	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
NEW MEXICO, Southeast					
LEA COUNTY HOBBS [32.70, -103.13]					
	05/02/09 20:00 MST		0	Hail (1.75 in)	
	05/02/09 20:02 MST		0	Source: Law Enforcement	
A quasi-stationary cold front was located over indicated the approach of an upper level sho Moderate surface based CAPE values along front, the cooling of the mid to upper levels ver producing hail over Lea County, NM.	rtwave trough into the area dui the front were also noted. The	ring the evening h combination of in	ours from the Fou	ur Corners Region. convergence along the	
(NM-Z027) GUADALUPE MOUNTAINS OF EDI	DY COUNTY				
,	05/14/09 03:00 MST		0	High Wind (MAX 54 kt)	
	05/14/09 04:00 MST		0	3	
A strong cold front moved through southeas The northeast surface winds behind this fron	= '			_	
EDDY COUNTY 13.4 SW LAKEWOOD [32.5	51, -104.55] 05/24/09 14:30 MST		0	Hail (0.75 in)	
	05/24/09 14:32 MST		0	Source: Trained Spotter	
	UUIZ4/UU 14.32 IVIO I		U	Source. Trained Spotter	
EDDY COUNTY 3.2 SSW (CNM)CARLSBAD	O ARPT [32.29, -104.28]				
EDDY COUNTY 3.2 SSW (CNM)CARLSBAE	O ARPT [32.29, -104.28] 05/24/09 15:56 MST		0	Hail (0.88 in)	
EDDY COUNTY 3.2 SSW (CNM)CARLSBAE  An embedded shortwave trough within the w moderate surface based instability, one seve	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a		0 ral New Mexico.	Source: Trained Spotter	
An embedded shortwave trough within the w	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop o		0 ral New Mexico. NM.	Source: Trained Spotter  Combined with	
An embedded shortwave trough within the w moderate surface based instability, one seve	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop of 04.63] 05/28/09 14:00 MST		0 ral New Mexico. 0 NM.	Source: Trained Spotter  Combined with  Hail (0.75 in)	
An embedded shortwave trough within the w noderate surface based instability, one seve	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop o		0 ral New Mexico. NM.	Source: Trained Spotter  Combined with	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST		0 ral New Mexico. 0 NM.	Source: Trained Spotter  Combined with  Hail (0.75 in)	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in the second sec	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a are storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth.		0 ral New Mexico. 0 NM.	Source: Trained Spotter  Combined with  Hail (0.75 in)	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a are storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth.		0 ral New Mexico. 0 NM.	Source: Trained Spotter  Combined with  Hail (0.75 in)	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in the second sec	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a are storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth.		0 ral New Mexico. NM.  0 0	Source: Trained Spotter  Combined with  Hail (0.75 in)  Source: Park/Forest Service	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in the second sec	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth. 104.56] 05/28/09 14:44 MST 05/28/09 14:47 MST ped across southeast New Mex the afternoon hours as the sub	ver Eddy County,	0 ral New Mexico. NM.  0 0 0 cous for isolated st increased. In add	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public  severe convection on this dition, MLCAPE values	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in a EDDY COUNTY 10.9 ESE QUEEN [32.14, -1]. A surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters con	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a re storm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth. 104.56] 05/28/09 14:44 MST 05/28/09 14:47 MST ped across southeast New Mex the afternoon hours as the sub	ver Eddy County,	0 ral New Mexico. NM.  0 0 0 cous for isolated st increased. In add	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public  severe convection on this dition, MLCAPE values	
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in EDDY COUNTY 10.9 ESE QUEEN [32.14, -1]. A surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters conhours.	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a restorm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth.  104.56] 05/28/09 14:44 MST 05/28/09 14:47 MST ped across southeast New Mex the afternoon hours as the subtributed to small hail reports fr	ver Eddy County,	0 ral New Mexico. NM.  0 0 0 cous for isolated st increased. In add	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public  severe convection on this dition, MLCAPE values	
An embedded shortwave trough within the will moderate surface based instability, one seven ender the surface based instability, one seven ender the surface the ground about 4 inches in a surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters conhours.	05/24/09 15:56 MST 05/24/09 15:58 MST resterly mid level flow, moved a restorm was able to develop of 04.63] 05/28/09 14:00 MST 05/28/09 14:05 MST depth.  104.56] 05/28/09 14:44 MST 05/28/09 14:47 MST ped across southeast New Mex the afternoon hours as the subtributed to small hail reports fr	ver Eddy County,	0 ral New Mexico. NM.  0 0 0 cous for isolated st increased. In add	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public  severe convection on this dition, MLCAPE values	
An embedded shortwave trough within the will moderate surface based instability, one seven ender the surface based instability, one seven ender the surface the ground about 4 inches in a surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters conhours.	05/24/09 15:56 MST 05/24/09 15:58 MST  resterly mid level flow, moved a prestorm was able to develop of the storm was able to develo	ver Eddy County,	oral New Mexico.  NM.  0 0 0 cous for isolated stincreased. In ad	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public severe convection on this dition, MLCAPE values g the late afternoon	_
An embedded shortwave trough within the w moderate surface based instability, one seve EDDY COUNTY 6.2 ENE QUEEN [32.23, -10]. The hail covered the ground about 4 inches in EDDY COUNTY 10.9 ESE QUEEN [32.14, -1]. A surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters conhours.  TEXAS, West  (TX-Z258) GUADALUPE MOUNTAINS OF CUL	05/24/09 15:56 MST 05/24/09 15:58 MST  resterly mid level flow, moved a re storm was able to develop of the storm was able to develo	cico served as a fo otropical flow alof om Eddy County	O NM.  O O O O O O O O O O O O O O O O O O O	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public severe convection on this dition, MLCAPE values g the late afternoon  High Wind (MAX 52 kt)	
An embedded shortwave trough within the will moderate surface based instability, one seven ender the surface based instability, one seven ender the surface the ground about 4 inches in a surface trough/convergence boundary draiday. Deep layer shear was enhanced during neared 1000 j/kg. These two parameters conhours.	05/24/09 15:56 MST 05/24/09 15:58 MST  resterly mid level flow, moved a re storm was able to develop of the storm was able to develo	cico served as a fo otropical flow alof om Eddy County	O NM.  O O O O O O O O O O O O O O O O O O O	Source: Trained Spotter  Combined with  Hail (0.75 in) Source: Park/Forest Service  Hail (0.88 in) Source: Public severe convection on this dition, MLCAPE values g the late afternoon  High Wind (MAX 52 kt)	

[29.20, -102.97], 21.0 ESE PANTHER JUNCTION [29.20, -102.97]

05/09/09 18:23 CST

05/09/09 19:23 CST

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Flash Flood (due to Heavy Rain)

Source: Park/Forest Service

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
he National Park Dispatch Center nis location, no accidents or injurie	reported flowing water over SH 120 just no es were reported.	orth of the Rio Gran	ide Village. Althou	gh multiple vehicles hydroplaned near
	ong a stationary boundary near the Big Bory ny heavy rainfall and flash flooding near t			
REEVES COUNTY 3.0 E VALLE	Y FARM [31.27, -103.50]			
	05/10/09 19:00 CST		0	Hail (0.75 in)
	05/10/09 19:02 CST		0	Source: Law Enforcement
BREWSTER COUNTY 0.9 NE M	ARATHON [30.21, -103.24]			
	05/10/09 19:20 CST		0	Hail (0.75 in)
	05/10/09 19:24 CST		0	Source: Public
BREWSTER COUNTY 0.9 NE M	ARATHON [30.21, -103.24]			
	05/10/09 19:26 CST		0	Hail (1.75 in)
	05/10/09 19:28 CST		0	Source: Public
BREWSTER COUNTY 3.9 NNE	MARATHON [30.25, -103.22]			
	05/10/09 19:30 CST		0	Hail (1.00 in)
	05/10/09 19:32 CST		0	Source: Trained Spotter
BREWSTER COUNTY 10.9 SW	HAYMOND [30.02, -103.15]			
	05/10/09 19:50 CST		0	Hail (1.50 in)
	05/10/09 19:52 CST		0	Source: Trained Spotter
BREWSTER COUNTY 6.3 SSE	MARATHON [30.12, -103.20]			
	05/10/09 19:54 CST		0	Hail (1.25 in)

The hail covered the road and was about 2 inches deep.

05/10/09 21:09 CST 88K Thunderstorm Wind (EG 61 kt) 05/10/09 21:30 CST 0 Source: NWS Storm Survey

A NWS Storm Survey concluded that damage was done to 44 power poles near Ranch Road 2627 in Brewster County, TX. Some of the poles were snapped 3 to 4 feet above the ground and all the poles fell to the south as the storm moved in the same direction around 20 mph. The poles were not consecutively snapped in a row. At times, there were 15 snapped...then a gap...and then more snapped as you moved southeastward down the line. Please see the attached images for a detailed look at the damage path.

Intense daytime heating over the higher terrain of west Texas resulted in isolated convection developing south of a stationary boundary over the area. Surfaced based CAPE values near 2000 j/kg and 0-6 km bulk shear magnitudes of 30 knots also resulted in supercells producing large hail and damaging winds.

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



Image showing a power pole snapped near its base along the damage path. This photo was taken by Pat Vesper, WCM WFO Midland, TX.

HOTHALD GOODIN I LIE HAN OLI	TLERS ADDITION [32.25, -101.55]			
	05/12/09 17:28 CST	0	Hail (0.88 in)	
	05/12/09 17:30 CST	0	Source: Law Enforcement	
SCURRY COUNTY 3.3 SSW KNA	NPP [32.61, -101.15]			
	05/12/09 18:06 CST	0	Hail (1.25 in)	
	05/12/09 18:07 CST	0	Source: COOP Observer	
SCURRY COUNTY 1.4 S UNION	[32.71, -101.00]			
	05/40/00 40:00 OOT	0	Hail (0.88 in)	
	05/12/09 18:33 CST	0	1 Idii (0.00 III)	
	05/12/09 18:33 CST 05/12/09 18:34 CST	0	Source: Public	
	05/12/09 18:34 CST e heating, adequate low level moisture ahead of a d severe storms over the Permian Basin of Texas.	0 dryline, and a mid leve	Source: Public	
over the region, resulted in severa	05/12/09 18:34 CST e heating, adequate low level moisture ahead of a d severe storms over the Permian Basin of Texas.	0 dryline, and a mid leve	Source: Public	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/14/09 19:18 CST		0	Hail (0.75 in)
	05/14/09 19:23 CST		0	Source: Public
DAWSON COUNTY 0.6 W LAMESA [32.73,	-101.96] 05/14/09 19:23 CST		0	Hoil (1.75 in)
	05/14/09 19:25 CST		0	Hail (1.75 in) Source: Trained Spotter
	05/14/09 19.25 CS1		U	Source. Trained Spotter
DAWSON COUNTY 15.0 W LAMESA [32.73	s, -102.21]			
•	05/14/09 19:45 CST		0	Hail (1.00 in)
	05/14/09 19:50 CST		0	Source: Law Enforcement
DAWSON COUNTY 7.0 SW LAMESA [32.66	S102.041			
	05/14/09 19:45 CST		0	Hail (1.25 in)
	05/14/09 19:50 CST		0	Source: Trained Spotter
DAWSON COUNTY 7.0 SW LAMES A 122 SE	: 402.041			
DAWSON COUNTY 7.0 SW LAMESA [32.66	05/14/09 20:03 CST		0	Hail (2.00 in)
	05/14/09 20:08 CST		0	Source: Trained Spotter
				,
DAWSON COUNTY 7.0 SW LAMESA [32.66				
	05/14/09 20:30 CST		0	Hail (1.00 in)
	05/14/09 21:15 CST		0	Source: Trained Spotter
DAWSON COUNTY 7.0 SW LAMESA [32.66	5, -102.04]			
·	05/14/09 20:46 CST		0	Hail (2.00 in)
	05/14/09 21:46 CST		0	Source: Trained Spotter
DAWSON COUNTY 2.1 SSW LAMESA [32.7	70, -101.96] 05/14/09 20:59 CST		0	Hail (0.88 in)
	05/14/09 21:05 CST		0	Source: Public
A cold front was draped across the region thi Although bulk shear vector magnitudes were provided enough horizontal vorticity for supe  JEFF DAVIS COUNTY 17.0 E FT DAVIS [30]	not that impressive (20-30 know ercells to develop in an environ	ots), enhanced lo	w to mid level flow	near the surface low
oz. i zavio odaki i i i i zavio jed	05/15/09 13:50 CST		0	Hail (1.75 in)
	05/15/09 13:54 CST		0	Source: Fire Department/Rescue
PECOS COUNTY 18.0 S FT STOCKTON [30				11.77.77.00
	05/15/09 14:25 CST		0	Hail (1.00 in)
	05/15/09 14:30 CST		0	Source: Public
PECOS COUNTY 18.3 WNW LONGFELLOW	V [30.31, -102.89] 05/15/09 15:45 CST		0	Hail (1.00 in)
	05/15/09 15:48 CST		0	Source: Public
TERRELL COUNTY DRYDEN FFA SITE [30				T
	05/15/09 18:12 CST		0	Thunderstorm Wind (EG 50 kt)
	05/15/09 18:13 CST		0	Source: ASOS
Convection developed ahead of an approach level support, a cold front served as a focus to due to extensive cloud cover, a few severe st Texas.	for thunderstorm development	. Although instal	oility was not very	impressive on this day
(TX-Z258) GUADALUPE MOUNTAINS OF CUL	BERSON COUNTY			
•	05/16/09 04:51 MST		0	High Wind (MAX 37 kt)
	05/16/09 05:51 MST		0	

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Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	the mountains of west Texas on this day, s behind this front were funneled through		-	_
	T DAVIS [30.59, -103.90], 1.3 NNW FT DAV	= '	=	AVIS [30.60, -103.89], 1.1 NW FT
DAVIS [30.59, -103.89], 1.1 WNW FT	DAVIS [30.59, -103.90], 1.5 WNW FT DAVI 05/22/09 14:45 CST	S [30.59, -103.90	<b>)]</b> 0	Flash Flood (due to Heavy Rain)
	05/22/09 16:00 CST		0	Source: Fire Department/Rescue
Several road closures were reported b	by the fire department in Fort Davis, TX.			
	y showed deep layer moisture from Midla d in heavy rainfall over the mountainous t			bined with a mid level
GAINES COUNTY 1.8 SE SEMINO	DLE [32.70, -102.63]			
	05/24/09 22:13 CST		0	Hail (0.75 in)
	05/24/09 22:14 CST		0	Source: Public
surface based instability, one severe	hin the westerly mid level flow, moved ac e storm was able to develop over Gaines		ral New Mexico. C	Combined with moderate
PECOS COUNTY 1.8 NW BAKERS	SFIELD [30.90, -102.30] 05/25/09 13:29 CST		0	Hoil (4.00 in)
	05/25/09 13:29 CST 05/25/09 13:31 CST		0	Hail (1.00 in) Source: Trained Spotter
	03/23/09 13.31 031		O	Source. Trained Spotter
BORDEN COUNTY 3.0 NNW GAIL	[32.81, -101.45]			
	05/25/09 17:53 CST		0	Hail (0.88 in)
	05/25/09 17:55 CST		0	Source: Public
PRESIDIO COUNTY 0.9 NE PRESI	IDIO [29.56, -104.36]			
	05/25/09 18:50 CST		0	Hail (1.00 in)
	05/25/09 18:53 CST		0	Source: COOP Observer
scattered convection mainly over th heating.	dary layer moisture and enhanced mid to ne southern CWA. This is where the great			-
GLASSCOCK COUNTY 9.4 W LEE	ES [32.08, -101.64] 05/26/09 15:34 CST		0	Hail (1.00 in)
	05/26/09 15:39 CST		0	Source: Trained Spotter
	03/20/09 13:39 001		Ü	Source. Trained opotter
HOWARD COUNTY 5.0 SSW SOU	TH HAVEN [32 11 -101 50]			
110WARD 000W11 0.0 00W 000	05/26/09 15:46 CST		0	Hail (1.00 in)
	05/26/09 15:48 CST		0	Source: Trained Spotter
HOWARD COUNTY 2.2 W SOUTH	HAVEN [32.18, -101.52]			
	05/26/09 16:10 CST		0	Hail (0.75 in)
	05/26/09 16:11 CST		0	Source: Trained Spotter
HOWARD COUNTY 4.3 ENE LOM	AX [32.14, -101.56]			
	05/26/09 16:10 CST		0	Hail (1.25 in)
	05/26/09 16:13 CST		0	Source: Trained Spotter
HOWARD COUNTY 2.0 SE SOUTH	H HAVEN [32.16, -101.46]			
	05/26/09 16:24 CST		0	Hail (1.25 in)
	05/26/09 16:27 CST		0	Source: Trained Spotter
HOWARD COUNTY KNOTT [32.40	), -101.65]			
Autori Lomito	05/26/09 16:27 CST		0	Hail (1.00 in)
	05/26/09 16:28 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY 5.0 N FAIRVIEW [3]	2.42, -101.52]			
	05/26/09 16:56 CST		0	Hail (0.88 in)
	05/26/09 16:58 CST		0	Source: Trained Spotter
ORDEN COUNTY 11.8 W LAKE J B TI				
	05/26/09 17:20 CST		0	Hail (1.25 in)
	05/26/09 17:23 CST		0	Source: Trained Spotter
CURRY COUNTY FRANKLIN CENTER				
	05/26/09 17:42 CST		0	Hail (0.88 in)
	05/26/09 17:43 CST		0	Source: Fire Department/Rescue
urface convergence along a cold front on a cold front of the start out of New Mexico, resulted in the start of the start o		=		
REWSTER COUNTY 15.7 SSE ALPINI	<u> </u>			
	05/27/09 16:06 CST		0	Hail (0.88 in)
	05/27/09 16:08 CST		0	Source: Public
REWSTER COUNTY 0.6 W ALPINE [3	0.37, -103.68]			
	05/27/09 16:30 CST		0	Hail (1.00 in)
	05/27/09 17:25 CST		0	Source: COOP Observer
REWSTER COUNTY 0.7 S ALPINE [30	- · · · · · · · · · · · · · · · · · · ·			
	05/27/09 17:13 CST		0	Hail (2.00 in)
	05/27/09 17:18 CST		0	Source: Public
During this day, convection initiated over The deep layer shear was not that great in embedded shortwave trough passed nea advection from an 850 mb jet, resulted in	nitially, but increased later in the d r the Big Bend of Texas.  This, con	lay as a weak mid nbined with mode	level speed max a	associated with an
REWSTER COUNTY 0.7 S ALPINE [30	- · · · · · · · · · · · · · · · · · · ·		0	Hail (0.99 ia)
	05/28/09 15:05 CST		0	Hail (0.88 in) Source: Public
	05/28/09 15:08 CST		0	Source. Public
ECOS COUNTY 18.3 WNW LONGFEL			_	
	05/28/09 16:52 CST		0	Hail (0.88 in)
	05/28/09 16:55 CST		0	Source: Public
VINKLER COUNTY 0.7 N WINK [31.76,	-103.15]			
	05/28/09 17:34 CST		0	Hail (1.75 in)
	05/28/09 17:36 CST		0	Source: Law Enforcement
Upslope flow, a weak subtropical shortwa of southwest Texas. The 0-6 km bulk she 1000-1500 j/kg across the area of interest reports.	ar was near 35-45 knots during the	e afternoon and N	LCAPE values we	re estimated near

PECOS COUNTY --- 1.7 NNW FT STOCKTON [30.90, -102.88], 2.0 SE FT STOCKTON ARPT FST [30.90, -102.89], 2.1 W FT STOCKTON [30.88, -102.90], 0.7 WSW FT STOCKTON [30.88, -102.88], 0.7 NNE FT STOCKTON [30.89, -102.86], 1.6 N FT STOCKTON [30.90, -102.87]

05/30/09 15:33 CST 5K Flash Flood (due to Heavy Rain) 0 05/30/09 16:00 CST Source: Law Enforcement

The local law enforcement reported roads were impassible at 1530 CST due to high water and a motorist was stranded at Nelson and 1st Street. The motorist was not injured. In addition, the public reported standing water depths of 1 foot and multiple softball fields covered with water in Fort Stockton at

A mid-level shortwave trough moved into southwest Texas on this day and when combined with persistent moist upslope flow, resulted in thunderstorm development across southwest Texas. Weak flow through the middle column of the atmosphere resulted in

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
slow moving storms. In addition, pre produced flash flooding during the la	cipitable water values were above nor te afternoon hours.	mal for late May.	One storm located	d over Fort Stockton, TX	
GAINES COUNTY 2.1 S SEMINOLE	[32.69, -102.65]				
	05/31/09 20:22 CST		0	Hail (0.88 in)	
	05/31/09 20:23 CST		0	Source: Trained Spotter	
GLASSCOCK COUNTY 6.2 ENE ST	LAWRENCE [31.70, -101.40]				
	05/31/09 21:05 CST		0	Hail (0.88 in)	
	05/31/09 21:07 CST		0	Source: Trained Spotter	
REAGAN COUNTY 10.9 NNW STIL	ES [31.55, -101.64]				
	05/31/09 22:10 CST		0	Hail (1.00 in)	
	05/31/09 22:12 CST		0	Source: Law Enforcement	
REAGAN COUNTY 9.9 NNE STILES	S [31.53, -101.51]				
	05/31/09 22:24 CST		0	Hail (0.88 in)	
	05/31/09 22:26 CST		0	Source: Trained Spotter	

Although the deep layer shear this day was relatively weak compared to the previous days, there was plenty of boundary layer moisture/instability to work with. Steep mid-level lapse rates and low wet bulb zero heights also resulted in increased hail threats from any storms that developed within a theta-e ridge axis positioned over the east central CWA.

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