Property &

Event Type and Details

Deaths &

Date/Time

Location

		Injuries	Crop Dmg	
NEW MEXICO, Southeast				
EDDY COUNTY 1.6 WNW HOPE [32	2.81, -104.75]			
	09/15/16 15:00 MST		0	Funnel Cloud
	09/15/16 15:05 MST		0	Source: Trained Spotter
A storm moved across Eddy County ar closer as they reported it on the phone	nd produced a funnel cloud one mile wes	t of Hope . The fu	nnel cloud was not	reaching the ground but it became
EDDY COUNTY 1.0 W HOPE [32.80	, -104.75], 5.0 W HOPE [32.80, -104.82]			
	09/15/16 15:06 MST		0	Tornado (EF0, L: 4.00 mi , W: 300 yd)
	09/15/16 15:26 MST		0	Source: Emergency Manager
around one mile west of Hope and end	ounty and produced a tornado near Hope led around five miles west of Hope. This o and the path length and width were esti	tornado was spott	-	-
EDDY COUNTY 2.0 S ARTESIA [32.				
	09/15/16 16:30 MST		3K	Hail (2.75 in)
	09/15/16 16:40 MST		0	Source: Public
of damage is a very rough estimate.	nd produced baseball sized hail two miles	s south of Artesia .	The hail puncture	d holes in the walls of a home. The cost
EDDY COUNTY ATOKA [32.77, -104	4.40] 09/15/16 16:40 MST		4K	Hail (1.50 in)
			711	1 Idii (1.30 iii)
	09/15/16 16:55 MST and produced ping pong ball sized hail in A	utoka . The hail bro	0 oke skylights and s	Source: Public ide mirrors on vehicles and also did
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate.	utoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST	otoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did Hail (1.00 in)
lamage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate.	otoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST	utoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did Hail (1.00 in)
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST	atoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did Hail (1.00 in)
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST	otoka . The hail bro	oke skylights and s	ide mirrors on vehicles and also did Hail (1.00 in) Source: Public
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST	otoka . The hail bro	oke skylights and s 0 0	Hail (1.00 in) Source: Public Hail (1.75 in)
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST	utoka . The hail bro	oke skylights and s 0 0	Hail (1.00 in) Source: Public Hail (1.75 in)
damage to an RV. The cost of damage	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST	toka . The hail bro	oke skylights and s	Hail (1.00 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 5.0 S ARTESIA [32.0	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST	otoka . The hail bro	oke skylights and s 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in)
EDDY COUNTY 5.0 S ARTESIA [32.	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 99/15/16 17:00 MST 09/15/16 17:05 MST	toka . The hail bro	oke skylights and s 0 0 0 0 0	Hail (1.00 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 5.0 S ARTESIA [32.0	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 82.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST	toka . The hail bro	oke skylights and s 0 0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Hail (1.75 in) Hail (1.75 in)
EDDY COUNTY 5.0 S ARTESIA [32.0	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 99/15/16 17:00 MST 09/15/16 17:05 MST	toka . The hail bro	oke skylights and s 0 0 0 0 0	Hail (1.00 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 4.0 S ARTESIA [32.	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 82.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 09/15/16 20:35 MST	toka . The hail bro	oke skylights and s 0 0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Hail (1.75 in) Hail (1.75 in)
EDDY COUNTY 4.0 S ARTESIA [32.	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 82.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 09/15/16 20:35 MST	toka . The hail bro	oke skylights and s 0 0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Hail (1.75 in) Hail (1.75 in)
EDDY COUNTY 4.0 S ARTESIA [32.	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 82.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 09/15/16 20:35 MST	toka . The hail bro	oke skylights and s	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 4.0 S ARTESIA [32. EDDY COUNTY 4.0 S ARTESIA [32. EDDY COUNTY 2.4 SW DAYTON [3 EDDY COUNTY LAKEWOOD [32.63	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 12.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 33, -104.37] 09/15/16 20:35 MST 09/15/16 20:40 MST 09/15/16 21:25 MST		oke skylights and s 0 0 0 0 0 0 0 3K 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 4.0 S ARTESIA [32. EDDY COUNTY 4.0 S ARTESIA [32. EDDY COUNTY 2.4 SW DAYTON [3	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 32.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 09/15/16 20:35 MST 09/15/16 20:40 MST 09/15/16 21:18 MST 09/15/16 21:25 MST Dunty and produced three to four inch haite.		oke skylights and s 0 0 0 0 0 0 0 3K 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public
EDDY COUNTY 4.0 S ARTESIA [32.63] EDDY COUNTY 4.0 S ARTESIA [32.63] EDDY COUNTY 2.4 SW DAYTON [3] EDDY COUNTY 1.8 SW LAKEWOOD [32.63] EDDY COUNTY 3.8 SW LAKEWOOD [32.63] A thunderstorm moved across Eddy Cocost of damage is a very rough estimated	09/15/16 16:55 MST and produced ping pong ball sized hail in A e is a very rough estimate. 76, -104.40] 09/15/16 16:49 MST 09/15/16 16:55 MST 77, -104.40] 09/15/16 16:50 MST 09/15/16 16:55 MST 32.73, -104.38] 09/15/16 17:00 MST 09/15/16 17:05 MST 09/15/16 20:35 MST 09/15/16 20:40 MST 09/15/16 21:18 MST 09/15/16 21:25 MST Dunty and produced three to four inch haite.		oke skylights and s 0 0 0 0 0 0 3K 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public Hail (1.75 in) Source: Public

in west to southwest winds over the region. An upper level disturbance moved over southeast New Mexico where there was a good

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

supply of moisture and good surface heating. A boundary was lingering across the area, and an area of strong winds aloft was approaching which enhanced lift. These conditions, along with good wind shear values, resulted in severe thunderstorms developing. The storms produced large hail and a tornado in southeast New Mexico.

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



Ping pong ball sized hail fell in Atoka. The hail did some damage to an RV as well as broke skylights and side mirrors on vehicles. Photo courtesy of Stayce Smith.

EDDY COUNTY 4.0 WNW ARTESIA [32.8			
	09/17/16 15:00 MST	0	Hail (2.75 in)
	09/17/16 15:10 MST 2	0	Source: Trained Spotter
thunderstorm moved across Eddy County uries reported due to the hail between 4 a	and produced baseball sized hail from the and 4:30 pm MDT.	e Artesia Airport to two miles	s south of Artesia . There were two head
DDY COUNTY 1.3 ESE ARTESIA ARPT			
	09/17/16 15:15 MST	0	Hail (1.75 in)
	09/17/16 15:20 MST	0	Source: Public
DDY COUNTY 3.0 N ARTESIA [32.87, -	104.40]		
	09/17/16 15:15 MST	0	Hail (1.75 in)
	09/17/16 15:20 MST	0	Source: Trained Spotter
DDY COUNTY 0.8 NW ARTESIA [32.84	, -104.41]		
-	09/17/16 15:17 MST	1M	Hail (2.75 in)
	09/17/16 15:22 MST	0	Source: Public
thunderstorm moved across Eddy County ehicles and hangars. There was also wide	·	•	5 .
EDDY COUNTY 1.8 ESE ARTESIA ARPT	-	0	Hail (1.75 in)
DDY COUNTY 1.8 ESE ARTESIA ARPT	09/17/16 15:17 MST	0	Hail (1.75 in)
EDDY COUNTY 1.8 ESE ARTESIA ARPT	-	0	Hail (1.75 in) Source: Trained Spotter
	09/17/16 15:17 MST 09/17/16 15:22 MST		, ,
	09/17/16 15:17 MST 09/17/16 15:22 MST		, ,
	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40]	0	Source: Trained Spotter
DDY COUNTY 2.0 N ARTESIA [32.86, -	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST	0	Source: Trained Spotter Hail (2.50 in)
DDY COUNTY 2.0 N ARTESIA [32.86, -	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST	0	Source: Trained Spotter Hail (2.50 in)
EDDY COUNTY 2.0 N ARTESIA [32.86, -	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST	0 0 0	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter
EDDY COUNTY 2.0 N ARTESIA [32.86, EDDY COUNTY 1.5 WSW ILLINOIS CAN A thunderstorm moved across Eddy County	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about o	0 0 0	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public
EDDY COUNTY 2.0 N ARTESIA [32.86, EDDY COUNTY 1.5 WSW ILLINOIS CAN A thunderstorm moved across Eddy County a broken window in a house. The cost of d	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about of amage is a very rough estimate.	0 0 1K 0 ne mile west of Artesia . Th	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public here was a broken windshield on a car and
EDDY COUNTY 2.0 N ARTESIA [32.86, EDDY COUNTY 1.5 WSW ILLINOIS CAN A thunderstorm moved across Eddy County I broken window in a house. The cost of d	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about of amage is a very rough estimate.	0 0 1K 0 ne mile west of Artesia . Th	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public here was a broken windshield on a car and Hail (2.50 in)
DDY COUNTY 2.0 N ARTESIA [32.86, DDY COUNTY 1.5 WSW ILLINOIS CAN thunderstorm moved across Eddy County broken window in a house. The cost of d	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about of amage is a very rough estimate.	0 0 1K 0 ne mile west of Artesia . Th	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public here was a broken windshield on a car and
EDDY COUNTY 2.0 N ARTESIA [32.86, EDDY COUNTY 1.5 WSW ILLINOIS CAN A thunderstorm moved across Eddy County b broken window in a house. The cost of d EDDY COUNTY 1.3 W ARTESIA [32.83, A thunderstorm moved across Eddy County	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about of amage is a very rough estimate. -104.42] 09/17/16 15:30 MST 09/17/16 15:35 MST	0 0 0 1K 0 ne mile west of Artesia . Th	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public here was a broken windshield on a car and Hail (2.50 in) Source: Trained Spotter
EDDY COUNTY 1.8 ESE ARTESIA ARPT EDDY COUNTY 2.0 N ARTESIA [32.86, EDDY COUNTY 1.5 WSW ILLINOIS CAN A thunderstorm moved across Eddy County a broken window in a house. The cost of d EDDY COUNTY 1.3 W ARTESIA [32.83, A thunderstorm moved across Eddy County damage is a very rough estimate.	09/17/16 15:17 MST 09/17/16 15:22 MST 104.40] 09/17/16 15:17 MST 09/17/16 15:22 MST IP [32.84, -104.42] 09/17/16 15:21 MST 09/17/16 15:26 MST and produced baseball sized hail about of amage is a very rough estimate. -104.42] 09/17/16 15:30 MST 09/17/16 15:35 MST and produced tennis ball sized hail in Arter	0 0 1K 0 ne mile west of Artesia . Th 1.50K 0 esia . The hail dented a car	Source: Trained Spotter Hail (2.50 in) Source: Trained Spotter Hail (2.75 in) Source: Public here was a broken windshield on a car and Hail (2.50 in) Source: Trained Spotter

Eyewitness reports from a storm spotter in the area indicate the tornado began around 5:50 pm CDT and lasted only a few minutes. This tornado, rated an

09/17/16 18:45 MST

09/17/16 18:50 MST

EF0, touched down in open fields and no damage was reported.

LEA COUNTY --- 0.5 SW TEAGUE [32.26, -103.19]

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0.50K

0

Hail (1.75 in)

Source: Public

Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

A thunderstorm moved across Lea County and produced golf ball sized hail ten miles north of Jal. A motorist reported that hail broke the windshield on a car. The cost of damage is a very rough estimate.

LEA COUNTY --- JAL [32.12, -103.18]

09/17/16 18:45 MST 3.50M Hail (2.50 in) 09/17/16 18:50 MST 0 Source: Public

A thunderstorm moved across Lea County and produced tennis ball sized hail in Jal . The hail caused widespread damage to homes and vehicles. The cost of damage is a rough estimate.

LEA COUNTY --- JAL [32.12, -103.18]

09/17/16 18:45 MST 4K Hail (1.75 in)

09/17/16 18:50 MST 0 Source: Trained Spotter

A thunderstorm moved across Lea County and produced golf ball sized hail in Jal . The hail broke windows in buildings in Jal. The cost of damage is a very rough estimate.

An upper level disturbance moved over the area, and a lingering frontal boundary was across parts of southeast New Mexico and the Permian Basin. Upper level lift associated with an area of intense winds aloft moved over the region. There was good wind shear, moisture, and instability across West Texas and southeast New Mexico. Two other boundaries were moving toward the area and possibly collided with the initial boundary. These conditions combined to create good lift in the atmosphere which resulted in widespread thunderstorms with large hail across southeast New Mexico and the Permian Basin. The wind shear created spin in the atmosphere which allowed for tornadoes to develop in the Permian Basin and southeast New Mexico.



A thunderstorm moved across Lea County and produced widespread hail damage to vehicles and homes in Jal. Photo is courtesy of Corey Cruse.

TEXAS, West

ANDREWS COUNTY --- ANDREWS [32.32, -102.55]

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OBJOTHS 18-15 CST O Thunderstorm Wind (MO S4 kt) OBJOTHS 18-15 CST O Thunderstorm Wind (MO S4 kt) OBJOTHS 18-15 CST O Thunderstorm wind (MO S4 kt) OBJOTHS 18-15 CST O Source. AVIOS A thunderstorm moved across Andrews County and produced a 62 mph wind gust at the City of Andrews AVOS site. There was an upper low centered over southeastern Artona. Tropical Storm Newton was providing a plentful supply of moisture across West Texas. These conditions resulted in thunderstorms with strong winds that developed across the Permian Basin. (ITX-258) GUADALUPE MOUNTAINS OF CUILBERSON COUNTY OBITION 50.51 MST O High Wind (MAX 43 kt) OBITION 50.51 MST O High Wind (MAX 43 kt) OBITION 50.51 MST O SOURCE AVIOS OBITION 50.51 MST O Thunderstorm Wind (MO 51 kt) OBITION 50.51 MST O Source AVIOS A thunderstorm moved across Terrell County and produced a 59 mph wind gust at the Dryden AIVOS site. There was an upper ridge which extended from Texas seastward into the Atlantic and an upper trough along the west coast. An upper level disturbance moved over West Texas which created lift. There was good surface healting and moisture across the area. These conditions resulted in funderatorism with strong winds across West Texas. CULLBERSON COUNTY — 2.9 E PLATEAU [31.06, -104.50] OBITISH 18-30 CST O Half (1.00 in) OBITISH 18-30 CST O Source Public An upper level trough was over the western half of the country with an upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country within a upper ridge over the seatern half of the country	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Munderstorm moved across Andrews County and produced a R2 mph wind gust at the City of Andrews AWOS site. There was an upper low centered over southeastern Arzona. Tropical Storm Newton was providing a plentful supply of moleture scross West Texas. These conditions resulted in thunderstorms with at broad winds that developed across the Fermian Basin. TX.2289) GUADALUPE MOUNTAINS OF CUBERSON COUNTY (2010) 10.05 15 MST 0 Hgh Wind (MAX 43 M) (2011) 10.05 15 MST 0 Hgh Wind (MAX 43 M) (2011) 10.05 15 MST 0 Hgh Wind (MAX 43 M) (2011) 10.05 15 MST 0 OS 10.05		09/07/16 18:15 CST	injunes		Thunderstorm Wind (MG 54 kt)
Thunderstorm moved across Andrews County and produced a 62 mph wind gust at the City of Andrews AWOS site. There was an upper low centered over southeastern Artzona. Tropical Storm Newton was providing a plentiful supply of moisture scross West Texas. These conditions resulted in thunderstorms with strong winds that developed across the Permian Basin. TX-Z589 GUADALUPE MOUNTAINS OF CULBERSON COUNTY 08/10/16/10/38 MST 0 High Wind (MAX 43 kt) 08/10/16/10/38 MST 0 High Wind (MAX 43 kt) 08/10/16/10/38 MST 0 Thunderstorm Wind (MAX 43 kt) 08/10/16/16/38 CST 0 Source AWOS An upper ridge which extended from Texas eastward into the Affantic and an upper trough along the west coast. An upper evol disturbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These conditions resulted in tunderstorms with strong winds across West Texas. DULBERSON COUNTY 2.9 E PLATEAU [51.08, -104.09] 08/16/16/16/00 CST 0 Source Public An upper level trough was over the western half of the country with an upper ridge over the eastern half of the country which resulted in west to southwest winds over the region. An upper level disturbance moved over southeast New Maxico and West Texas where rever was good surface heating. Aboundary was fingering across the area, and an area of strong winds sold was approaching which enhanced lift. These conditions, along with good wind shear values, resulted in severe thunderstorm Wind (MAX 43 kt) 08/10/16/16/16/16/16/16/16/16/16/1					· · · · ·
there was an upper low centered over southeastern Arizona. Tropical Storm Newton was providing a plentiful supply of moleture cross West Texas. These conditions resulted in thunderstorms with strong winds that developed across the Permian Basin. TX.2256) GUADALUPE MOUNTAINS OF CULBERSON COUNTY 09/10/16 10:03 MST 09/12/16 17:59 CST 00/12/16 17:59 CST 00/15/16 18:00 CST 0	thunderstorm moved across Andrews C	county and produced a 62 mph wind	nust at the City of A	undrews AWOS site	Δ
TX.2259, QUADALUFE MOUNTAINS OF CULLERSON COUNTY 091016 0851 MST 091016 10:03 MST 0 1 High Wind (MAX 43 kt) 091016 10:03 MST 0 091216 10:03 MST 0 091216 10:03 MST 0 091216 10:03 MST 0 0 Thunderstorm Wind (MAX 43 kt) 091216 17:58 CST 0 Source: AWOS chunderstorm moved across Terrell County and produced a 59 mph wind gust at the Dyden AWOS site. here was an upper ridge which extended from Toxas seatward into the Atlantic and an upper trough along the west coast. An upper wed disturbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These onditions resulted in thunderstorms with atrong winds across West Toxas. ULBERSON COUNTY — 2.9 E PLATEAU [3.16, 1-04.50] 091516 18:30 CST 091516 18:00 CST 091616 18:00 C			-		
Op/10/16 0.95 I MST 0 High Wind (MAX 43 kt) Op/10/16 0.95 I MST 0 O High Wind (MAX 43 kt) Op/10/16 0.93 MST 0 O Thunderstorm Wind (MG 51 kt) Op/10/16 17.58 CST 0 Thunderstorm Wind (MG 51 kt) Op/10/16 17.58 CST 0 Source: AWOS Althunderstorm moved across Terrell County and produced a 50 mph wind gust at the Dydon AWOS site. There was an upper ridge white extended from Texas esstward into the Atlantic and an upper trough along the west coast. An upper wind disturbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These onditions resulted in thunderstorms with strong winds across West Texas. PUBBERSON COUNTY — 2.9 E PLATEAU [31/6, 1-04.50] Op/15/16 18.30 CST 0 Mail [1.00 in) Op/15/16 18.30 CST 0 Source: Public An upper level trough was over the western half of the country with an upper ridge over the eastern half of the country which resulted an vest to southwest winds over the region. An upper level disturbance moved over southeast New Mexico and West Texas where there was a good supply of moisture and good surface heating. A boundary was lingering across the area, and an area of storing winds loth was appreached lift. These conditions, along with good wind shear values, resulted in severe thunderstorms leveloping. The storms produced large hail in West Texas. CUCRRY COUNTY — 0.4 NE SNYDER WINSTON ARPT [22.70, -100.94] Op/16/16 15.50 CST 0 Thunderstorm Wind (MG 53 kt) Op/16/16 16.00 CST 0 Source: Public CUCRRY COUNTY — 1.5 NW WINSTON [32.72, -100.93] Op/16/16 16.00 CST 0 Source: Trained Spotter Alternoderstorm moved across Scurry County and produced and folial to ping pong ball size hall in Snyder. CUCRRY COUNTY — 0.9 NNE WINSTON [32.71, -100.92] Op/16/16 16.00 CST 0 Source: Trained Spotter Alternoderstorm moved across Scurry County and produced half dollar to ping pong ball size hall in Snyder. CUCRRY COUNTY — 0.9 NNE WINSTON [32.71, -100.93] Op/16/16 16.00 CST 0 Source: Trained Spotter Alternoderstorm moved across Scurry County and produced wind		·	=		
Opt10/16 0651 MST 0 High Wind (MAX 43 kt) Opt10/16 10:03 MST 0 O High Wind (MAX 43 kt) Opt10/16 10:03 MST 0 O Thunderstorm Wind (MG 51 kt) Opt10/16 17:58 CST 0 Thunderstorm Wind (MG 51 kt) Opt10/16 17:58 CST 0 Source: AWOS Althunderstorm moved across Terrell County and produced a 50 mph wind gust at the Dyden AWOS site. There was an upper ridge which extended from Texas external into the Atlantic and an upper trough along the west coast. An upper evel disturbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These conditions resulted in thunderstorms with strong winds across West Texas. PULBERSON COUNTY 2.9 E PLATEAU [31.06, 1-04.59] Opt16/16 18:00 CST 0 Source: Public An upper level trough was over the western half of the country with an upper ridge over the eastern half of the country which resulted an vest to southwest winds over the region. An upper level disturbance moved over southeast New Mexico and West Texas where here was a good supply of moisture and good surface heating. A boundary was lingering across the area, and an area of strong winds into the assertion of the country with resulted an vest to southwest winds over the region. An upper level disturbance moved over southeast New Mexico and West Texas where here was a good supply of moisture and good surface heating. A boundary was lingering across the area, and an area of strong winds into the assertion winds with open and the surface heating. A boundary was lingering across the area, and an area of strong winds link was approached lift. These conditions, along with good wind shear values, resulted in severe thunderstorms severe thunderstorm Severe thunderstorm Mylind (MG 53 kt) Opt16/16 15:55 CST 0 Thunderstorm Wind (MG 53 kt) Opt16/16 15:55 CST 0 Source: Public SCURRY COUNTY 0.4 Nex SNYDER (32.72, -100.93) Opt16/16 16:00 CST 0 Source: Trained Spotter Altenderstorm moved across Scurry County and produced wind damage in Snyder. A storm survey was conducted and it was determin	TV 7050) OUADAL UDE MOUNTAING OF	- OUR DEDOON COUNTY			
Northeast winds behind an early season cold front resulted in strong, gap winds through Guadalupe Pass. FERRELL COUNTY DRYDEN [38.05, -102.12] 09/12/16 17/58 CST 0 Thunderstorm Wind (MG 51 kt) 09/12/16 17/58 CST 0 Source: AWOS Althunderstorm moved across Terrell County and produced a 59 mph wind gust at the Dryden AWOS site. There was an upper ridge which extended from Texas esstward into the Atlantic and an upper trough along the west coast. An upper event disturbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These conditions resulted in hunderstorm with strong winds across West Texas. DULBERSON COUNTY 2.9 E PLATEAU [31.06, -104.50] 09/15/16 18.30 CST 0 Hall (1.00 in) 09/15/16 18.30 CST 0 Source: Public An upper level trough was over the western half of the country with an upper ridge over the eastern half of the country which resulted never was a good surface heating. Aboundary was lingering across the area, and an area of strong winds licit was approaching which enhanced lift. These conditions, along with good wind shear values, resulted in severe thunderstorms seveloping. The storms produced large hall in West Texas. SCURRY COUNTY 0.4 NE SNYDER WINSTON ARPT [32.70, -100.94] 09/16/16 15/55 CST 0 Thunderstorm Wind (MG 53 kt) 09/16/16 15/55 CST 0 Source: AWOS site. SCURRY COUNTY 0.5 NEW WINSTON [32.72, -100.93] 09/16/16 16/50 CST 0 Source: Trained Spotter Althunderstorm moved across Sourry County and produced a 61 mph wind gust at the Snyder AWOS site. SCURRY COUNTY 0.9 NNE WINSTON [32.71, -100.91] 09/16/16 16/50 CST 0 Source: Trained Spotter Althunderstorm moved across Sourry County and produced half dollar to ping pong ball size hall in Snyder. Althunderstorm moved across Sourry County and produced half dollar to ping pong ball size hall in Snyder. Althunderstorm moved across Sourry County and produced half dollar to ping pong ball size hall in Snyder. Althunderstorm moved across Sourry County and produced wind	1X-2258) GUADALUPE MOUNTAINS OF			0	High Wind (MAY 43 kt)
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ERRELL COUNTY DRYDEN [30.05, -102.12] 09/12/16 17:56 CST 0 Thunderstorm Wind (MG 51 kt) 09/12/16 17:56 CST 0 Source: AWOS Attenderstorm moved across Terrell County and produced a 59 mph wind gust at the Dryden AWOS site. There was an upper ridge which extended from Texas eastward into the Attendic and an upper trough along the west coast. An upper avoid listurbance moved over West Texas which created lift. There was good surface heating and moisture across the area. These conditions resulted in thunderstorms with strong winds across West Texas. PUBBERSON COUNTY 2.9 E PLATEAU [31.06, -104.50] 09/15/16 18:00 CST 0 Hail (1.00 in) 09/15/16 18:00 CST 0 Hail (1.00 in) 09/15/16 18:00 CST 0 Source: Public In upper level trough was over the western half of the country with an upper ridge over the eastern half of the country which resulted never was a good supply of moisture and good surface heating. A boundary was lingering across the area, and an area of strong winds loft was approaching which enhanced lift. These conditions, along with good wind shear values, resulted in severe thunderstorms westerloping. The storms produced large half in West Texas CICURRY COUNTY 0.4 NE SNYDER WINSTON ARPT [32.70, -10.94] 09/16/16 15:55 CST 0 Thunderstorm Wind (MG 53 kt) 09/16/16 15:55 CST 0 Source: AWOS Attenderstorm moved across Scurry Country and produced a 61 mph wind gust at the Snyder AWOS site. CICURRY COUNTY 0.7 W SNYDER [32.72, -100.93] 09/16/16 15:55 CST 0 Source: Public CICURRY COUNTY 0.7 W SNYDER [32.72, -100.94] 09/16/16 16:50 CST 0 Source: Public CICURRY COUNTY 0.9 NNE WINSTON [32.71, -100.92] 09/16/16 16:50 CST 0 Source: Public CICURRY COUNTY 0.9 NNE WINSTON [32.71, -100.92] 09/16/16 16:00 CST 7 70K Thunderstorm Wind (EG 70 kt) 09/16/16 16:00 CST 7 70K Thunderstorm Wind (EG 70 kt) 09/16/16 16:00 CST 7 70K Thunderstorm Wind (EG 70 kt) 09/16/16 16:00 CST 7 70K Thunderstorm Wind (EG 65 kt)	Jortheast winds behind an early seasor		winds through Gu	adalupe Pass	
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09/16/16 15:55 CST 0 Thunderstorm Wind (MG 53 kt) 09/16/16 15:55 CST 0 No Source: AWOS A thunderstorm moved across Scurry County and produced a 61 mph wind gust at the Snyder AWOS site. SCURRY COUNTY 1.5 NW WINSTON [32.72, -100.93] 09/16/16 16:55 CST 0 No Hail (1.00 in) 09/16/16 16:00 CST No Source: Public SCURRY COUNTY 0.7 W SNYDER [32.72, -100.91] 09/16/16 16:00 CST No Source: Trained Spotter A thunderstorm moved across Scurry County and produced half dollar to ping pong ball size hall in Snyder. SCURRY COUNTY 0.9 NNE WINSTON [32.71, -100.92] 09/16/16 16:00 CST 70K Thunderstorm Wind (EG 70 kt) 09/16/16 16:02 CST 0 Source: Public A thunderstorm moved across Scurry County and produced wind damage in Snyder. A storm survey was conducted and it was determined that the winds were 75 to 85 mph. There was heavy roof and carport damage in Snyder. There was a roof blown off of a business, and a store was filled with neutation and rain water. The cost of damage is a very rough estimate. SCURRY COUNTY 1.1 NW WINSTON [32.71, -100.93] 09/16/16 16:00 CST 20K Thunderstorm Wind (EG 65 kt)	n west to southwest winds over the reg here was a good supply of moisture an aloft was approaching which enhanced	tern half of the country with an upp jion. An upper level disturbance m d good surface heating. A bounda lift. These conditions, along with g	oved over southea ry was lingering ac	eastern half of the ast New Mexico an cross the area, and	country which resulted nd West Texas where d an area of strong winds
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	In west to southwest winds over the register was a good supply of moisture an aloft was approaching which enhanced developing. The storms produced large SCURRY COUNTY 0.4 NE SNYDER WAS thunderstorm moved across Scurry County 1.5 NW WINSTON SCURRY COUNTY 0.7 W SNYDER [32] A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 0.9 NNE WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON A thunderstorm moved across Scurry County 1.5 NW WINSTON 1.5	tern half of the country with an upprion. An upper level disturbance mid good surface heating. A boundar lift. These conditions, along with go hail in West Texas. INSTON ARPT [32.70, -100.94] 09/16/16 15:55 CST 09/16/16 15:55 CST unty and produced a 61 mph wind gu [32.72, -100.93] 09/16/16 16:00 CST 09/16/16 16:05 CST unty and produced half dollar to ping I [32.71, -100.92] 09/16/16 16:02 CST unty and produced wind damage in Sof and carport damage in Snyder. The mage is a very rough estimate.	pond over southeary was lingering at lood wind shear valued wind shear valued wind shear valued with the Snyder AV	eastern half of the list New Mexico an cross the area, and alues, resulted in second control of the list New Mexico and cross the area, and alues, resulted in second control of the list New Mexico and Control of the list New M	Country which resulted and West Texas where d an area of strong winds severe thunderstorms Thunderstorm Wind (MG 53 kt) Source: AWOS Hail (1.00 in) Source: Public Hail (1.75 in) Source: Trained Spotter Thunderstorm Wind (EG 70 kt) Source: Public ed and it was determined that the winds is, and a store was filled with

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A thunderstorm moved across Scurr	ry County and produced wind damage in Sn	yder . A damage	survey was cond	ducted and it was determined that the
wind speed ranged from 60 to 85 mp	ph. There was damage to power lines, telep	phone poles, and	trees. The cost	of damage is a very rough estimate.
SCURRY COUNTY 2.3 SSW WIN	STON (22 67 - 400 02)			
SCURRY COUNTY 2.3 35W WIN	09/16/16 16:01 CST		0	Thunderstorm Wind (MG 70 kt)
	09/16/16 16:01 CST		0	Source: Mesonet
A thunderstorm moved across Scurr	y County and produced a 81 mph wind gust	t at the Snyder Me	esonet site.	
COURTY OF A NINE OF A	FTA DV 100 74 400 001			
SCURRY COUNTY 2.4 NNE CEM	09/16/16 16:05 CST		0	Thunderstorm Wind (MG 60 kt)
	09/16/16 16:05 CST		0	Source: Mesonet
A thunderstorm moved across Scurr	ry County and produced a 69 mph wind gust	t at the Snyder Me	esonet site.	
WARD COUNTY 1.1 NE GRANDI	FALLS [31.34, -102.86]			
	09/16/16 16:40 CST		0	Hail (1.00 in)
	09/16/16 16:45 CST		0	Source: Public
ECTOR COUNTY 1.4 SSE GREE	NFIELD ACRES [31.85, -102.39] 09/16/16 17:52 CST		0	Hail (1.00 in)
	09/16/16 17:57 CST		0	Source: Amateur Radio
ECTOR COUNTY 3.6 W ODESSA	A ECTOR CO ARPT [31.93, -102.44], 3.6 WN	IW ODESSA ECT	OR CO ARPT [3	1.93, -102.44]
	09/16/16 17:53 CST		0	Tornado (EF0, L: 0.35 mi , W: 200 yd)
	09/16/16 17:55 CST		0	Source: Broadcast Media
	County and produced a brief tornado near orted with this tornado so there was not a d			-
MITCHELL COUNTY 0.4 ENE CO -100.82], 6.4 SSE COLORADO CITY	DLORADO CITY [32.40, -100.84], 0.6 ENE C	OLORADO CITY	[32.40, -100.84],	6.3 SSE COLORADO CITY [32.31,
100.02], 0.4 OOL GOLONADO GITT	09/16/16 18:08 CST		0.50K	Flash Flood (due to Heavy Rain)
	09/16/16 20:00 CST		0	Source: Law Enforcement
•	ty and produced flash flooding in and south vater is flowing over the road. The cost of d	•	•	t out for a section of highway South 208 at
DAWSON COUNTY LAMESA [32	2.73, -101.95]			
	09/16/16 20:10 CST		0	Hail (1.75 in)

There was an upper level trough over much of the northern and western half of the nation which resulted in west to southwest winds aloft over West Texas. An upper level disturbance moved over the region where there was abundant moisture and instability in place. There was a cold front that moved southward toward West Texas from the Texas panhandle. A surface boundary was also in place across the Permian Basin. An area of intense winds aloft moved over the area and aided in lift. These conditions allowed for thunderstorms to develop across West Texas, and there was good wind shear present which contributed to these storms becoming severe with large hail, damaging winds, and a brief tornado. The abundant moisture combined with recent rainfall also resulted in flash flooding across the Western Low Rolling Plains.

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Location Date/Time Deaths & Property & Event Type and Details



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### ### ### ### ### ### ### ### ### ##	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MIDLAND COUNTY — 2.8 SW WARFIELD [31.90, -102.27] 0917/16 16.59 CST 0 Source: NWS Employee Althunderstorm moved across Midland County and produced a 80 mph wind gust about thirteen miles southwest of Midland. MIDLAND COUNTY — 2.8 WSW WARFIELD [31.90, -102.27] 0917/16 17.04 CST 0 Source: NWS Employee MIDLAND COUNTY — 3.0 SW WARFIELD [31.90, -102.27] 0917/16 17.00 CST 0 Thunderstorm Wind (EG 65 kt) 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 3.0 SW WARFIELD [31.90, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 3.0 SW WARFIELD [31.90, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 3.0 SW WARFIELD [31.90, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 3.0 SW WARFIELD [31.90, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 5.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 5.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY — 0.0 W MIDLAND [32.00, -102.27] 0917/16 17.0		是五天河			
OSH17/16 16:95 CST OST	Hail up to the size of golf balls fell in Lamesa.	Photo courtesy of Tessy Ruv	valcaba.		.
A thunderstorm moved across Midland County and produced a 60 mph wind gust about thirteen miles southwest of Midland. MIDLAND COUNTY — 2.8 WSW WARFIELD [31.90, -102.27]	MIDLAND COUNTY 2.8 SW WARFIELD [31.90,	-102.27]			
A thunderstorm moved across Midland County and produced a 60 mph wind gust about thireen miles southwest of Midland. MIDLAND COUNTY — 2.8 WSW WARFIELD [31.90, .102.27]					
MIDLAND COUNTY 2.8 WSW WARFIELD [31.90, -102.27] 09/17/16 16.59 CST 0 Hail (1.00 in) 09/17/16 17.04 CST 0 Source: NWS Employee MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27] 09/17/16 17.00 CST 0 Source: NWS Employee Athunderstorm moved across Midland County and produced a 70 to 80 mph wind gust about 13 miles southwest of the City of Midland. MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27] 09/17/16 17.00 CST 0 Hail (1.00 in) 09/17/16 17.00 CST 0 Hail (1.00 in) 09/17/16 17.00 CST 0 Hail (1.00 in) 09/17/16 17.00 CST 0 Source: NWS Employee MIDLAND COUNTY 5.0 W MIDLAND [32.00, -102.17] 09/17/16 17.00 CST 0 Hail (1.00 in) 09/17/16 17.00 CST 0 Source: NWS Employee A thunderstorm moved across Midland County and produced quarter sized hail and 60 mph wind gusts about five miles west of the City of Midland. ECTOR COUNTY 0.0 ESSA [31.85, -102.37] 09/17/16 17.06 CST 0 Source: NWS Employee A thunderstorm moved across Ector County and produced strong winds around 70 mph or higher in Odessa. An 18 wheel big rig flipped over on its side on eastbound interstate 20 and there was a blackout affecting 6,000 homes and businesses. The cost of damage is a very rough estimate. GLASSCOCK COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17.05 CST 0 Hail (1.00 in) 09/17/16 17.05 CST 0 Hail (1.75 in) 09/17/16 17.05 CST 0 Source: Trained Spotter HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17.05 CST 0 Hail (1.75 in) 09/17/16 17.05 CST 0 Source: Social Media ECTOR COUNTY 12.5 NWW NOTREES [32.08, -104.87] 09/17/16 18:00 CST 0 Source: Social Media	A thunderstorm moved cores Midland County and		t about thirtage mi		
MIDLAND COUNTY 3.0 SW WARFIELD [31:90, -102:27]	A thunderstorm moved across Midland County and	a produced a 60 mpn wind gust	t about thirteen mi	ies southwest of ivi	idiand.
MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27]	MIDLAND COUNTY 2.8 WSW WARFIELD [31.9			_	
MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27]					
OPIT/TIG 17:00 CST		09/17/16 17:04 CST		0	Source: NWS Employee
A thunderstorm moved across Midland County and produced a 70 to 80 mph wind gust about 13 miles southwest of the City of Midland. MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27]	MIDLAND COUNTY 3.0 SW WARFIELD [31.90,	=			
A thunderstorm moved across Midland County and produced a 70 to 80 mph wind gust about 13 miles southwest of the City of Midland. MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27]					
MIDLAND COUNTY 3.0 SW WARFIELD [31.90, -102.27]		09/17/16 17:00 CST		0	Source: NWS Employee
O9/17/16 17:00 CST	A thunderstorm moved across Midland County and	d produced a 70 to 80 mph wind	d gust about 13 m	iles southwest of th	ne City of Midland.
MIDLAND COUNTY 5.0 W MIDLAND [32.00, -102.17] 09/17/16 17:00 CST	MIDLAND COUNTY 3.0 SW WARFIELD [31.90,				
MIDLAND COUNTY 5.0 W MIDLAND [32.00, -102.17]				0	
O9/17/16 17:00 CST		09/17/16 17:05 CST		0	Source: NWS Employee
A thunderstorm moved across Midland County and produced quarter sized hail and 60 mph wind gusts about five miles west of the City of Midland. ECTOR COUNTY ODESSA [31.85, -102.37] 09/17/16 17:05 CST 09/17/16 17:06 CST 0 Source: Broadcast Media A thunderstorm moved across Ector County and produced strong winds around 70 mph or higher in Odessa. An 18 wheel big rig flipped over on its side on eastbound Interstate 20 and there was a blackout affecting 6,000 homes and businesses. The cost of damage is a very rough estimate. GLASSCOCK COUNTY LEES [32.08, -101.48] 09/17/16 17:23 CST 09/17/16 17:33 CST 0 Source: Public HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17:42 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:45 CST 09/17/16 18:00 CST 09/17/16 18:00 CST To Source: Social Media	MIDLAND COUNTY 5.0 W MIDLAND [32.00, -10	02.17]			
A thunderstorm moved across Midland County and produced quarter sized hail and 60 mph wind gusts about five miles west of the City of Midland. ECTOR COUNTY ODESSA [31.85, -102.37] 09/17/16 17:05 CST 09/17/16 17:05 CST 09/17/16 17:06 CST 09/17/16 18:00 CST 09/17/16 18:00 CST 0 Source: Social Media		09/17/16 17:00 CST		0	Hail (1.00 in)
### ECTOR COUNTY ODESSA [31.85, -102.37] 09/17/16 17:05 CST		09/17/16 17:05 CST		0	Source: NWS Employee
09/17/16 17:05 CST	A thunderstorm moved across Midland County and	d produced quarter sized hail ar	nd 60 mph wind g	usts about five mile	es west of the City of Midland.
A thunderstorm moved across Ector County and produced strong winds around 70 mph or higher in Odessa. An 18 wheel big rig flipped over on its side on eastbound Interstate 20 and there was a blackout affecting 6,000 homes and businesses. The cost of damage is a very rough estimate. GLASSCOCK COUNTY LEES [32.08, -101.48]	ECTOR COUNTY ODESSA [31.85, -102.37]				
A thunderstorm moved across Ector County and produced strong winds around 70 mph or higher in Odessa. An 18 wheel big rig flipped over on its side on eastbound Interstate 20 and there was a blackout affecting 6,000 homes and businesses. The cost of damage is a very rough estimate. GLASSCOCK COUNTY LEES [32.08, -101.48]		09/17/16 17:05 CST		0.10M	Thunderstorm Wind (EG 61 kt)
eastbound Interstate 20 and there was a blackout affecting 6,000 homes and businesses. The cost of damage is a very rough estimate. GLASSCOCK COUNTY LEES [32.08, -101.48] 09/17/16 17:23 CST 0 Hail (1.25 in) 09/17/16 17:33 CST 0 Source: Public HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17:42 CST 0 Hail (1.75 in) 09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media		09/17/16 17:06 CST		0	Source: Broadcast Media
09/17/16 17:23 CST 0 Hail (1.25 in) 09/17/16 17:33 CST 0 Source: Public HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17:42 CST 0 Hail (1.75 in) 09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media		•			0 0
HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17:42 CST 09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 18:00 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media	GLASSCOCK COUNTY LEES [32.08, -101.48]	00/47/40 47.00 007		•	H-1/4 0F (-)
HOWARD COUNTY 0.5 ESE SOUTH HAVEN [32.18, -101.47] 09/17/16 17:42 CST 0 Hail (1.75 in) 09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media					
09/17/16 17:42 CST 0 Hail (1.75 in) 09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi, W: 400 yd)		09/1//16 17:33 CS1		U	Source: Public
09/17/16 17:47 CST 0 Source: Trained Spotter HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi, W: 400 yd)	HOWARD COUNTY 0.5 ESE SOUTH HAVEN [3	2.18, -101.47]			
HOWARD COUNTY BIG SPRING [32.25, -101.47] 09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi, W: 400 yd)		09/17/16 17:42 CST		0	Hail (1.75 in)
09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi, W: 400 yd)		09/17/16 17:47 CST		0	Source: Trained Spotter
09/17/16 17:55 CST 0 Hail (1.00 in) 09/17/16 18:00 CST 0 Source: Social Media ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi, W: 400 yd)	HOWARD COUNTY BIG SPRING [32.25101.4	.71			
ECTOR COUNTY 12.5 NNW NOTREES [32.09, -102.81], 7.3 N NOTREES [32.03, -102.75] 09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi , W: 400 yd)		=		0	Hail (1.00 in)
09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi , W: 400 yd)		09/17/16 18:00 CST		0	
09/17/16 18:13 CST 30K Tornado (EF1, L: 5.87 mi , W: 400 yd)	ECTOR COUNTY 12 5 NNW NOTPEES 122 00	-102 811 7 3 N NOTDEES (22)	03 -102 751		
		= =	,	30K	Tornado (EF1, L: 5.87 mi , W: 400 yd)
		09/17/16 18:35 CST		0	Source: Trained Spotter

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Property &

Crop Dma

Event Type and Details

Deaths &

Iniuries

circulation moved southwest to the west of FM 181 and dissipated around 7:35 pm CDT. Storm chasers and spotters identified this funnel looking north from Goldsmith around 7:30 pm CDT. There was no evidence of damage or reports of the funnel cloud touching down. The tornado path width was estimated

Date/Time

Location

and the cost of damage is a very rough estimate.

-102.37], 1.9 NE GREENFIELD ACRES [31.89, -102.37]

ECTOR COUNTY 2.0 E GOLDSMITH	[31.98, -102.59]			
	09/17/16 18:50 CST	0.10M	Hail (2.75 in)	
	09/17/16 18:55 CST	0	Source: Public	
A thunderstorm moved across Ector Cou	unty and produced baseball sized hail two miles	east of Goldsmith . The I	nail severely damaged numerous homes	
and cars. The cost of damage is a very	rough estimate.			
ECTOR COUNTY 1.4 NNW WEST OF	DESSA [31.85, -102.51]			
	09/17/16 19:25 CST	0	Hail (1.00 in)	
	09/17/16 19:30 CST	0	Source: Trained Spotter	
ECTOR COUNTY 2.0 NW ODESSA [3	31.87, -102.39]			
	09/17/16 19:30 CST	0	Hail (1.50 in)	
	09/17/16 19:35 CST	0	Source: Public	
ECTOR COUNTY 1.7 NE ODESSA [3	1.86, -102.35]			
	09/17/16 19:34 CST	0	Hail (1.00 in)	
	09/17/16 19:40 CST	0	Source: Public	
ECTOR COUNTY 2.1 SE ODESSA [3 ⁻	1.83, -102.34]			
	09/17/16 19:39 CST	0	Hail (1.00 in)	
	09/17/16 19:45 CST	0	Source: Trained Spotter	
ECTOR COUNTY 1.7 ESE ODESSA E WEST ODESSA [31.88, -102.53]	ECTOR CO ARPT [31.91, -102.35], 2.0 E ODES	SA [31.85, -102.34], 1.2 E	SE DOURO [31.76, -102.50], 4.0 NNW	
	09/17/16 20:00 CST	5K	Flash Flood (due to Heavy Rain)	
	09/17/16 20:30 CST	0	Source: Broadcast Media	
Heavy rain fell across Ector County and The cost of damage is a very rough estir	produced flash flooding in Odessa. There were nate.	e three high water rescues	in Odessa between 9 and 9:30 pm CDT.	

0.50K

0

Heavy rain fell across Ector County and produced flash flooding in Odessa. The media reported two feet of water at the intersection of 42nd and Dixie Boulevard in Odessa. The cost of damage is a very rough estimate.

An upper level disturbance moved over the area, and a lingering frontal boundary was across the Permian Basin. Upper level lift associated with an area of intense winds aloft moved over the region. There was good wind shear, moisture, and instability across West Texas and southeast New Mexico. Two other boundaries were moving toward the area and possibly collided with the initial boundary. These conditions combined to create good lift in the atmosphere which resulted in widespread thunderstorms with large hail across southeast New Mexico and the Permian Basin. The wind shear created spin in the atmosphere which allowed for tornadoes to develop in the Permian Basin and southeast New Mexico. Deep moisture across the area resulted in flash flooding that developed in the Permian Basin.

09/17/16 21:30 CST

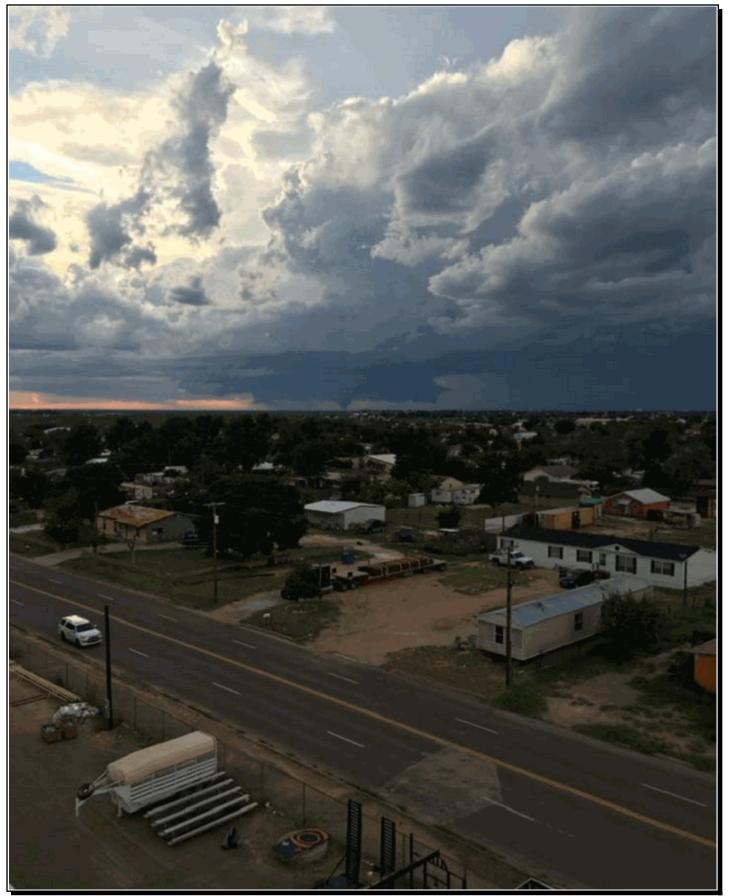
09/17/16 22:10 CST

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Flash Flood (due to Heavy Rain)

Source: Broadcast Media

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



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



A thunderstorm produced a tornado near Goldsmith. The tornado snapped several electrical power poles and overturned a tank battery along its path. Photo is courtesy of CBS 7.

MITCHELL COUNTY --- 2.3 S BUFORD [32.44, -100.86], 2.0 NW COLORADO CITY ARPT [32.44, -100.85], 5.5 SSE COLORADO CITY [32.33, -100.81], 5.3 SSE COLORADO CITY [32.33, -100.83]

 09/17/16 18:30 CST
 0
 Flash Flood (due to Heavy Rain)

 09/17/16 20:30 CST
 0
 Source: Law Enforcement

Heavy rain fell across Mitchell County and produced flash flooding along Highway 208 and Highway 139.

Moisture was moving over the region ahead of an upper trough that transitioned into a closed low and moved over the Northern Plains. An area of increased upper level winds as well as an upper level disturbance was over the area as a result of this upper pattern, and a surface trough was across West Texas. This good lift and moisture combined with good instability to produce thunderstorms with heavy rain across the area. The heavy rain lead to flash flooding across the Western Low Rolling Plains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

09/26/16 00:51 MST 0 High Wind (MAX 57 kt)

09/26/16 13:51 MST 0

A strong cold front resulted in strong, northeast, gap winds through Guadalupe Pass.

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