

Storm Data and Unusual Weather Phenomena - February 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GULF OF MEXICO				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 25.0 WSW SARGENT [28.59, -95.98]				
	02/14/17 09:08 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	02/14/17 09:08 CST	0		Source: Mesonet
Wind gust was measured at WeatherFlow site XMGB.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.8 ESE FREEPORT [28.93, -95.29]				
	02/14/17 09:41 CST	0		Marine Thunderstorm Wind (MG 46 kt)
	02/14/17 09:41 CST	0		Source: Mesonet
Wind gust was measured at Surfside Beach WeatherFlow site XSRF.				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 32.2 S SARGENT [28.31, -95.62]				
	02/14/17 10:00 CST	0		Marine Thunderstorm Wind (MG 48 kt)
	02/14/17 10:00 CST	0		Source: Mesonet
Wind gust was measured at offshore platform KBQX.				
GALVESTON BAY COUNTY --- 8.6 SSE TEXAS CITY [29.28, -94.86]				
	02/14/17 10:33 CST	0		Waterspout
	02/14/17 10:33 CST	0		Source: Public
Waterspout sighted in Offatts Bayou near Scholes International Airport.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 8.1 NE NORTH JETTY [29.45, -94.64]				
	02/14/17 11:18 CST	0		Marine Thunderstorm Wind (MG 48 kt)
	02/14/17 11:18 CST	0		Source: Broadcast Media
Wind gust was measured in Crystal Beach.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 8.1 WSW BUOY 42035 [29.18, -94.52]				
	02/14/17 11:35 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	02/14/17 11:35 CST	0		Source: AWOS
Wind gust was measured at platform KXIH (High Island 179A).				
Marine thunderstorm wind gusts and a waterspout were produced by morning thunderstorms that developed as a storm system moved eastward across Texas.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.8 ESE FREEPORT [28.93, -95.29]				
	02/17/17 15:06 CST	0		Marine Thunderstorm Wind (MG 38 kt)
	02/17/17 15:06 CST	0		Source: Mesonet
Wind gust was measured at Surfside Beach WeatherFlow site XSFR.				
GALVESTON BAY COUNTY --- 0.8 ENE EAGLE POINT [29.50, -94.91]				
	02/17/17 16:01 CST	0		Waterspout
	02/17/17 16:03 CST	0		Source: Emergency Manager
A funnel cloud in the San Leon area became a short-lived waterspout when it moved into Galveston Bay.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- NORTH JETTY [29.37, -94.73]				
	02/17/17 17:18 CST	0		Marine Thunderstorm Wind (MG 43 kt)
	02/17/17 17:18 CST	0		Source: Mesonet
Wind gust was measured at Galveston North Jetty PORTS site.				
Marine thunderstorm wind gusts were observed from activity that developed from a southern plains storm system.				

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MATAGORDA BAY COUNTY --- PALACIOS [28.72, -96.25]				
	02/20/17 05:19 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	02/20/17 05:19 CST		0	Source: ASOS
Marine thunderstorm wind gust was measured at the PSX ASOS site.				
MATAGORDA BAY COUNTY --- 2.4 ENE PORT O'CONNOR [28.45, -96.40]				
	02/20/17 05:24 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	02/20/17 05:24 CST		0	Source: Mesonet
Wind gust was measured at the Port O'Connor TCOON site.				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 49.0 WSW SARGENT [28.42, -96.33]				
	02/20/17 05:30 CST		0	Marine Thunderstorm Wind (MG 41 kt)
	02/20/17 05:30 CST		0	Source: Mesonet
Wind gust was measured at Matagorda Bay Entrance Channel COOPS site.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 9.6 NE NORTH JETTY [29.47, -94.62]				
	02/20/17 09:29 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	02/20/17 09:29 CST		0	Source: Mesonet
Wind gust was measured at WeatherFlow site XCRB.				
Marine thunderstorm wind gusts were generated from a line of showers and thunderstorms.				
TEXAS, Central Southeast				
WHARTON COUNTY --- 0.8 W EL CAMPO [29.20, -96.29]				
	02/14/17 07:35 CST		0	Thunderstorm Wind (EG 52 kt)
	02/14/17 07:35 CST		0	Source: Trained Spotter
Power lines were downed near the intersection of West Norris Street and West Loop Street.				
WHARTON COUNTY --- 0.7 ENE WHARTON JCT [29.33, -96.09], 1.3 ENE WHARTON JCT [29.34, -96.08]				
	02/14/17 07:40 CST		10K	Tornado (EF0, L: 1.00 mi , W: 200 yd)
	02/14/17 07:45 CST		0	Source: NWS Storm Survey
This EF-0 tornado touched just west of the intersection of North Richmond Street and Highway 59 Business along the north side of town and continued east for about a mile. A broad swath of uprooted and damaged trees and downed power lines around 200 yards in width continued to near County Road 135. Tree fall damage was mostly towards the west-northwest with a few along the left portion of the track falling towards the southeast in a convergent pattern. Nearly all the damage was along the right side of the track which is consistent with a fast moving, weak tornado. Separate swath of damage to homes and trees about 1 to 2 miles away near the Junior High School seemed more consistent with a microburst to the right of the tornado track. Estimated peak winds were 75 mph.				
MATAGORDA COUNTY --- 1.3 WSW VAN VLECK [29.02, -95.90], 0.5 ESE VAN VLECK [29.03, -95.87]				
	02/14/17 08:15 CST		0.90M	Tornado (EF1, L: 1.72 mi , W: 300 yd)
	02/14/17 08:20 CST	6	0	Source: NWS Employee
This EF-1 tornado touched down on the west side of Van Vleck and moved east - northeast through a residential area. It crossed Highway 35 and then dissipated soon after. There was significant damage to two houses, and there were also trunks of hardwood trees snapped. Estimated peak winds were 100 mph.				
FORT BEND COUNTY --- 0.8 NNE CRABB [29.54, -95.71], 0.9 ENE CRABB [29.53, -95.71]				
	02/14/17 08:21 CST		1M	Tornado (EF2, L: 0.68 mi , W: 300 yd)
	02/14/17 08:25 CST		0	Source: NWS Storm Survey

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<p>This EF-2 tornado's damage path began in the southern portion of Brazos Village on the north side of FM 762 where roofs suffered minor damage and fences were blown down. The path continued east southeastward across FM 762 with more significant damage in the northern portion of Bridlewood Estates. A large abandoned grain dryer was severely damaged and several large metal silos were completely destroyed . One house on the southeast side of the silos had sections of the roof completely removed on both the north and south facing sides. The tornado continued on an east southeast track across the subdivision. The most severe damage was to a large anchored garage which was completely destroyed with debris pushed off to the south southeast . A pickup truck in the driveway was moved and a car inside the garage was lifted and ended up on top of the debris pile . The house directly across the street suffered damage as the front porch and associated supports shifted with the anchored porch columns pushed inward toward the house . Windows were blown out and a wrought iron metal fence concreted into the ground was heavily damaged. Several other roofs in this stretch were damaged along with many fences and trees downed. Aerial drone footage showed well defined path but nonuniform damage. Eyewitnesses from just north of the grain dryer saw strong west to east winds ripping apart the structure but noted winds from north to south when looking west suggesting a large circulation. All features were rain wrapped. Estimated peak winds were 115 mph.</p>				
FORT BEND COUNTY --- 1.4 NE CRABB [29.54, -95.70], 1.7 ENE CRABB [29.54, -95.69]				
	02/14/17 08:27 CST		0.50M	Tornado (EF0, L: 0.60 mi , W: 30 yd)
	02/14/17 08:30 CST		0	Source: NWS Storm Survey
<p>This EF-0 tornado touched down on the west side of Crabb River Road about a mile north of FM 762 and then crossed Crabb River Road into the Tara subdivision where several homes suffered roof, fence and tree damage. Spotty roof and tree damage continued generally eastward across the entire subdivision and into the western section of Greatwood in a well defined path. Security footage from nearby Valasquez Elementary showed very strong shifting winds near the tornado. A police officer experienced very strong winds from the west, then the passage of the small tornado south of the school suggesting perhaps a satellite tornado on the southern flank of the larger circulation may have been responsible for the more significant damage. Estimated peak winds were 80 mph.</p>				
FORT BEND COUNTY --- 1.0 NNE STAFFORD [29.63, -95.57], 0.8 NE STAFFORD [29.63, -95.56]				
	02/14/17 08:34 CST		0.20M	Tornado (EF0, L: 0.40 mi , W: 200 yd)
	02/14/17 08:36 CST		0	Source: NWS Storm Survey
<p>This EF-0 tornado tracked southeastward through the northern part of Stafford and shattered windows in a business area just west of the intersection of FM 1092 and Mula Rd. A 400 pound AC unit was shifted on the roof. Numerous greenhouses were damaged at a nursery along FM 1092. Southeast of the nursery, metal storage buildings were damaged or destroyed. There was more spotty wind damage beyond the end of the more continuous track. An eyewitness observed swirling debris as the storm moved through. The shifting winds were also observed from a gas station security video. Estimated peak winds were 80 mph.</p>				
FORT BEND COUNTY --- 1.5 N SMADA [29.59, -95.58], 1.5 S STAFFORD [29.60, -95.57]				
	02/14/17 08:38 CST		0.15M	Tornado (EF0, L: 0.76 mi , W: 100 yd)
	02/14/17 08:41 CST		0	Source: NWS Storm Survey
<p>This EF-0 tornado touched down near Dulles Ave north of Lexington Park Elementary but did little damage to the surrounding subdivision . A better defined damage path was found to the northeast in Brightwood Estates with several homes suffering minor damage to roofs and fences along the southwest to northeast track. Two chimneys were ripped off houses. Numerous witnesses observed swirling debris. Estimated peak winds were 80 mph.</p>				
BRAZORIA COUNTY --- 2.9 WSW SWEENEY [29.04, -95.75], 1.6 W SWEENEY [29.05, -95.73]				
	02/14/17 08:40 CST		0.10M	Tornado (EF0, L: 1.49 mi , W: 150 yd)
	02/14/17 08:45 CST		0	Source: NWS Storm Survey
<p>This EF-0 tornado touched down along CR 321 and then dissipated near the intersection of FM 524 and CR 321. Damage was mainly to trees and power lines. Estimated peak winds were 75 mph.</p>				
HARRIS COUNTY --- 1.4 SE BELLAIRE JCT [29.71, -95.43]				
	02/14/17 08:55 CST		2K	Thunderstorm Wind (EG 50 kt)
	02/14/17 08:55 CST		0	Source: Public
<p>Thunderstorm winds downed fences around the 3700 Bellaire Blvd. area.</p>				
GALVESTON COUNTY --- 0.9 NE FLAKE [29.43, -94.69]				
	02/14/17 09:50 CST		4K	Thunderstorm Wind (EG 52 kt)
	02/14/17 09:50 CST		0	Source: Emergency Manager
<p>Six power poles were blown down near the intersection of Highway 87 and Helen Blvd.</p>				
GALVESTON COUNTY --- 1.4 WNW ALTA LOMA [29.38, -95.10]				
	02/14/17 09:57 CST		12K	Thunderstorm Wind (EG 53 kt)
	02/14/17 09:57 CST		0	Source: Emergency Manager

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A couple of trees were downed (one on a house) along Avenue I between 21st Street and 24th Street.

GALVESTON COUNTY --- 0.8 NE FLAKE [29.43, -94.69]

	02/14/17 11:00 CST		4K	Thunderstorm Wind (EG 53 kt)
	02/14/17 11:00 CST		0	Source: Emergency Manager

Power poles were snapped at Crenshaw Elementary School.

Several morning tornadoes developed as a storm system moved eastward across the state.

BRAZORIA COUNTY --- 1.8 W FREEPORT [28.95, -95.36]

	02/17/17 15:15 CST		0	Heavy Rain
	02/17/17 15:15 CST		0	Source: Trained Spotter

Some street flooding resulted from three inches of rain.

GALVESTON COUNTY --- SAN LEON [29.48, -94.92]

	02/17/17 16:00 CST		0	Funnel Cloud
	02/17/17 16:00 CST		0	Source: Emergency Manager

A funnel cloud that was sighted over the city became a waterspout when it moved into Galveston Bay.

Training showers and thunderstorms associated with a southern plains storm system generated some heavy rainfall and a funnel cloud.

BURLESON COUNTY --- 2.9 NNE DAVIDSON [30.51, -96.61]

	02/20/17 01:00 CST		0	Thunderstorm Wind (EG 52 kt)
	02/20/17 01:00 CST		1K	Source: Law Enforcement

A large tree was downed and blocked the road near the intersection of County Road 120 and FM 3058.

BURLESON COUNTY --- 3.7 NNE GUS [30.50, -96.83]

	02/20/17 01:00 CST		0	Thunderstorm Wind (EG 54 kt)
	02/20/17 01:00 CST		5K	Source: Law Enforcement

Large trees were downed and blocked parts of County Road 319.

HOUSTON COUNTY --- 2.4 N PORTER SPGS [31.30, -95.60]

	02/20/17 03:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	02/20/17 03:00 CST		4K	Source: Law Enforcement

Power lines and trees were downed along Highway 7 between Crockett and the county line.

Late night showers and thunderstorms produced some wind damage.