

Storm Data and Unusual Weather Phenomena - July 2008

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

NEW MEXICO, Southeast

EDDY COUNTY --- 0.5 ESE ARTESIA [32.83, -104.39], 1.0 NE ILLINOIS CAMP [32.86, -104.39], 1.0 NNW ILLINOIS CAMP [32.86, -104.41], 1.9 WSW ARTESIA [32.82, -104.43]

	07/08/08 20:30 MST	0	Flash Flood (due to Heavy Rain)
	07/08/08 22:30 MST	0	Source: Trained Spotter

A trained spotter reported six to eight inches of water flowing across several street intersections in Artesia.

An increased potential for heavy rainfall existed across much of the region. The prevailing upper level pattern over the area led to weak storm steering currents. This coupled with abundant atmospheric moisture resulted in thunderstorms, which in turn produced heavy rainfall and flash flooding across southeast New Mexico.

EDDY COUNTY --- 12.0 WSW LAKEWOOD [32.56, -104.56], 10.1 WSW LAKEWOOD [32.58, -104.53], 7.9 WSW LAKEWOOD [32.57, -104.48], 11.0 WSW LAKEWOOD [32.55, -104.53]

	07/10/08 00:02 MST	0	Flash Flood (due to Heavy Rain)
	07/10/08 02:00 MST	0	Source: Trained Spotter

A trained spotter reported one foot of water flowing across New Mexico State Highway 401.

EDDY COUNTY --- 0.5 SSE CARLSBAD [32.41, -104.23], 0.5 S CARLSBAD [32.41, -104.23], 0.6 S CARLSBAD [32.41, -104.23], 0.6 SSE CARLSBAD [32.41, -104.23]

	07/10/08 00:05 MST	0	Flash Flood (due to Heavy Rain)
	07/10/08 03:00 MST	0	Source: Trained Spotter

Six inches of water flowed across the intersection of Roosevelt street and New Mexico State Highway 285/180.

EDDY COUNTY --- 9.7 ENE DAYTON [32.80, -104.19], 9.3 ENE DAYTON [32.80, -104.20], 9.1 ENE DAYTON [32.79, -104.20], 9.5 ENE DAYTON [32.79, -104.19]

	07/10/08 00:15 MST	0	Flash Flood (due to Heavy Rain)
	07/10/08 02:15 MST	0	Source: Trained Spotter

A trained spotter reported two feet of water running across the intersection of County Road 206 and U.S. Highway 82.

EDDY COUNTY --- 12.0 WSW LAKEWOOD [32.56, -104.56], 11.7 WSW LAKEWOOD [32.57, -104.56], 9.5 WSW LAKEWOOD [32.58, -104.52], 9.7 WSW LAKEWOOD [32.56, -104.52]

	07/10/08 03:45 MST	0	Flash Flood (due to Heavy Rain)
	07/10/08 06:00 MST	0	Source: Trained Spotter

Heavy rainfall resulted in three feet of water flowing across County Road 401 southwest of Lakewood.

An area of showers and a few embedded thunderstorms repeatedly produced rainfall over much of Eddy County. Although rainfall was not particularly heavy, persistent, moderate rains led to flash flooding across the area.

TEXAS, West

MARTIN COUNTY --- 1.3 E ACKERLY [32.52, -101.70], 1.1 ENE ACKERLY [32.53, -101.70], 0.2 NNW ACKERLY [32.52, -101.72], 0.2 SE ACKERLY [32.52, -101.72], 1.8 E ACKERLY [32.52, -101.69]

	07/12/08 21:05 CST	0	Flash Flood (due to Heavy Rain)
	07/12/08 23:00 CST	0	Source: Trained Spotter

A skywarn storm spotter reported a farm road was washed out near Texas State Highway 137 and Farm to Market Road 2002.

SCURRY COUNTY --- IRA [32.58, -101.00], 0.4 W IRA [32.58, -101.01], 0.6 NNW IRA [32.59, -101.01], 0.4 NNE IRA [32.59, -101.00]

	07/12/08 21:30 CST	0	Flash Flood (due to Heavy Rain)
	07/12/08 23:30 CST	0	Source: Fire Department/Rescue

Six inches of water was flowing across County Road 1606 in Ira.

Storm Data and Unusual Weather Phenomena - July 2008

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

An unseasonably strong cold front began pushing southward through the Texas Panhandle in the early morning hours. This boundary progressed southward into the Permian Basin, and with ample low level moisture in place, thunderstorms began to increase in coverage and intensity. The cold front stalled across this area by the late afternoon, producing heavy rainfall. This resulted in flash flooding in the Western Low Rolling Plains.

ECTOR COUNTY --- 1.0 WSW ODESSA ECTOR CO ARPT [31.91, -102.40]

07/30/08 15:04 CST	1K	Thunderstorm Wind (EG 56 kt)
07/30/08 15:10 CST	0	Source: Trained Spotter

Severe thunderstorm winds blew the roof off of a well house in Odessa.

BREWSTER COUNTY --- 6.2 ENE PANTHER JUNCTION [29.32, -103.20]

07/30/08 15:40 CST	0	Hail (1.00 in)
07/30/08 15:45 CST	0	Source: Park/Forest Service

A stalled frontal boundary extending from central Oklahoma into west Texas became the focal point for afternoon thunderstorm development. As morning cloud cover dissipated, the combination of daytime heating and sufficient moisture resulted in isolated severe thunderstorms across the area.