



August 2005 Time Local Path Length Path Number of Estimated Persons Width Damage **NEW MEXICO, Southeast** Lea County 3 W Eunice 08 1630MST 0 0 150K 0 Thunderstorm Wind (EG60) An oil company reported a rig was blown over three miles west of Eunice and one mile north of New Mexico Highway 176. High winds resulted in guidewires being broken as the rig tipped on its side. Radar data indicated thunderstorms north of the area and a westward moving outflow boundary east of Eunice. Lea County 1630MST Hail(0.88) **Tatum** 08 **Eddy County** Carlsbad 08 1800MST Thunderstorm Wind (EG50) The Eddy County Sheriff's Office reported wind gusts of 60 mph. No damage was reported. **Eddy County** Carlsbad 08 0 Flash Flood The Eddy County Sheriff's Office and several spotters reported flash flooding in Carlsbad. Six to eight inches of water flowed over Ortega and Lee Streets and many others in northwestern Carlsbad. Additionally, water flowed from curb to curb on other major low lying roads. A trained spotter reported that a foot and a half of water was running over the intersection of Mesa and Blodgett Streets in Carlsbad. A series of thunderstorms moved into southeastern New Mexico from the north on the afternoon of the 8th. A few of these storms became severe producing damaging winds and large hail in Lea and Eddy counties before merging into a single, multicell complex over Carlsbad. This complex persisted for over an hour and produced flash flooding in Carlsbad. Lea County **Hobbs** 1227MST Hail(0.88) Dime to nickel size hail was reported near Kansas and Alabama Streets in Hobbs. **Eddy County** 2 N Artesia 13 1500MST 0 0 Thunderstorm Wind (EG50) 35K A National Weather Service trained spotter reported that a mobile home was blown over **Eddy County** Artesia 1511MST 1730MST Flash Flood A National Weather Service trained spotter reported that several streets in Artesia were flooded. Lea County Lovington 60K Flash Flood 13 The Lovington Police Department reported that water was over a cruiser's hood when driving through many streets in Lovington. They called in all off-duty personnel to assist with widespread high water rescues due to the ongoing county fair. Flooded streets included: Main, Washington, Love, Commercial and Avenue D. Many businesses also were flooded. Lea County Hobbs 13 1900MST 5K Flash Flood The Hobbs Police Department reported that several city streets were flooded. The floodwaters floated a deputy's car and several residents were stranded, though none had to be rescued. The public also reported that Turner Street was under nearly half a foot of running water. Lea County 31 WSW Jal 20K 0 Flash Flood

The public reported that high water threatened homes in rural Lea county.





August 2005 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage **NEW MEXICO, Southeast Eddy County** 1810MST 2100MST 0 Loving 14 0 0 0 Flash Flood The Loving Police Department reported nearly half a foot of water running through several streets in Loving Lea County 1910MST 2200MST Hobbs 14 Flash Flood The Hobbs Police Department reported that running water covered the 1400 block of Turner. **Eddy County** Carlsbad 0020MST 0330MST Flash Flood 19 0 The Eddy County Sheriff's Office reported street flooding throughout Carlsbad. **Eddy County** Whites City 19 1815MST 0 Hail(1.00) 1824MST **Eddy County** 12 SW Carlsbad to 19 1839MST 0 20K 0 Thunderstorm Wind (EG50) Carlsbad 1848MST Power poles were blown down in Happy Valley and Carlsbad **Eddy County** Lakewood 19 1910MST Hail(0.88) **Eddy County** 12 NW Carlsbad 1914MST 2200MST 19 Flash Flood A National Weather Service trained spotter reported flash flooding at U.S. Highway 285 and Brantley Dam Road **Eddy County** Whites City 1934MST 2200MST Flash Flood 19 0 0

The Eddy County Sheriff's Office reported flash flooding on many roads in Whites City.

An isolated severe thunderstorm developed in Eddy county during the late afternoon of the 19th producing damaging winds, large

hail, and flash flooding across the county.

**Eddy County** 12 S Carlsbad to 16 SE Carlsbad 0 Flash Flood 20 1251MST 1551MST 0





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#### **NEW MEXICO, Southeast**



Flash flooding on Eddy County Road 720. The photographer reported that water depth was two feet. Photo Courtesy: Wendall Malone

A National Weather Service trained spotter reported two feet of water flowing over Eddy County Road 720 making the road

impassable. Lea County Hobbs 20 Flash Flood The Lea County Sheriff's Office and the Hobbs Police Department reported that all roads in Hobbs were affected by flash flooding. Road crews blocked off roads that were impassable. **Eddy County** 2202MST 0000MST 5 SW Carlsbad 10K Flash Flood A National Weather Service trained spotter reported that a high water rescue was performed when three people were stranded in a submerged vehicle on Hidalgo Road near Dark Canyon Draw. Several thunderstorms tracked across southeastern New Mexico producing flash flooding in both urban and rural areas. One high water rescue was performed to rescue three people in a vehicle on Hidalgo Road near Dark Canyon Draw **Eddy County** 10 E Hope Nickel to golfball size hail was reported by a motorist and the Hope postmaster east of Hope on U.S. Highway 82 **Eddy County** Flash Flood Artesia 23 1645MST Roads crossing Eagle Draw in Artesia had up to two feet of water running across them. Lea County 2 NW Tatum 23 1700MST Hail(1.00) Nickel to quarter size hail was reported by an amateur radio operator northwest of Taturr.





August 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage **NEW MEXICO, Southeast** Lea County 10K 6 N Hobbs 23 1812MST 0 0 2KThunderstorm Wind (EG50) Two inch diameter limbs were broken off trees in a pecan orchard north of Hobbs. In addition, a window was broken at a strip mall near the orchard. Lea County 0 Thunderstorm Wind (EG50) 1 S Hobbs 23 1830MST 0 0 5K A second storm blew down a power pole and several large light poles on the south side of Hobbs on the evening of the 23rd. Lea County Hobbs 23 1851MST 2100MST 0 Flash Flood Many streets in Hobbs were affected by flash flooding. Thunderstorms initiated by mid-afternoon in western Eddy County. Several severe thunderstorms formed, producing damaging winds and large hail to the size of golf balls. These storms also produced enough rain to cause flash flooding near Artesia and in Hobbs, New Mexico. **Eddy County** 2 E Queen Hail(1.50) An isolated severe thunderstorm dropped ping pong ball size hail just east of Queen. **Eddy County** 14 WNW Carlsbad 29 0514MST 0914MST 0 0 0 0 Flash Flood A National Weather Service trained spotter reported that two to three feet of water was running over the intersection of Eddy County road 401 and New Mexico Highway 137. **Eddy County** 0600MST 1100MST 12 NW Carlsbad Flash Flood Thunderstorms in the Sacramento mountains of southeastern New Mexico on the 28th produced heavy rain that eventually flowed down Rocky Arroyo northwest of Carlsbad. Low water crossings across New Mexico Highway 137 had three feet of water flowing across them requiring drivers to turn around and find alternate routes. Flooding of low water crossings along the Rio Penasco on various county roads south of Artesia also was reported, some of these roads were impassable. TEXAS, West **Pecos County** 20 SE Bakersfield 04 0252CST Hail(2.00) An isolated severe thunderstorm traveled across Pecos county, producing hen egg size hail southeast of Bakersfield. **Ector County** 0430CST Thunderstorm Wind (MG63) 5 N Odessa The Automated Weather Observing System at Odessa Schlemeyer Airport (KODO) measured a 72 mph wind gust. **Pecos County** 8 NE Bakersfield Hail(0.88) 08

A National Weather Service cooperative observer reported that penny to nickel size hail accompanied severe winds





August 2005 Time Local/ Path Length Path Number of Estimated Persons Width Damage TEXAS, West **Pecos County** 8 NE Bakersfield 08 0 0 15K 0 Thunderstorm Wind (EG70) A National Weather Service cooperative observer reported that several buildings on his property near Farm to Market Road 1901 were affected by damaging winds. Part of the metal roof on his house was blown off and two portable buildings were blown down. The winds were accompanied by large hail. Thunderstorms initiated over the Davis/Apache mountains in the early afternoon of the 8th. As afternoon heating reached its peak, thunderstorms continued to develop across west Texas. One of these storms became severe and produced large hail and damaging winds that combined to damage several outbuildings at a National Weather Service cooperative observer's property in Pecos county **Crane County** 2 SSW Crane to 0 0 10K 0 Thunderstorm Wind (EG50) 12 Crane The Crane County Sheriff's Office and the public reported 60 mph winds that blew down power lines **Crane County** 18 N Crane Hail(0.88) A trained spotter reported nickel size hail on U.S. Highway 385 at the Crane/Ector county line **Ector County** Pleasant Farms Hail(0.88) A trained spotter reported nickel size hail on U.S. Highway 385 at the Crane/Ector county line **Ector County** 5 NE Gardendale 12 Hail(0.88) The public reported nickel size hail on Texas Highway 158 at the Midland/Ector county line. **Midland County** 13 NW Midland 12 Hail(0.88) The public reported nickel size hail on Texas Highway 158 at the Midland/Ector county line. Scattered thunderstorms spread across west Texas and southeastern New Mexico during the afternoon hours of the 12th. A few of these storms became severe, producing nickel size hail and damaging winds across the central Permian Basin. **Brewster County** 1940CST 0 Flash Flood 13 Alpine A local radio station reported that flash flooding was inundating yards and businesses in Alpine. The public reported nearly half a foot of water running over Holland Street. Portions of Eighth Street also were closed due to flash flooding **Scurry County** Snyder 14 20K Flash Flood 1400CST The Snyder Police department reported widespread flooding of streets in Snyder and on rural roads around Snyder. Several cars had floated off roads into bar ditches. One high water rescue was performed by local officials in Snyder Winkler County 8 W Kermit to Kermit Flash Flood The Winkler county Sheriff's office reported that State Highway 302 was inundated by flood waters west of Kermit. Several roads were flooded in Kermit.





Time Path Path Number of Estimated August 2005

Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

TEXAS, West

Midland County Midland

14 1155CST 0 0 100K 0 Flash Flood

Two boys playing in a flooded park after the rains stopped on Monday afternoon. Photo courtesy: Midland Reporter-Telegram photographer Alec Richards.

The public reported flash flooding in the city of Midland, along the Loop 250 service road. An off-duty National Weather Service meteorologist reported that a car was stranded in high water at the intersection of Bluebird and Midkiff Streets in Midland. Flooding was reported by the sheriff's office on Wadley Avenue, Loop 250, Texas Highway 191, A Street, Cuthbert, Andrews Highway, and I Street. Many cars were submerged, leaving their occupants stranded. Nineteen high water rescues were reported by the Midland Fire Department. The broadcast media reported two to three feet of water flowing across the intersection of Garfield and Golf Course Road, where eight additional rescues were conducted by media personnel and the public. Several streets around Midland were barricaded including County Road 1150 between Texas Highways 158 and 307.

Scurry County Fluvanna	14 Local l	1300CST 1500CST aw enforcement officials reported that three fee	0 et of wate	0 r was flow	<b>0</b> ing across F	<b>0</b> Farm to M	Flash Flood  arket Road 612 making it impassable	
Borden County								
10 N Gail to 10 S Gail	14	1312CST 1600CST	0	0	0	0	Flash Flood	
	The Bo	The Borden County sheriff reported that floodwaters inundated most of the Farm to Market roads in the county.						
<b>Ector County</b>								
Odessa	14	1330CST 1530CST	0	0	5K	0	Flash Flood	
	The Odessa Fire Department reported that a police cruiser was stalled in high water. Local bus service also was cancel water covered roadways.							
Crane County								
3 W Crane	14	1501CST	0	0	0	0	Flash Flood	





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Roads in Big Lake were inundated by flood waters along with Texas Highway 137 south of Big Lake





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TEXAS, West

Midland County 2 ESE Midland to 12 S Spraberry



A car is towed out of floodwaters with its driver inside Sunday afternoon. Photo courtesy: Midland Reporter-Telegram photographer Alec Richards.

The broadcast media reported that Midland county road 1150 was barricaded between Farm to Market Road 307 and Texas Highway 158 because of flash flooding. Also, water was entering a home on Texas Highway 349 and Midland County Road 1379 south of Midland. Three feet of water was running across Texas Highway 349, 15 miles south of Midland. Law enforcement officials reported flash flooding on Midland County Road 1160 between Farm to Market Road 1213 and Midland County Road 300. The public reported Farm to Market Road 1379 was flooded from Texas Highway 158 south of Spraberry.

Upton County
1 WSW Midkiff to
30 N Rankin

15 1011CST 0 0 0 Flash Flood 1313CST

The Upton County Sheriff's Office reported flash flooding along portions of Texas Highway 349 north of Rankin. The local broadcast media reported one foot of water running over Farm to Market Road 2401 just outside of Midkiff and three feet of water running over Texas Highway 349 in northern Upton County. The Texas Department of Transportation closed Farm to Market Road 1357 near Midkiff because of two feet of water running over it.

**Glasscock County** 

6 WSW St Lawrence to  $\phantom{0}15\phantom{0}$   $\phantom{0}1030CST$   $\phantom{0}0\phantom{0}$  0  $\phantom{0}0\phantom{0}$  Flash Flood 16 NW St Lawrence  $\phantom{0}1530CST$ 

The Glasscock County Sheriff's Office reported that low water crossings on Texas Highway 137 between Texas Highway 158 and Farm to Market Road 2401 were flooded with a foot and a half of flowing water.

**Crane County** 

5 W Crane 15 1054CST 0 0 0 0 Flash Flood

The public reported over half a foot of water running across the intersection of Texas Highway 329 and Farm to Market Road 1601. The Crane county Sheriff's office reported water flowing over low water crossings across the county.





August 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage TEXAS, West Reagan County 11 NNW Stiles to 12 NW Stiles 15 0 0 0 0 Flash Flood The Texas Department of Public Safety reported that water was flowing over most roads in northern Reagan county. **Mitchell County** Westbrook to Flash Flood 15 16 5 NE Colorado City The public reported nearly half a foot of water flowing across a county road north of Westbrook. Water also was accumulating under the overpasses on Interstate 20. The Mitchell county sheriff's office reported that county roads 145, 147, and 149 were "flowing like a river" in northeastern parts of the county. They were in the process of barricading those roads. Also reported was an 18-wheeler that hydroplaned on the wet pavement of Interstate 20 a mile west of Loraine **Glasscock County** Garden City to 10 S Garden City Flash Flood The Texas Department of Transportation reported water flowing over Farm to Market Road 33 between Texas Highway 158 and Farm to Market Road 2401. **Mitchell County** Colorado City 16 Flash Flood 1000CST The Colorado City Police Department reported that a road through Ruddick Park was barricaded due to flash flooding. A cold front that stretched from the Davis mountains northeast across the Permian Basin initiated a series of training thunderstorms that persisted over the Permian Basin for 48 hours. Rain began on the afternoon of the 13th and continued through the afternoon of the 15th causing major flooding problems across the area. The Colorado River and the Rio Grande went into flood and flash flooding occurred over many urban and rural areas. In Midland, officials activated the Emergency Operations Center on Sunday to coordinate resources in response to flooding across the city. Downed power lines and stranded motorists were only a couple of the problems experienced due to the record rainfall and flash flooding. Officials barricaded intersections that are especially prone to flooding. Emergency management officials declared a partial state of emergency in the city due to the amount of flooding and the number of motorists stranded. Twenty high water rescues were performed by firefighters on Sunday. Both the National Weather Service office and the police received several reports of children playing in high water flowing down city streets. Despite these reports, no injuries were reported. Elsewhere across the Permian Basin, only one other high water rescue was performed, in Snyder. Streets were flooded with anywhere from half a foot of water up to three feet of water, causing many roads to be barricaded. **Jeff Davis County** 18 NNW Ft Davis 0 0 Flash Flood Madera Canyon, near Fort Davis, which was affected by wildfires in May, experienced heavy rains during the early evening on Saturday, August 20. This resulted in rapid flash flooding and necessitated the high water rescue of fifteen hikers. However, no injuries were reported. **Reeves County** 

0

Flash Flood

0

20

Pecos

1944CST





August 2005 Path Length (Miles) Time Local/ Path Width Number of Persons Estimated Damage TEXAS, West The public reported that water was flowing over the curbs on Cedar Street in Pecos **Scurry County** 1825CST Fluvanna 27 0 Hail(0.75) Penny size hail fell in Fluvanna as a severe thunderstorm traveled across Scurry county **Ector County** 0015CST 0020CST Odessa 28 0 0 0 Thunderstorm Wind (EG50) The public reported severe thunderstorm winds that broke two inch diameter tree branches. **Midland County** 0035CST 0050CST 3 W Greenwood 0 0 Hail(1.00) 28 A ham radio operator reported that dime to quarter size hail fell for 15 minutes west of Greenwood. Early morning severe thunderstorms produced damaging winds and large hail across Ector and Midland counties. **Reeves County** 2 SW Pecos 28 1741CST 0 Thunderstorm Wind (MG69) The KPEQ Automated Weather Observing System southwest of Pecos reported a wind gust of 79 mph. No damage was reported.