

Storm Data and Unusual Weather Phenomena - March 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths & Injuries</u>	<u>Property & Crop Dmg</u>	<u>Event Type and Details</u>
GULF OF MEXICO				
MATAGORDA BAY COUNTY				
PALACIOS	03/12/07 03:13 CST	0	0	Marine Thunderstorm Wind (MG 49 kt)
	03/12/07 03:13 CST	0	0	28.72N, 96.25W
Measured at PSX ASOS.				
GALVESTON BAY COUNTY				
11.8 ENE WEST BAY	03/12/07 05:26 CST	0	0	Marine Thunderstorm Wind (MG 48 kt)
	03/12/07 05:26 CST	0	0	29.19N, 94.98W
Measured at Jamaica Beach.				
GALVESTON BAY COUNTY				
NORTH JETTY	03/12/07 06:00 CST	0	0	Marine Thunderstorm Wind (MG 36 kt)
	03/12/07 06:00 CST	0	0	29.37N, 94.73W
Measured at North Jetty PORTS.				
GALVESTON BAY COUNTY				
EAGLE POINT	03/12/07 06:12 CST	0	0	Marine Thunderstorm Wind (MG 37 kt)
	03/12/07 06:12 CST	0	0	29.5N, 94.92W
Measured at Eagle Point PORTS.				
FREEPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY				
BUOY 42019	03/14/07 02:00 CST	0	0	Marine Thunderstorm Wind (MG 47 kt)
	03/14/07 02:00 CST	0	0	27.92N, 95.35W
Measured at Buoy 42019.				
GALVESTON BAY COUNTY				
NORTH JETTY	03/14/07 04:48 CST	0	0	Marine Thunderstorm Wind (MG 52 kt)
	03/14/07 04:48 CST	0	0	29.37N, 94.73W
Measured at North Jetty PORTS.				
GALVESTON BAY COUNTY				
EAGLE POINT	03/14/07 13:30 CST	0	0	Marine Thunderstorm Wind (MG 59 kt)
	03/14/07 13:30 CST	0	0	29.5N, 94.92W
Measured at Eagle Point PORTS.				
GALVESTON BAY COUNTY				
MORGANS POINT	03/14/07 15:54 CST	0	0	Marine Thunderstorm Wind (MG 38 kt)
	03/14/07 15:54 CST	0	0	29.68N, 94.98W
Measured at Morgans Point PORTS				
GALVESTON BAY COUNTY				
EAGLE POINT	03/14/07 16:12 CST	0	0	Marine Thunderstorm Wind (MG 51 kt)
	03/14/07 16:12 CST	0	0	29.5N, 94.92W
Measured at eAGLE Point PORTS				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY				
NORTH JETTY	03/14/07 16:48 CST	0	0	Marine Thunderstorm Wind (MG 52 kt)
	03/14/07 16:48 CST	0	0	29.37N, 94.73W
Measured at North Jetty PORTS.				

A nearly-stationary upper-level low positioned over western Texas created an environment conducive to three distinct severe weather

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episodes over eastern Texas. Monday morning's (3/12) fast-moving squall line was initiated from a shortwave rounding the base of the upper low. Tuesday's (3/13) scattered convection was a second shortwave riding up from the west southwest around the still quasi-stationary upper low. Wednesday's (3/14) events stemmed from the upper-low moving eastward over the region into Louisiana.

HIGH IS TO FREEPORT TX OUT 20NM COUNTY

SOUTH JETTY	03/31/07 08:00 CST	0	0	Marine Thunderstorm Wind (MG 35 kt)
	03/31/07 08:01 CST	0	0	29.33N, 94.7W

Measured at South Jetty PORTS.

GALVESTON BAY COUNTY

EAGLE POINT	03/31/07 08:15 CST	0	0	Marine Thunderstorm Wind (MG 35 kt)
	03/31/07 08:16 CST	0	0	29.5N, 94.92W

Measured at Eagle Point PORTS.

HIGH IS TO FREEPORT TX OUT 20NM COUNTY

SOUTH JETTY	03/31/07 09:00 CST	0	0	Marine Thunderstorm Wind (MG 43 kt)
	03/31/07 09:01 CST	0	0	29.33N, 94.7W

Measured at South Jetty PORTS.

Back-building areas of heavy rain with isolated thunderstorms from northeastern Texas traveled southwest across Galveston Bay. Strong winds just off the ground were transferred to surface as these storms moved across Galveston Bay and into the nearshore waters.

TEXAS, Central Southeast

COLORADO COUNTY

WEIMAR	03/12/07 02:25 CST	0	60K	Thunderstorm Wind (EG 52 kt)
	03/12/07 02:28 CST	0	0	29.7N, 96.78W

Approximately four homes received roof damage with debris in some homes. A baby was injured by flying glass when a tree fell into the baby's bedroom window. Minor structural damage to downtown businesses and trees.

WHARTON COUNTY

BOLING	03/12/07 03:20 CST	0	18K	Thunderstorm Wind (EG 43 kt)
	03/12/07 03:23 CST	0	0	29.27N, 95.95W

Damage to several smaller shed structures with significant damage to one large shed-barn structure. Minor damage to a local ball park's grandstand metal roofing.

AUSTIN COUNTY

1.5 SSE BUCKHORN	03/12/07 03:30 CST	0	1K	Thunderstorm Wind (EG 48 kt)
	03/12/07 03:32 CST	0	0	30.0098N, 96.1904W

A couple of smaller trees down across road 6 miles NE of Bellville.

FORT BEND COUNTY

NEEDVILLE	03/12/07 03:30 CST	0	45K	Thunderstorm Wind (EG 52 kt)
	03/12/07 03:35 CST	0	0	29.4N, 95.83W

Couple of trees downed in and around Needville, one down on Violet Street and another at the SPJST Hall. Minor structural damage at Needville City Hall and tin roof damage to a business just north of Needville. Damage also reported to a rice dryer. A bank across Highway 36 received minor damage from the rice dryer's debris.

FORT BEND COUNTY

0.6 W NEEDVILLE	03/12/07 03:40 CST	0	5K	Thunderstorm Wind (EG 50 kt)
	03/12/07 03:41 CST	0	0	29.4N, 95.84W

A barn roof blown off in Needville off of Paden Road.

WHARTON COUNTY

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EL CAMPO	03/12/07 03:40 CST	0	8K	Thunderstorm Wind (EG 50 kt)
	03/12/07 03:40 CST	0	0	29.2N, 96.28W
Large tree down across a small residential porch structure.				
WHARTON COUNTY				
3.0 SW DANEVANG	03/12/07 03:45 CST	0	3K	Thunderstorm Wind (EG 50 kt)
	03/12/07 03:47 CST	0	0	29.0393N, 96.2551W
Damage to large barn's metal roofing off of CR 434.				
HARRIS COUNTY				
1.5 NNE HOUSTON HGTS	03/12/07 04:08 CST	0	10K	Hail (1.00 in)
	03/12/07 04:10 CST	0	0	29.7702N, 95.3904W
Quarter size hail at Interstate 10 and Studemont.				
BRAZORIA COUNTY				
3.1 WSW BAILEY PRAIRIE	03/12/07 04:28 CST	0	35K	Hail (2.50 in)
	03/12/07 04:30 CST	0	0	29.1328N, 95.5674W
Quarter to tennis ball size hail between Lake Jackson and Sweeny.				
BRAZORIA COUNTY				
BRAZORIA	03/12/07 04:30 CST	0	0.20M	Hail (2.25 in)
	03/12/07 04:35 CST	0	0	29.05N, 95.58W
Residence damaged by near racquetball-size hail. Damage to home's front windows and screens with damage to 2 vehicles in yard. Roof damage to a city facility. 43 vehicle windshields were shattered with back windshield damage to 3 other vehicles at a local automotive dealership. Damage reported to two other businesses in the town of Brazoria with reports of damage to a few residential homes.				
HARRIS COUNTY				
3.0 S BELLAIRE	03/12/07 04:30 CST	0	45K	Thunderstorm Wind (EG 65 kt)
	03/12/07 04:33 CST	0	0	29.6566N, 95.48W
Piper's Crossing Apartments was damaged by straight line winds stripping a portion of a brick facade off. This brick facing damaged a few vehicles in the parking lot.				
HARRIS COUNTY				
KATY	03/13/07 20:18 CST	0	3K	Hail (0.88 in)
	03/13/07 20:20 CST	0	0	29.8N, 95.8W
Nickel size hail at the Fry Road and Sun Glenn Blvd intersection.				
HARRIS COUNTY				
1.5 NNE HOUSTON HGTS	03/13/07 21:09 CST	0	15K	Thunderstorm Wind (EG 52 kt)
	03/13/07 21:09 CST	0	0	29.7702N, 95.3904W
Wind gust in the FM 1960 area near Houston International Airport.				
AUSTIN COUNTY				
2.0 SW WALLIS	03/14/07 04:30 CST	0	25K	Thunderstorm Wind (EG 58 kt)
	03/14/07 04:30 CST	0	0	29.5996N, 96.0935W
Numerous cedar trees downed around home with a mobile trailer flipped over. Roof blown off a horse barn with minor damage to surrounding small structures off of Highway 60.				
BRAZORIA COUNTY				
ANGLETON	03/14/07 10:00 CST	0	5K	Hail (0.75 in)
	03/14/07 10:02 CST	0	0	29.17N, 95.43W
Penny size hail.				
WASHINGTON COUNTY				

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BURTON	03/14/07 10:47 CST	0	3K	Hail (0.88 in)
	03/14/07 10:49 CST	0	0	30.18N, 96.6W
Nickel size hail.				
WALLER COUNTY				
0.7 S HEMPSTEAD	03/14/07 11:25 CST	0	3K	Hail (0.88 in)
	03/14/07 11:27 CST	0	0	30.09N, 96.08W
Nickel size hail.				
WASHINGTON COUNTY				
BRENHAM	03/14/07 11:50 CST	0	9K	Flash Flood (due to Heavy Rain)
	03/14/07 18:30 CST	0	0	30.17N, 96.4W
Numerous county-wide roads and some downtown Brenham streets were closed due to flooding. FM 1155 at New Years Creek and a portion of FM 2935 were closed due to high water. Some of these roadways were closed due to high water over them through Wednesday evening.				
FORT BEND COUNTY				
1.4 ENE FULSHEAR	03/14/07 12:45 CST	0	12K	Hail (1.00 in)
	03/14/07 12:47 CST	0	0	29.6877N, 95.8786W
Quarter size hail.				
FORT BEND COUNTY				
4.9 E FULSHEAR	03/14/07 12:45 CST	0	6K	Hail (0.75 in)
	03/14/07 12:46 CST	0	0	29.68N, 95.8191W
Penny size hail.				
GALVESTON COUNTY				
4.7 WNW LEAGUE CITY S S ARPT	03/14/07 13:14 CST	0	8K	Hail (0.75 in)
	03/14/07 13:16 CST	0	0	29.506N, 95.2021W
Penny size hail.				
FORT BEND COUNTY				
3.7 NNE RICHMOND	03/14/07 13:15 CST	0	5K	Hail (0.75 in)
	03/14/07 13:16 CST	0	0	29.6289N, 95.7267W
Penny size hail.				
HARRIS COUNTY				
0.7 N DUMONT	03/14/07 14:00 CST	0	15K	Hail (0.75 in)
	03/14/07 14:04 CST	0	0	29.66N, 95.23W
Penny size hail.				
HARRIS COUNTY				
2.0 SE SOUTH SIDE PLACE	03/14/07 15:20 CST	0	0	Thunderstorm Wind (EG 52 kt)
	03/14/07 15:20 CST	0	0	29.6996N, 95.4265W
Wind gust estimated at Reliant Stadium.				
HARRIS COUNTY				
2.2 NNE PIERCE JCT	03/14/07 15:48 CST	0	15K	Hail (0.75 in)
	03/14/07 15:53 CST	0	0	29.6989N, 95.3862W
Penny size hail around the University of Houston and further south around Hobby Airport.				
GALVESTON COUNTY				
0.9 SW LEAGUE CITY	03/14/07 16:05 CST	0	30K	Thunderstorm Wind (EG 52 kt)
	03/14/07 16:07 CST	0	0	29.4906N, 95.1108W

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GALVESTON COUNTY				
1.8 SW DICKINSON	03/14/07 16:15 CST	0	12K	Thunderstorm Wind (EG 52 kt)
	03/14/07 16:15 CST	0	0	29.4513N, 95.0715W
Wind gust estimated in southeast Dickinson.				
A nearly-stationary upper-level low positioned over western Texas created an environment conducive to three distinct severe weather episodes over eastern Texas. Monday morning's (3/12) fast-moving squall line was initiated from a shortwave rounding the base of the upper low. Tuesday's (3/13) scattered convection was a second shortwave riding up from the west southwest around the still quasi-stationary upper low. Wednesday's (3/14) events stemmed from the upper-low moving eastward over the region into Louisiana.				
COLORADO COUNTY				
ROCK IS	03/31/07 04:27 CST	0	3K	Thunderstorm Wind (EG 57 kt)
	03/31/07 04:28 CST	0	0	29.53N, 96.58W
A couple of mid-sized oak trees down.				
WHARTON COUNTY				
EGYPT	03/31/07 04:45 CST	0	1K	Hail (0.88 in)
	03/31/07 04:46 CST	0	0	29.4N, 96.25W
Nickel-size hail.				
WHARTON COUNTY				
WHARTON	03/31/07 05:04 CST	0	1K	Hail (0.88 in)
	03/31/07 05:05 CST	0	0	29.32N, 96.1W
Nickel-size hail.				
WHARTON COUNTY				
2.0 ESE WHARTON	03/31/07 05:05 CST	0	5K	Thunderstorm Wind (EG 52 kt)
	03/31/07 05:05 CST	0	0	29.3089N, 96.0694W
Tree down on a home.				
FORT BEND COUNTY				
FULSHEAR	03/31/07 05:10 CST	0	1K	Thunderstorm Wind (EG 52 kt)
	03/31/07 05:11 CST	0	0	29.68N, 95.9W
Tree down.				
FORT BEND COUNTY				
NEEDVILLE	03/31/07 05:15 CST	0	1K	Hail (0.75 in)
	03/31/07 05:16 CST	0	0	29.4N, 95.83W
Penny-size hail.				
FORT BEND COUNTY				
RICHMOND	03/31/07 05:15 CST	0	1K	Hail (0.75 in)
	03/31/07 05:16 CST	0	0	29.58N, 95.75W
Penny-size hail.				
FORT BEND COUNTY				
RICHMOND	03/31/07 05:15 CST	0	1K	Thunderstorm Wind (EG 52 kt)
	03/31/07 05:16 CST	0	0	29.58N, 95.75W
Tree down.				
FORT BEND COUNTY				

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3.0 N SUGARLAND	03/31/07 05:30 CST	0	0	Thunderstorm Wind (EG 52 kt)
	03/31/07 05:31 CST	0	0	29.6634N, 95.63W

Occurred in Mission Bend area.

HARRIS COUNTY

HOUSTON	03/31/07 05:30 CST	0	0.20M	Thunderstorm Wind (EG 59 kt)
	03/31/07 05:40 CST	0	0	29.73N, 95.37W

Damage in and around the Houston area from this squall line included trees down (several on vehicles), fences damaged and extensive roof damage to several area businesses and apartments.

GALVESTON COUNTY

TEXAS CITY	03/31/07 09:30 CST	0	30K	Lightning
	03/31/07 09:30 CST	0	0	29.4N, 94.9W

Lightning strike started a fire that caused moderate damage to a home.

A pre-frontal trough well ahead of a central Texas cold front slowed as it approached the coastal counties. This boundary became the focus for severe thunderstorms along the coast and neighboring inland counties.