

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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**TEXAS, West**

**ECTOR COUNTY --- ODESSA [31.85, -102.37]**

08/06/13 15:30 CST		24K	Thunderstorm Wind (EG 65 kt)
08/06/13 16:00 CST		0	Source: Fire Department/Rescue

A thunderstorm moved across Ector County and produced wind damage in Odessa. The wind damage was determined to be from a microburst. The most intense winds and greatest damage during the thunderstorm was confined to Triple Crown Drive near the intersection of South Gallant Fox Avenue in Odessa. Damage consisted of a corrugated tin roof partially blown off of a barn. A side addition to the barn collapsed from the wind. Tree branches of up to two inches from a partially live tree were broken. Debris from the barn roof travelled about 200 yards across the street and punctured a mobile home. Winds also blew off part of the siding from the mobile home. A vehicle on the property was damaged by the wind and the roof debris. The West Odessa Fire Department reported several power poles snapped in the area. Based on the damage, the peak wind speed was 70 to 80 mph. The cost of damage is a very rough estimate.

**MIDLAND COUNTY --- 1.0 NE (MAF) MIDLAND INTL [31.94, -102.19], 1.0 NE (MAF) MIDLAND INTL [31.94, -102.19], 1.1 NE (MAF) MIDLAND INTL [31.94, -102.18], 1.1 NE (MAF) MIDLAND INTL [31.94, -102.19]**

08/06/13 17:30 CST		0	Flash Flood (due to Heavy Rain)
08/06/13 18:00 CST		0	Source: NWS Employee

Heavy rain moved across Midland County and produced flash flooding by Midland International Airport. There was six inches of water running over the northern service road off of Business Highway 20. The cost of damage is assumed to be zero since there was no damage reported.

**Upper level high pressure was over the region with very hot surface temperatures across West Texas. The air was very unstable with a surface trough across the area which helped to create lift needed for thunderstorms.**

**MIDLAND COUNTY --- 8.0 SW MIDLAND [31.92, -102.18]**

08/09/13 17:08 CST		0	Thunderstorm Wind (MG 53 kt)
08/09/13 17:09 CST		0	Source: ASOS

A thunderstorm moved across Midland County and produced a 61 mph wind gust eight miles southwest of Midland. There was no damage reported.

**A cold front was across the Permian Basin. Daytime heating ahead of the cold front combined with low-level moisture to produce thunderstorms in an unstable environment.**