

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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GULF OF MEXICO

WATERS FROM BAFFIN BAY TO PT MANSFIELD TX EXT FROM 20 TO 60NM COUNTY --- 45.1 ESE S BAFFIN BAY [26.97, -96.69]				
	06/16/15 19:34 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/16/15 19:34 CST		0	Source: Buoy

Buoy 42020 reported marine thunderstorm wind gust of 35 knots.

A convective band associated with Tropical Storm Bill moved across the Lower Texas Gulf Waters and produced gusty thunderstorm winds in excess of 34 knots.

LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 6.3 SE ARROYO CITY [26.17, -97.35]				
	06/20/15 11:23 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	06/20/15 11:33 CST		0	Source: ASOS

KPIL ASOS reported several gale force thunderstorm wind gusts, with a peak gust of 37 knots.

A strengthening mid-level inverted trough, along with plenty of mid and upper level support in place, combined with deep moisture to produce showers and thunderstorms across the Lower Texas Coastal Waters. Some of this activity became strong and produced gale force thunderstorm wind gusts.

LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 1.1 WSW PORT ISABEL [26.06, -97.22]				
	06/30/15 08:24 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	06/30/15 08:30 CST		0	Source: C-MAN Station

TCOON station at Port Isabel reported thunderstorm wind gusts of gale force, with a peak wind gust of 45 knots.

LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 8.6 ENE ARROYO CITY [26.26, -97.29]				
	06/30/15 08:48 CST		0	Marine Thunderstorm Wind (MG 43 kt)
	06/30/15 08:48 CST		0	Source: C-MAN Station

TCOON station at Realitos reported a thunderstorm wind gust of 43 knots.

LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 6.4 SE ARROYO CITY [26.17, -97.35]				
	06/30/15 08:53 CST		0	Marine Thunderstorm Wind (MG 44 kt)
	06/30/15 08:53 CST		0	Source: ASOS

KPIL ASOS reported a thunderstorm wind gust of 44 knots.

LAGUNA MADRE FROM 5NM N OF PT MANSFIELD TO BAFFIN BAY TX COUNTY --- 28.1 SSW S BAFFIN BAY [26.80, -97.47]				
	06/30/15 09:06 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	06/30/15 10:06 CST		0	Source: C-MAN Station

TCOON station at Rincon del San Jose reported numerous thunderstorm wind gusts of gale force, with a peak wind gust of 38 knots.

WATERS FROM BAFFIN BAY TO PT MANSFIELD TX EXT FROM 20 TO 60NM COUNTY --- 45.1 ESE S BAFFIN BAY [26.97, -96.69]				
	06/30/15 09:37 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	06/30/15 10:02 CST		0	Source: Buoy

Buoy 42020 reported numerous thunderstorm wind gusts of 34 knots or greater, with a peak wind gust of 42 knots.

WATERS FROM PT MANSFIELD TO RIO GRANDE TX EXT FROM 20 TO 60NM COUNTY --- 40.2 ENE SOUTH PADRE ISLAND [26.22, -96.50]				
	06/30/15 10:00 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	06/30/15 10:00 CST		0	Source: Buoy

TABS Buoy K reported a 34 knot thunderstorm wind gust.

LAGUNA MADRE FROM 5NM N OF PT MANSFIELD TO BAFFIN BAY TX COUNTY --- 6.9 NNW S BAFFIN BAY [27.30, -97.40]				
	06/30/15 10:18 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/30/15 10:30 CST		0	Source: C-MAN Station

TCOON station at Baffin Bay reported several fale force thunderstorm wind gusts, with a peak wind gust of 35 knots.

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A weak 500 mb low/inverted trough stretched over northeast Mexico and Deep South Texas brought a plume of low to mid-level moisture across the western Gulf of Mexico and across the Lower Texas Coastal Waters. Scattered showers and thunderstorms developed and moved north over the Gulf of Mexico waters and the Laguna Madre, some with gale force wind gusts.

TEXAS, South

JIM HOGG COUNTY --- 1.0 S HEBBRONVILLE [27.31, -98.68], 1.0 S HEBBRONVILLE [27.31, -98.68], 0.8 SSE HEBBRONVILLE [27.31, -98.68], 0.8 SSW HEBBRONVILLE [27.31, -98.68]

06/17/15 17:30 CST	0.10M	Flash Flood (due to Heavy Rain)
06/17/15 21:00 CST	0	Source: Fire Department/Rescue

Heavy rainfall across northern Jim Hogg County resulted in flash flooding in Hebbroville. Hebbroville Fire Department reported that at least 2.5 feet of flowing water was over the road on Galbraith Street, in particular near the intersections of Galbraith Street and N Maria Avenue and Galbraith Street and Wilhelma Avenue. At least one car was stuck in the flowing water, with water over the hood of the car.

HIDALGO COUNTY --- 2.4 WNW SAN CARLOS [26.29, -98.12], 1.8 SE LA BLANCA [26.28, -98.05], 2.0 NE LA BLANCA [26.32, -98.05], 3.1 NW LA BLANCA [26.33, -98.11]

06/17/15 23:30 CST	2M	Flash Flood (due to Heavy Rain)
06/18/15 03:00 CST	0	Source: Emergency Manager

An estimated 2 to 4 inches of rainfall fell quickly across the San Carlos area caused flash flooding across the colonia. Several families evacuated flooded homes after daybreak on the 18th, with one report stating that up to 60 homes were surrounded by water, with water reaching into a number them.

HIDALGO COUNTY --- 0.5 SSW PHARR [26.19, -98.18], 2.6 ENE ALAMO [26.20, -98.08]

06/18/15 00:15 CST	0	Heavy Rain
06/18/15 02:00 CST	0	Source: Law Enforcement

Pharr Police Department reported an estimated 3 inches of rain had fallen in Pharr and that intersection of Highway 495 and Highway 281 was closed due to water on the road. the Hidalgo County Sheriffs Office reported 1 to 2 feet of water on Highway 495 between Tower Road and Border Road.

Tropical moisture flowing into Deep South Texas well behind Tropical Depression Bill, was given a boost by a leftover upper level trough and boundaries from prior storms across the South Texas Brush Country on June 17th/early June 18th to trigger a band of repeating thunderstorms across central and north Jim Hogg County. Rainfall estimated ranged from 6 to 12 inches across northern Jim Hogg County. This created flash flooding in Hebbroville between 630 pm and 10 pm on the 17th. The rains eased toward the Upper Valley and a persistent south to north band of torrential rains lined up from near Muniz to San Carlos to Faysville between 11 pm and midnight, and continued developing southward to Pharr/Alamo/San Juan through 1 am on the 18th. An estimated 2 to 4 inches of rain fell in little more than an hour and created flash flooding in the colonia of San Carlos, an area known for poor drainage.

HIDALGO COUNTY --- 3.4 NE PHARR [26.24, -98.15], 3.3 S SAN CARLOS [26.23, -98.08], 1.3 E SAN CARLOS [26.28, -98.06], 2.6 SE LA BLANCA [26.28, -98.04], 2.4 ENE LA BLANCA [26.32, -98.04], 0.8 NNW EDINBURG YARD [26.34, -98.18], 1.5 SE EDINBURG MUNI ARPT [26.28, -98.19]

06/19/15 16:30 CST	23M	Flash Flood (due to Heavy Rain)
06/20/15 01:00 CST	0	Source: Emergency Manager

Numerous roads were closed in east Edinburg and the surrounding colonias, including San Carlos, as 6 to 18 inches of water covered roadways. Numerous vehicles became stalled in the waters. Water entered numerous homes and businesses. City of Edinburg officials reported that nearly 50 people had to be evacuated due to flood waters. According to City of Edinburg officials, preliminary damage estimates totaled about \$23 million. An estimated 510 homes sustained damage, 225 incurred major damage and 285 incurred minor damage, for an estimated total of \$18.5 million. 25 businesses sustained some damage and approximately \$4.5 million in road infrastructure damage was sustained, including potholes and washed away roads.

A thin convergence band of thunderstorms developed between McAllen and Edinburg around 4 PM, and built southeast along and just east of U.S. 281/Interstate 69C for the next three hours, pounding Edinburg, north San Juan, and San Carlos with 4 to 6 more inches of rainfall (4.25 officially recorded near downtown Edinburg). Heavy rainfall resulted in flash flooding across the Edinburg and San Carlos area.