|--|------------------|
| <b>03</b> | <b>1000CST</b> |  |  |          |          |           |  |  |                  |
| <b>04</b> | <b>0400CST</b> |  |  | <b>0</b> | <b>0</b> | <b>1M</b> |  |  | <b>Hurricane</b> |

Hurricane Lili made landfall along the South-Central Louisiana coast during the morning hours of October third as a category 2 storm. Lili tracked north and slightly east through Louisiana during the day on the third, weakening by evening to a tropical depression near Monroe, Louisiana. The dying system eventually tracked across the Mississippi Delta in the subsequent overnight hours. Thunderstorm bands, strong winds, and associated tornadoes created damage across northeastern Louisiana during the afternoon and evening hours on the third. Most of the damage in northeastern Louisiana was in the form of (or caused by) downed trees. Wind gusts in this area of Louisiana remained below hurricane strength. However, saturated ground conditions from the combined rainfall of Lili and Isidore (which moved over the same area a week earlier) allowed winds to push down numerous trees. One such tree in Morehouse Parish

### MISSISSIPPI, Central

MSZ025-027-034-037-  
042>044-047>048-050-  
056>057-060-065

**Leflore - Carroll - Washington - Attala - Yazoo - Madison - Leake - Warren - Hinds - Scott - Smith - Jasper - Adams - Covington**

|           |                |  |  |          |          |               |  |  |                  |
|-----------|----------------|--|--|----------|----------|---------------|--|--|------------------|
| <b>03</b> | <b>1000CST</b> |  |  |          |          |               |  |  |                  |
| <b>04</b> | <b>0400CST</b> |  |  | <b>0</b> | <b>0</b> | <b>500.0K</b> |  |  | <b>Hurricane</b> |

Hurricane Lili made landfall along the South-Central Louisiana coast during the morning hours of October third as a category 2 system. Lili tracked north and slightly east through Louisiana during the day on the third, weakening by evening to a tropical depression near Monroe, Louisiana. The center of the decaying system eventually migrated across the Mississippi Delta through overnight. Thunderstorm bands, strong winds, and associated tornadoes created damage across central Mississippi from midday on the third through the early morning hours on the fourth. One band of thunderstorms produced 5 weak tornadoes across Smith and Scott counties on the afternoon of the third. Most of the damage in central Mississippi was in form of (or caused by) downed trees. The highest actual wind gust measured through the entire event was 56 miles per hour. However, ground over most of the area was saturated from the combined rainfall of Lili and Isidore (which affected the same areas a week earlier) and this situation allowed tropical storm force winds to easily push down trees area-wide. Rainfall amounts were over 3 inches underneath the most persistent rainbands but only a few instances of street flooding occurred in Bolivar and Clarke counties. Estimated damage across central Mississippi from Lili was \$500,000.

**Jasper County  
Countywide**

|           |                |  |  |          |          |           |  |  |                          |
|-----------|----------------|--|--|----------|----------|-----------|--|--|--------------------------|
| <b>03</b> | <b>1145CST</b> |  |  |          |          |           |  |  |                          |
|           |                |  |  | <b>0</b> | <b>0</b> | <b>2K</b> |  |  | <b>Thunderstorm Wind</b> |

Several trees were blown down across the county.

**Jasper County  
1 S Bay Spgs**

|           |                |  |  |          |          |  |  |  |                     |
|-----------|----------------|--|--|----------|----------|--|--|--|---------------------|
| <b>03</b> | <b>1200CST</b> |  |  |          |          |  |  |  |                     |
|           |                |  |  | <b>0</b> | <b>0</b> |  |  |  | <b>Funnel Cloud</b> |

A funnel cloud was observed by storm spotters at the intersection of State Roads 528 and 18.

**Smith County  
3 N Pineville**

|           |                |            |           |          |          |           |  |  |                     |
|-----------|----------------|------------|-----------|----------|----------|-----------|--|--|---------------------|
| <b>03</b> | <b>1215CST</b> | <b>0.5</b> | <b>50</b> |          |          |           |  |  |                     |
|           |                |            |           | <b>0</b> | <b>0</b> | <b>3K</b> |  |  | <b>Tornado (F0)</b> |

Several eyewitness reports indicate that a tornado briefly touched down in a wooded area about 3 miles north of Pineville. Several trees were blown down by the storm, with no other property damage noted.

**Scott County  
6 S Forest**

|           |                |            |           |          |          |           |  |  |                     |
|-----------|----------------|------------|-----------|----------|----------|-----------|--|--|---------------------|
| <b>03</b> | <b>1230CST</b> | <b>0.5</b> | <b>50</b> |          |          |           |  |  |                     |
|           |                |            |           | <b>0</b> | <b>0</b> | <b>3K</b> |  |  | <b>Tornado (F0)</b> |



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### MISSISSIPPI, Central

A tornado briefly touched down about 6 miles south of Forest, knocking down several trees in the area. No other property damage was noted. This storm was associated with the same mesocyclone which produced the tornado in Smith County 10 minutes earlier

#### **Covington County Countywide**

|    |         |  |  |  |   |   |    |  |                          |
|----|---------|--|--|--|---|---|----|--|--------------------------|
| 03 | 1315CST |  |  |  | 0 | 0 | 3K |  | <b>Thunderstorm Wind</b> |
|----|---------|--|--|--|---|---|----|--|--------------------------|

High winds associated with a severe thunderstorm blew down numerous trees across the county.

#### **Smith County Raleigh**

|    |         |  |  |  |   |   |  |  |                     |
|----|---------|--|--|--|---|---|--|--|---------------------|
| 03 | 1320CST |  |  |  | 0 | 0 |  |  | <b>Funnel Cloud</b> |
|----|---------|--|--|--|---|---|--|--|---------------------|

A funnel cloud was observed 200-300 feet above the ground over the Emergency Manager's office. The funnel cloud never touched the ground.

#### **Scott County 5 W Morton**

|    |         |  |  |  |   |   |  |  |                     |
|----|---------|--|--|--|---|---|--|--|---------------------|
| 03 | 1355CST |  |  |  | 0 | 0 |  |  | <b>Funnel Cloud</b> |
|----|---------|--|--|--|---|---|--|--|---------------------|

A funnel cloud was observed near the Scott/Rankin County line near US 80.

#### **Smith County 6 S Polkville**

|    |         |  |     |    |   |   |    |  |                     |
|----|---------|--|-----|----|---|---|----|--|---------------------|
| 03 | 1413CST |  | 0.5 | 50 | 0 | 0 | 3K |  | <b>Tornado (F0)</b> |
|----|---------|--|-----|----|---|---|----|--|---------------------|

A National Weather Service survey team found trees down in Northwest Smith County, about 6 miles south of Polkville. The tops of several trees were also snapped off. No other property damage was noted.

#### **Scott County 7 S Morton**

|    |         |  |     |    |   |   |    |  |                     |
|----|---------|--|-----|----|---|---|----|--|---------------------|
| 03 | 1422CST |  | 0.5 | 50 | 0 | 0 | 1K |  | <b>Tornado (F0)</b> |
|----|---------|--|-----|----|---|---|----|--|---------------------|

A National Weather Service survey found a few trees down in southwest Scott County about 7 miles south of Morton. There had also been a public sighting of this tornado which was produced by the same mesocyclone that generated the tornado in northwest Smith County a few minutes earlier.

#### **Smith County 3 NE Raleigh**

|    |                    |  |   |     |   |   |    |  |                     |
|----|--------------------|--|---|-----|---|---|----|--|---------------------|
| 03 | 1459CST<br>1501CST |  | 1 | 150 | 0 | 0 | 5K |  | <b>Tornado (F1)</b> |
|----|--------------------|--|---|-----|---|---|----|--|---------------------|

A National Weather Service Survey discovered at least 20 trees down in northern Smith County about 3 miles northeast of Raleigh. Some of the trees destroyed were quite large, including two which were located on the edge of a cemetery near a small church. Other structures at the cemetery were east of the damage path and were undamaged.

#### **Leake County Madden**

|    |         |  |  |  |   |   |  |  |                     |
|----|---------|--|--|--|---|---|--|--|---------------------|
| 03 | 1720CST |  |  |  | 0 | 0 |  |  | <b>Funnel Cloud</b> |
|----|---------|--|--|--|---|---|--|--|---------------------|

A funnel cloud was observed along SR 488 in Madden.

#### **Attala County Countywide**

|    |         |  |  |  |   |   |      |  |                          |
|----|---------|--|--|--|---|---|------|--|--------------------------|
| 03 | 1845CST |  |  |  | 0 | 0 | 2.5K |  | <b>Thunderstorm Wind</b> |
|----|---------|--|--|--|---|---|------|--|--------------------------|

Several trees and powerlines were blown down across the county.

#### **Bolivar County Cleveland**

|    |                    |  |  |  |   |   |      |  |                    |
|----|--------------------|--|--|--|---|---|------|--|--------------------|
| 10 | 0630CST<br>0800CST |  |  |  | 0 | 0 | 1.5K |  | <b>Flash Flood</b> |
|----|--------------------|--|--|--|---|---|------|--|--------------------|

Heavy rainfall resulted in street flooding in the city.

#### **Clarke County Enterprise**

|    |                    |  |  |  |   |   |    |  |                    |
|----|--------------------|--|--|--|---|---|----|--|--------------------|
| 28 | 1850CST<br>2130CST |  |  |  | 0 | 0 | 2K |  | <b>Flash Flood</b> |
|----|--------------------|--|--|--|---|---|----|--|--------------------|

Heavy rainfall resulted in street flooding within the city.

#### **Marion County 8 N Morgantown**

|    |         |  |  |  |   |   |     |  |                          |
|----|---------|--|--|--|---|---|-----|--|--------------------------|
| 29 | 0720CST |  |  |  | 0 | 0 | 10K |  | <b>Thunderstorm Wind</b> |
|----|---------|--|--|--|---|---|-----|--|--------------------------|

Strong thunderstorm winds knocked down numerous trees down in the area. The trees also blocked several roads across the northern part of the county.