

Storm Data and Unusual Weather Phenomena - May 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GULF OF MEXICO				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 9.6 NE NORTH JETTY [29.47, -94.62]				
	05/05/22 20:42 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/05/22 20:42 CST	0		Source: Mesonet
Wind gust was measured at the Crab Lake WeatherFlow site.				
There was an evening marine thunderstorm wind gust.				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 25.0 WSW SARGENT [28.59, -95.98]				
	05/22/22 03:12 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/22/22 03:12 CST	0		Source: Mesonet
Wind gust was measured at the Matagorda Bay WeatherFlow site.				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 25.0 WSW SARGENT [28.59, -95.98]				
	05/22/22 03:22 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	05/22/22 03:22 CST	0		Source: Mesonet
Wind gust was measured at the Matagorda Bay WeatherFlow site.				
GALVESTON BAY COUNTY --- 0.4 SSE CLEAR LAKE [29.56, -95.07]				
	05/22/22 03:23 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	05/22/22 03:23 CST	0		Source: Mesonet
Wind gust was measured at the Clear Lake Park WeatherFlow site.				
GALVESTON BAY COUNTY --- 3.7 W EAGLE POINT [29.51, -94.98]				
	05/22/22 03:25 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/22/22 03:25 CST	0		Source: Mesonet
Wind gust was measured at the 2nd ST Bacliff Tempest Weather System site.				
GALVESTON BAY COUNTY --- 4.9 ESE CLEAR LAKE [29.53, -95.00]				
	05/22/22 03:25 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/22/22 03:25 CST	0		Source: Mesonet
Wind gust was measured at the Texas Yacht Club WeatherFlow site.				
GALVESTON BAY COUNTY --- 2.8 N EAGLE POINT [29.54, -94.91]				
	05/22/22 03:32 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	05/22/22 03:32 CST	0		Source: Mesonet
Wind gust was measured at the Galveston Bay WeatherFlow site.				
GALVESTON BAY COUNTY --- 1.7 NNE TEXAS CITY [29.42, -94.89]				
	05/22/22 03:48 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	05/22/22 03:48 CST	0		Source: Mesonet
Wind gust was measured at the Levee WeatherFlow site.				
FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 1.1 WSW FREEPORT [28.94, -95.35]				
	05/22/22 04:02 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/22/22 04:02 CST	0		Source: Mesonet
Wind gust was measured at the Freeport-Pine site.				
HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 3.4 SW GALVESTON [29.27, -94.86]				

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	05/22/22 04:04 CST		0	Marine Thunderstorm Wind (MG 48 kt)
	05/22/22 04:04 CST		0	Source: ASOS
Wind gust was measured at the KGLS ASOS site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 4.0 SSW GALVESTON [29.25, -94.85]				
	05/22/22 04:06 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/22/22 04:06 CST		0	Source: Mesonet
Wind gust was measured at the Galveston Fishing Pier WeatherFlow site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 9.6 NE NORTH JETTY [29.47, -94.62]				
	05/22/22 04:10 CST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/22/22 04:10 CST		0	Source: Mesonet
Wind gust was measured at the Crab Lake WeatherFlow site.				
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FREEPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY --- 31.8 NNW BUOY 42019 [28.31, -95.62]				
	05/22/22 04:15 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/22/22 04:15 CST		0	Source: AWOS
Wind gust was measured at the Brazos 538 AWOS site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.8 ESE FREEPORT [28.93, -95.29]				
	05/22/22 04:16 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/22/22 04:16 CST		0	Source: Mesonet
Wind gust was measured at the Surfside Beach WeatherFlow site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.4 ESE FREEPORT [28.94, -95.29]				
	05/22/22 04:18 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/22/22 04:18 CST		0	Source: Mesonet
Wind gust was measured at the Surfside North Jetty TAMU/TCOON site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- BUOY 42035 [29.23, -94.40]				
	05/22/22 05:10 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/22/22 05:10 CST		0	Source: Buoy
Wind gust was measured at Galveston Buoy 42035.				
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FREEPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY --- BUOY 42019 [27.92, -95.35]				
	05/22/22 05:20 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/22/22 05:20 CST		0	Source: Buoy
Wind gust was measured at Buoy 42019.				
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There were numerous late night through early morning marine thunderstorm wind gusts.				
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FREEPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY --- BUOY 42019 [27.92, -95.35]				
	05/24/22 07:00 CST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/24/22 07:00 CST		0	Source: Buoy
Wind gust was measured at the Buoy 42019.				
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FREEPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY --- 31.8 NNW BUOY 42019 [28.31, -95.62]				
	05/24/22 07:55 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/24/22 07:55 CST		0	Source: AWOS
Wind gust was measured at the Brazos 538 platform.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.8 ESE FREEPORT [28.93, -95.29]				

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	05/24/22 08:31 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/24/22 08:31 CST		0	Source: Mesonet

Wind gust was measured at the Surfside Beach WeatherFlow site.

GALVESTON BAY COUNTY --- 2.8 N EAGLE POINT [29.54, -94.91]				
	05/24/22 09:26 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	05/24/22 09:26 CST		0	Source: Mesonet

Wind gust was measured at the Galveston Bay WeatherFlow site.

HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 9.6 NE NORTH JETTY [29.47, -94.62]				
	05/24/22 09:26 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	05/24/22 09:26 CST		0	Source: Mesonet

Wind gust was measured at the Crab Lake WeatherFlow site.

GALVESTON BAY COUNTY --- 0.4 SSE CLEAR LAKE [29.56, -95.07]				
	05/24/22 09:28 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	05/24/22 09:28 CST		0	Source: Mesonet

Wind gust was measured at the Clear Lake Park Surfside Beach WeatherFlow site.

GALVESTON BAY COUNTY --- EAGLE POINT [29.50, -94.92]				
	05/24/22 09:30 CST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/24/22 09:30 CST		0	Source: Mesonet

Wind gust was measured at the Eagle Point PORTS site.

There were numerous marine thunderstorm wind gusts in the morning.

FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 49.0 WSW SARGENT [28.42, -96.33]				
	05/25/22 02:18 CST		0	Marine Thunderstorm Wind (MG 46 kt)
	05/25/22 02:18 CST		0	Source: Mesonet

Wind gust was measured at Matagorda Bay entrance channel NOS site.

MATAGORDA BAY COUNTY --- 2.8 ENE PORT O'CONNOR [28.45, -96.39]				
	05/25/22 02:24 CST		0	Marine Thunderstorm Wind (MG 40 kt)
	05/25/22 02:24 CST		0	Source: Mesonet

Wind gust was measured at Port O'Connor TAMU site.

FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 25.0 WSW SARGENT [28.59, -95.98]				
	05/25/22 02:27 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/25/22 02:27 CST		0	Source: Mesonet

Wind gust was measured at Matagorda Bay WeatherFlow site.

MATAGORDA BAY COUNTY --- 2.2 WSW EAST MATAGORDA [28.71, -95.91]				
	05/25/22 02:30 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/25/22 02:30 CST		0	Source: Mesonet

Wind gust was measured at East Matagorda TAMU site.

HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.4 ESE FREEPORT [28.94, -95.29]				
	05/25/22 02:48 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	05/25/22 02:48 CST		0	Source: Buoy

Wind gust was measured at NDBC site near Surfside Beach.

HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 6.2 W SAN LUIS PASS [29.08, -95.12]				
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	05/25/22 02:48 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/25/22 02:48 CST		0	Source: Mesonet
Wind gust was measured at San Luis Pass TAMU site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 2.8 ESE FREEPORT [28.93, -95.29]	05/25/22 02:51 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/25/22 02:51 CST		0	Source: Mesonet
Wind gust was measured at Surfside Beach WeatherFlow site.				
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MATAGORDA BAY COUNTY --- 0.4 NNW PALACIOS [28.72, -96.25]	05/25/22 02:53 CST		0	Marine Thunderstorm Wind (MG 48 kt)
	05/25/22 02:53 CST		0	Source: ASOS
Wind gust was measured at KPSX.				
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GALVESTON BAY COUNTY --- EAGLE POINT [29.50, -94.92]	05/25/22 03:00 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/25/22 03:00 CST		0	Source: Mesonet
Wind gust was measured at Eagle Point PORTS site.				
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GALVESTON BAY COUNTY --- 2.8 N EAGLE POINT [29.54, -94.91]	05/25/22 03:06 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	05/25/22 03:06 CST		0	Source: Mesonet
Wind gust was measured at Galveston Bay WeatherFlow site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- 4.0 SSW GALVESTON [29.25, -94.85]	05/25/22 03:06 CST		0	Marine Thunderstorm Wind (MG 60 kt)
	05/25/22 03:06 CST		0	Source: Mesonet
Wind gust was measured at Galveston Fishing Pier WeatherFlow site.				
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FREEPORT TO MATAGORDA SHIP CHNL OUT 20NM COUNTY --- 20.1 SSW SARGENT [28.50, -95.72]	05/25/22 03:15 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	05/25/22 03:15 CST		0	Source: AWOS
Wind gust was measured at Brazos 451 oil platform site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- NORTH JETTY [29.37, -94.73]	05/25/22 03:24 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	05/25/22 03:24 CST		0	Source: Mesonet
Wind gust was measured at Galveston North Jetty site.				
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GALVESTON BAY COUNTY --- 5.2 SW NORTH JETTY [29.31, -94.79]	05/25/22 03:30 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/25/22 03:30 CST		0	Source: Mesonet
Wind gust was measured at Galveston Pier 21 site.				
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HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- BUOY 42035 [29.23, -94.40]	05/25/22 03:50 CST		0	Marine Thunderstorm Wind (MG 52 kt)
	05/25/22 03:50 CST		0	Source: Buoy
Wind gust was measured at buoy 42035.				
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GALVESTON BAY COUNTY --- 9.2 SSE TEXAS CITY [29.27, -94.86]	05/25/22 03:52 CST		0	Marine Thunderstorm Wind (MG 56 kt)
	05/25/22 03:52 CST		0	Source: ASOS

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Wind gust was measured at KGLS.				

FREESPORT TO MATAGORDA SHIP CHNL 20 TO 60NM COUNTY --- BUOY 42019 [27.92, -95.35]				
	05/25/22 04:00 CST		0	Marine Thunderstorm Wind (MG 44 kt)
	05/25/22 04:00 CST		0	Source: Buoy

Wind gust was measured at buoy 42019.

Numerous marine thunderstorm wind gusts occurred.

TEXAS, Central Southeast

(TX-Z210) COLORADO, (TX-Z212) WALLER, (TX-Z214) CHAMBERS, (TX-Z226) WHARTON, (TX-Z227) FORT BEND, (TX-Z235) INLAND JACKSON, (TX-Z236) INLAND MATAGORDA, (TX-Z237) INLAND BRAZORIA, (TX-Z238) INLAND GALVESTON, (TX-Z335) COASTAL JACKSON, (TX-Z336) COASTAL MATAGORDA, (TX-Z337) COASTAL BRAZORIA, (TX-Z338) COASTAL GALVESTON, (TX-Z436) MATAGORDA ISLANDS, (TX-Z437) BRAZORIA ISLANDS, (TX-Z438) GALVESTON ISLAND, (TX-Z439) BOLIVAR PENINSULA				
	05/01/22 00:00 CDT		0	Drought
	05/30/22 23:59 CDT		0	

(TX-Z210) COLORADO, (TX-Z212) WALLER, (TX-Z214) CHAMBERS, (TX-Z226) WHARTON, (TX-Z227) FORT BEND, (TX-Z235) INLAND JACKSON, (TX-Z236) INLAND MATAGORDA, (TX-Z237) INLAND BRAZORIA, (TX-Z238) INLAND GALVESTON, (TX-Z335) COASTAL JACKSON, (TX-Z336) COASTAL MATAGORDA, (TX-Z337) COASTAL BRAZORIA, (TX-Z338) COASTAL GALVESTON, (TX-Z436) MATAGORDA ISLANDS, (TX-Z437) BRAZORIA ISLANDS, (TX-Z438) GALVESTON ISLAND, (TX-Z439) BOLIVAR PENINSULA				
	05/01/22 00:00 CST		0	Drought
	05/30/22 23:59 CST		0	

Large ridge of high pressure kept it hot and mainly dry with very little rainfall. This led to an expansion of severe to extreme drought through the period.

MONTGOMERY COUNTY --- 2.7 NE TAMINA [30.21, -95.40]				
	05/01/22 14:20 CST		0	Hail (1.00 in)
	05/01/22 14:20 CST		0	Source: Public

Quarter sized hail occurred a couple miles east of the I-45 and SH 242 intersection.

A mid afternoon severe thunderstorm developed and produced large hail.

BRAZORIA COUNTY --- 3.9 WSW PEARLAND ARPT [29.53, -95.33]				
	05/06/22 22:40 CST		0	Hail (0.88 in)
	05/06/22 22:40 CST		0	Source: Trained Spotter

Nickel sized hail was observed.

Afternoon thunderstorms developed and produced up to nickel-sized hail.

HARRIS COUNTY --- 0.5 ENE WEST PARK [29.68, -95.56]				
	05/22/22 03:00 CST		50K	Lightning
	05/22/22 03:00 CST		0	Source: Broadcast Media

A lightning strike started a fire at an apartment complex.

A lightning strike caused a fire at an apartment complex.

GALVESTON COUNTY --- 1.2 NNE GALVESTON [29.32, -94.82]				
	05/24/22 09:15 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	05/24/22 09:15 CST		0	Source: Public

A palm tree was downed on Texas Clipper Road.

A rapidly northward moving severe thunderstorm downed a tree.

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WHARTON COUNTY --- 0.6 E WHARTON JCT [29.33, -96.09]				
	05/25/22 01:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/25/22 01:20 CST		0	Source: Public
Trees were downed by strong thunderstorms wind gusts.				
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BRAZORIA COUNTY --- 2.4 SSW IOWA COLONY [29.45, -95.44]				
	05/25/22 02:15 CST		0	Thunderstorm Wind (EG 50 kt)
	05/25/22 02:15 CST		0	Source: Public
Trees were downed by strong thunderstorm wind gusts.				
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GALVESTON COUNTY --- 0.6 W (GLS)SCHOLES FLD GAL [29.27, -94.86]				
	05/25/22 03:07 CST		0	Thunderstorm Wind (EG 56 kt)
	05/25/22 03:07 CST		0	Source: ASOS

A 64 mph wind gust was recorded at Scholes Field in Galveston at the KGLS ASOS site as a strong thunderstorm moved through the area.

A series of strong thunderstorms resulted in tree damage during the early morning hours of May 25.