

Storm Data and Unusual Weather Phenomena - September 2020

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

WINKLER COUNTY --- 2.0 NNW KERMIT [31.88, -103.10]

09/08/20 17:20 CST	20K	Thunderstorm Wind (EG 65 kt)
09/08/20 17:21 CST	0	Source: Emergency Manager

A thunderstorm moved across Winkler County and produced wind damage about two miles north of Kermit. A powerline pole was snapped which left streets on the north side of Kermit without power. Several trees were uprooted and there was damage to roofing material and metal awnings. The cost of damage is a very rough estimate.

An upper level trough was over eastern Utah and it brought upper lift to West Texas. Plentiful moisture was in place across the area as well as instability. A significant cold front was moving through West Texas. These conditions resulted in thunderstorms developing near the mountain areas of New Mexico and West Texas. These storms moved east and the storm outflow winds merged with the cold front coming from the north over Winkler County. This collision of boundaries resulted in wind damage across northern portions of Kermit.



Thunderstorm winds resulted in wind damage on the north side of Kermit. Photo is courtesy of Dude Speed and John Henderson.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

09/09/20 19:00 CST	0	High Wind (MAX 40 kt)
09/10/20 00:30 CST	0	

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An early season cold front brought strong northeast winds to the passes of the Guadalupe and Delaware Mountains.

PRESIDIO COUNTY --- 5.0 N PRESIDIO [29.62, -104.37]

	09/12/20 17:55 CST	0	Thunderstorm Wind (MG 58 kt)
	09/12/20 17:55 CST	0	Source: AWOS

A thunderstorm moved across Presidio County and produced a 67 mph wind gust at the AWOS site near the town of Presidio.

A weak upper level disturbance was moving over West Texas. Surface winds were bringing upslope flow along the mountains. These conditions resulted in lift that produced a thunderstorm with strong winds in Presidio County.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

	09/27/20 23:00 CST	0	High Wind (MAX 56 kt)
	09/28/20 03:00 CST	0	

A strong cold front moved into West Texas. High pressure and cold air behind the cold front caused strong winds to develop in the Guadalupe and Delaware Mountains.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

	09/28/20 03:00 CST	0	High Wind (MAX 55 kt)
	09/28/20 08:30 CST	0	

A strong cold front moved into West Texas. High pressure and cold air behind the cold front caused strong winds to develop in the Guadalupe and Delaware Mountains.