



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 1999

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

### TEXAS, Central Southeast

#### Walker County

|                                       |    |                    |     |    |   |   |      |  |                     |
|---------------------------------------|----|--------------------|-----|----|---|---|------|--|---------------------|
| 3 NE Huntsville to<br>5 NE Huntsville | 01 | 1300CST<br>1310CST | 2.5 | 75 | 0 | 7 | 125K |  | <b>Tornado (F1)</b> |
|---------------------------------------|----|--------------------|-----|----|---|---|------|--|---------------------|

Tornado touchdown in the Acres Hills subdivision just NE of Huntsville. One mobile home completely destroyed. Three people inside escaped with fairly minor injuries (cuts and abrasions, separated shoulder). A large oak tree bisected another trailer down the road pinning the resident who was later Life Flighted to Houston and had a broken leg and ankle, and a collapsed lung. Three other residents sustained minor injuries (lacerations, etc). Numerous trees and roof damage was noted throughout the remainder of the subdivision.

#### Walker County

|                 |    |         |  |  |   |   |     |  |                          |
|-----------------|----|---------|--|--|---|---|-----|--|--------------------------|
| 5 SE Huntsville | 01 | 1305CST |  |  | 0 | 0 | 74K |  | <b>Thunderstorm Wind</b> |
|-----------------|----|---------|--|--|---|---|-----|--|--------------------------|

Medium sized oak tree uprooted and fell on mobile home. Uncompleted home framework collapsed.

#### Walker County

|           |    |                    |     |    |   |   |     |  |                     |
|-----------|----|--------------------|-----|----|---|---|-----|--|---------------------|
| Riverside | 01 | 1323CST<br>1324CST | 0.3 | 25 | 0 | 1 | 10K |  | <b>Tornado (F0)</b> |
|-----------|----|--------------------|-----|----|---|---|-----|--|---------------------|

Brief tornado touchdown in the Hickory Hills subdivision caused barn damage and one unconfirmed injury.

#### Trinity County

|                                |    |                    |   |     |   |   |      |  |                     |
|--------------------------------|----|--------------------|---|-----|---|---|------|--|---------------------|
| 7 S Trinity to<br>12 S Trinity | 01 | 1341CST<br>1347CST | 5 | 500 | 0 | 0 | 750K |  | <b>Tornado (F2)</b> |
|--------------------------------|----|--------------------|---|-----|---|---|------|--|---------------------|

Funnel reported over the Trinity River bridge. Storm abruptly took a right turn along the eastern shore of Lake Livingston. Tornado touched down 7 miles south of Trinity. Effected Timber Bay, Whiterock Estates, Azteck Cove and Timber Cove subdivisions. Major damage caused by trees falling on residences/vehicles. Strongest damage (and not necessarily caused by falling trees) occurred at Whiterock Estates. Resident in Timber Bay (where the first touchdown occurred) had anemometer that clocked 110 mph winds before it was blown away. Mostly F1 damage with F2 damage in Whiterock Estates.

#### Trinity County

|          |    |         |  |  |   |   |    |  |                    |
|----------|----|---------|--|--|---|---|----|--|--------------------|
| Groveton | 01 | 1408CST |  |  | 0 | 0 | 5K |  | <b>Hail (0.75)</b> |
|----------|----|---------|--|--|---|---|----|--|--------------------|

#### Trinity County

|          |    |                    |     |    |   |   |     |  |                     |
|----------|----|--------------------|-----|----|---|---|-----|--|---------------------|
| Groveton | 01 | 1408CST<br>1410CST | 0.5 | 50 | 0 | 0 | 40K |  | <b>Tornado (F0)</b> |
|----------|----|--------------------|-----|----|---|---|-----|--|---------------------|

DPS & sheriff reported around 20 homes and 30 mobile homes damaged from falling trees in Groveton.

#### Montgomery County

|                           |    |         |   |    |   |   |     |  |                     |
|---------------------------|----|---------|---|----|---|---|-----|--|---------------------|
| Porter to<br>5 E Splendor | 01 | 2233CST | 8 | 75 | 0 | 0 | 75K |  | <b>Tornado (F1)</b> |
|---------------------------|----|---------|---|----|---|---|-----|--|---------------------|

Tornado touched down from Live Oak Estates (Porter area) to near Splendor. Moderate house damage and trees down throughout the area.

#### Harris County

|         |    |         |  |  |   |   |    |  |                    |
|---------|----|---------|--|--|---|---|----|--|--------------------|
| Webster | 01 | 2249CST |  |  | 0 | 0 | 3K |  | <b>Hail (0.75)</b> |
|---------|----|---------|--|--|---|---|----|--|--------------------|

#### Harris County

|         |    |                    |  |  |   |   |    |  |                    |
|---------|----|--------------------|--|--|---|---|----|--|--------------------|
| Houston | 01 | 2324CST<br>2334CST |  |  | 0 | 0 | 5K |  | <b>Hail (0.75)</b> |
|---------|----|--------------------|--|--|---|---|----|--|--------------------|

Hail for 10 minutes in downtown Houston.

#### Harris County

|         |    |         |  |  |   |   |    |  |                                |
|---------|----|---------|--|--|---|---|----|--|--------------------------------|
| Houston | 01 | 2324CST |  |  | 0 | 0 | 5K |  | <b>Thunderstorm Wind (G52)</b> |
|---------|----|---------|--|--|---|---|----|--|--------------------------------|

60 mph gusts in downtown Houston.

#### Liberty County

|                                 |    |                    |   |     |   |   |      |  |                     |
|---------------------------------|----|--------------------|---|-----|---|---|------|--|---------------------|
| 12 ESE Devers to<br>10 E Devers | 01 | 2340CST<br>2345CST | 4 | 100 | 0 | 0 | 175K |  | <b>Tornado (F2)</b> |
|---------------------------------|----|--------------------|---|-----|---|---|------|--|---------------------|

The tornado appeared to have formed just on the other side of a canal in the Dunning's Farm area. At this point three large houses were completely destroyed with widespread tree damage. The tornado moved NE and dragged heavy farm tractors (approximately 50000 lbs) over 10 to 15 feet. The tornado moved across a wide open field and crossed into Jefferson county.

#### Galveston County

|           |    |                    |     |    |   |   |     |  |                     |
|-----------|----|--------------------|-----|----|---|---|-----|--|---------------------|
| Gilchrist | 02 | 0020CST<br>0022CST | 0.5 | 75 | 0 | 0 | 35K |  | <b>Tornado (F1)</b> |
|-----------|----|--------------------|-----|----|---|---|-----|--|---------------------|

The initial touchdown occurred just off Hwy 87 at the intersection of Car Street and Featherstone Street where it ripped off the roof of a dilapidated house. In addition, a motorized boat was tossed from this location and found approximately 150 to 200 feet (from interview with resident) down the street. Numerous pieces of wood were embedded into the ground. Street signs were also downed by high winds.

#### Liberty County

|            |    |         |  |  |   |   |     |  |                          |
|------------|----|---------|--|--|---|---|-----|--|--------------------------|
| Countywide | 02 | 0020CST |  |  | 0 | 0 | 15K |  | <b>Thunderstorm Wind</b> |
|------------|----|---------|--|--|---|---|-----|--|--------------------------|



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

### TEXAS, Central Southeast

Numerous trees blown down across the entire county.

#### **Galveston County**

|                      |           |                            |            |           |          |          |            |  |                     |
|----------------------|-----------|----------------------------|------------|-----------|----------|----------|------------|--|---------------------|
| <b>1 N Gilchrist</b> | <b>02</b> | <b>0026CST<br/>0027CST</b> | <b>0.3</b> | <b>75</b> | <b>0</b> | <b>0</b> | <b>25K</b> |  | <b>Tornado (F0)</b> |
|----------------------|-----------|----------------------------|------------|-----------|----------|----------|------------|--|---------------------|

The initial touchdown was near the beach where it partially destroyed a beach home on stilts and a moderate sized radio tower. The most significant damage occurred to a house where approximately 100 windows were blown out. In addition high winds rolled a motor home about 10 feet.

#### **Harris County**

|                |           |                |  |  |          |          |           |  |                    |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Houston</b> | <b>13</b> | <b>1636CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Hail (0.75)</b> |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|

Hail at Beltway 8 & Telephone Rd.

#### **Burleson County**

|                      |           |                |  |  |          |          |            |  |                    |
|----------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|
| <b>1 N Chriesman</b> | <b>22</b> | <b>0215CST</b> |  |  | <b>0</b> | <b>0</b> | <b>15K</b> |  | <b>Hail (1.75)</b> |
|----------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|

Golfball hail along northern portion of county bordering Milam County line.

#### **Burleson County**

|                 |           |                |  |  |          |          |           |  |                    |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Caldwell</b> | <b>22</b> | <b>0230CST</b> |  |  | <b>0</b> | <b>0</b> | <b>4K</b> |  | <b>Hail (0.75)</b> |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|

Damage to shutters and a pickup.

#### **Brazos County**

|                        |           |                            |  |  |          |          |            |  |                    |
|------------------------|-----------|----------------------------|--|--|----------|----------|------------|--|--------------------|
| <b>College Station</b> | <b>22</b> | <b>0310CST<br/>0315CST</b> |  |  | <b>0</b> | <b>0</b> | <b>10M</b> |  | <b>Hail (4.50)</b> |
|------------------------|-----------|----------------------------|--|--|----------|----------|------------|--|--------------------|

Golfball size hail was dominate across the Bryan/College Station area, however, there were also softball sized hail mixed in. Widespread damage to windows, cars, and roofs.

#### **Brazos County**

|                 |           |                |  |  |          |          |           |  |                    |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Millican</b> | <b>22</b> | <b>0434CST</b> |  |  | <b>0</b> | <b>0</b> | <b>3K</b> |  | <b>Hail (0.75)</b> |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|

#### **Grimes County**

|                     |           |                |  |  |          |          |            |  |                    |
|---------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|
| <b>2 NNE Bedias</b> | <b>22</b> | <b>0506CST</b> |  |  | <b>0</b> | <b>0</b> | <b>15K</b> |  | <b>Hail (1.75)</b> |
|---------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|

#### **Walker County**

|                       |           |                |  |  |          |          |            |  |                    |
|-----------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|
| <b>Crabbs Prairie</b> | <b>22</b> | <b>0530CST</b> |  |  | <b>0</b> | <b>0</b> | <b>15K</b> |  | <b>Hail (1.75)</b> |
|-----------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|

#### **Polk County**

|                 |           |                |  |  |          |          |            |  |                    |
|-----------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|
| <b>Corrigan</b> | <b>22</b> | <b>0545CST</b> |  |  | <b>0</b> | <b>0</b> | <b>15K</b> |  | <b>Hail (1.75)</b> |
|-----------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|

#### **Liberty County**

|                  |           |                |  |  |          |          |           |  |                    |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Cleveland</b> | <b>22</b> | <b>0757CST</b> |  |  | <b>0</b> | <b>0</b> | <b>4K</b> |  | <b>Hail (0.75)</b> |
|------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|

#### **San Jacinto County**

|                       |           |                |  |  |          |          |           |  |                    |
|-----------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>2 WSW Shepherd</b> | <b>22</b> | <b>0811CST</b> |  |  | <b>0</b> | <b>0</b> | <b>7K</b> |  | <b>Hail (1.25)</b> |
|-----------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|

#### **Houston County**

|                   |           |                            |  |  |          |          |           |  |                    |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Countywide</b> | <b>29</b> | <b>0442CST<br/>0805CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Flash Flood</b> |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|

Minor street flooding countywide.

#### **Houston County**

|                   |           |                            |  |  |          |          |           |  |                    |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Countywide</b> | <b>29</b> | <b>0832CST<br/>1430CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Flash Flood</b> |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|

Many roads flooded across the county. Road closures include: FM 229, HWY 70, and HWY 75.

#### **Trinity County**

|                   |           |                            |  |  |          |          |           |  |                    |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Countywide</b> | <b>29</b> | <b>1020CST<br/>1125CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Flash Flood</b> |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|

High water reported on HWY 19, HWY 94, and FM 287.

#### **San Jacinto County**

|                      |           |                            |  |  |          |          |           |  |                    |
|----------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|
| <b>North Portion</b> | <b>29</b> | <b>1100CST<br/>1300CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Flash Flood</b> |
|----------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|

Some roads flooded across northern portions of the area.

#### **Walker County**

|                   |           |                            |  |  |          |          |           |  |                    |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Countywide</b> | <b>29</b> | <b>1200CST<br/>1315CST</b> |  |  | <b>0</b> | <b>0</b> | <b>5K</b> |  | <b>Flash Flood</b> |
|-------------------|-----------|----------------------------|--|--|----------|----------|-----------|--|--------------------|

FM 230 closed due to high water. Minor street flooding across the remainder of the county.



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

**TEXAS, Central Southeast**

**Burleson County**

|                 |           |                |  |  |          |          |           |  |                    |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|
| <b>Caldwell</b> | <b>29</b> | <b>1700CST</b> |  |  | <b>0</b> | <b>0</b> | <b>4K</b> |  | <b>Hail (0.75)</b> |
|-----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------|