

Storm Data and Unusual Weather Phenomena - September 2025

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

HALL COUNTY --- 1.0 NE MEMPHIS [34.73, -100.52]

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|--------------------|---|------------------------------|
| 09/14/25 15:27 CST | 0 | Thunderstorm Wind (MG 64 kt) |
| 09/14/25 15:28 CST | 0 | Source: Mesonet |

A Texas Tech University West Texas mesonet site near Memphis measured severe wind gusts at 1527 and 1528 CST. A peak wind gust of 74 mph was measured at 1527 CST.

Isolated thunderstorms developed across the Rolling Plains and extreme southeastern Texas Panhandle on the afternoon of the 14th. Warm surface temperatures and a relatively dry sub-cloud layer contributed to one storm becoming severe near Memphis (Hall County). This storm produced severe thunderstorm wind gusts up to 74 mph.

HALE COUNTY --- 1.0 WSW HALE CENTER [34.06, -101.85], 0.9 SW HALE CENTER [34.06, -101.84], 0.7 WSW HALE CENTER [34.06, -101.84], 0.9 WSW HALE CENTER [34.07, -101.85]

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|--------------------|---|---------------------------------|
| 09/18/25 18:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/18/25 21:30 CST | 0 | Source: Broadcast Media |

Local broadcast media relayed a video of flooding on Interstate-27 at the Cleveland Street underpass in Hale Center. The video also showed numerous vehicles stranded in flooded waters on the Interstate Highway.

An isolated thunderstorm initially developed over northwestern Hale County and drifted to the southeast over Hale Center (Hale County). As this storm passed over Hale Center, it produced very heavy rainfall. Although no known gauges existed in Hale Center at the time, an estimated three inches of rain fell within 30 minutes. Local broadcast media relayed a video of numerous vehicles stranded in flood waters on Interstate-27 at the Cleveland Street underpass in Hale Center.

SWISHER COUNTY --- 1.0 E HAPPY [34.73, -101.83]

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|--------------------|---|------------------------------|
| 09/22/25 21:06 CST | 0 | Thunderstorm Wind (MG 53 kt) |
| 09/22/25 21:13 CST | 0 | Source: Mesonet |

A Texas Tech University West Texas mesonet site near Happy measured intermittent severe wind gusts from 2106 CST through 2113 CST. A peak wind gust of 61 mph was measured at 2106 CST.

A mid-level short wave trough moving across New Mexico initiated thunderstorms in central New Mexico on the afternoon of the 22nd. These storms encountered harsher conditions as they moved east into eastern New Mexico and West Texas where much drier air was present. These storms produced a strong outflow boundary which generated severe thunderstorm wind gusts near Happy (Swisher County).

YOAKUM COUNTY --- 3.0 N PLAINS [33.22, -102.83]

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|--------------------|---|------------------------------|
| 09/23/25 22:23 CST | 0 | Thunderstorm Wind (MG 51 kt) |
| 09/23/25 22:23 CST | 0 | Source: Mesonet |

A Texas Tech University West Texas mesonet site near Plains measured a severe wind gust of 59 mph.

A short wave trough moving southeastward across the Central Plains combined with low level upslope flow into New Mexico creating scattered thunderstorms on the afternoon of the 23rd. These storms marched across central and eastern New Mexico through the late afternoon and evening hours crossing into West Texas late in the evening. This cluster of thunderstorms produced a severe wind gust near Plains (Yoakum County).