

## Storm Data and Unusual Weather Phenomena - October 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
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**TEXAS, North Panhandle**

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|--|--------------------|--|---|------------------------------|
| <b>RANDALL COUNTY --- 3.6 NNW LAKE TANGLEWOOD [35.11, -101.80]</b> | 10/05/18 22:46 CST |  | 0 | Thunderstorm Wind (MG 51 kt) |
|  | 10/05/18 22:46 CST |  | 0 | Source: Mesonet              |

A few thunderstorms developed across the western Panhandles and as one of thunderstorms moved towards southern Amarillo, an outflow boundary developed out ahead of it. A Special Weather Statement was issued for wind gusts up to 55 MPH as indicated by the velocities on the radar. The storm peak wind gust however did reach up to 59 MPH as reported by a mesonet station.

|  |                    |  |   |                         |
|--|--------------------|--|---|-------------------------|
| <b>DEAF SMITH COUNTY --- 1.8 ENE HEREFORD [34.83, -102.37]</b> | 10/07/18 15:46 CST |  | 0 | Hail (1.00 in)          |
|  | 10/07/18 15:46 CST |  | 0 | Source: Law Enforcement |

Quarter size and just a little bigger than quarter size.

|   |                    |  |   |                                 |
|---|--------------------|--|---|---------------------------------|
| <b>POTTER COUNTY --- 4.7 W AMARILLO [35.19, -101.90], 4.7 W AMARILLO [35.19, -101.90], 4.7 W AMARILLO [35.19, -101.90], 4.7 W AMARILLO [35.19, -101.90]</b> | 10/07/18 17:26 CST |  | 0 | Flash Flood (due to Heavy Rain) |
|   | 10/07/18 17:26 CST |  | 0 | Source: Broadcast Media         |

Underpass of I-40 at Bell Street is flooded and closed.

|   |                    |  |   |                                |
|---|--------------------|--|---|--------------------------------|
| <b>POTTER COUNTY --- 6.4 E BUSHLAND [35.19, -101.96], 6.8 W AMARILLO [35.19, -101.94], 6.8 W AMARILLO [35.19, -101.94], 6.4 E BUSHLAND [35.19, -101.96]</b> | 10/07/18 18:20 CST |  | 0 | Flood (due to Heavy Rain)      |
|   | 10/07/18 18:20 CST |  | 0 | Source: Department of Highways |

The Texas department of transportation reported that eastbound Interstate 40 frontage road is closed at Helium Road due to flood damage to the roadway. The Soncy Road exit from eastbound Interstate 40 is also closed.

Clearing skies in the southwest Texas Panhandle allowed thunderstorms to rapidly develop across that region. With weak steering winds under 20 MPH, storms slowly drifted to the northeast mainly staying over parts of Deaf Smith, Oldham, Potter, and Randall counties. Some cores did develop severe hail and did exhibit strong rotation. The main with these storms were the back building and training of thunderstorms that resulted in flash flooding and numerous flooding reports across the aforementioned counties that were still occurring into the morning hours on the 8th. In a time frame of 24-48 hours after the event, several reports from the public and media showed numerous areas around the Bushland area still under a foot or two of still/moving water covering roadways and impacting some barns/outbuildings.