



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, Southeast

Lea County

4 N Tatum

06 2028MST

0 0 0 0 Hail(1.75)

Thunderstorms developed during the evening of the 6th over northern Lea County. This storm evolved into an organized line of severe storms before it moved into west Texas. Golfball size hail was reported by workers at an oil rig north of Tatum.

Eddy County

4 W Artesia

07 1550MST

0 0 0 0 Thunderstorm Wind (MG62)

A thunderstorm wind gust of 71 MPH was recorded by the Artesia Airport ASOS from a thunderstorm downburst. The New Mexico State Police reported a traffic accident along U.S. Highway 82 near the airport, but it was unclear if the incident was related to the severe winds. Otherwise, no damage was reported.

Eddy County

**Carlsbad to
5 SE Carlsbad**

**07 1635MST
1700MST**

0 0 0 0 Hail(1.00)

Several reports from storm spotters indicated nickel to quarter size hail along a swath from Carlsbad to Otis. The hail persisted in Carlsbad for ten minutes.

Eddy County

3 SE Carlsbad

07 1635MST

0 0 0 0 Thunderstorm Wind (EG52)

A spotter estimated a thunderstorm wind gust to 60 MPH along U.S. Highway 285 between Carlsbad and Otis. No damage was reported.

Lea County

24 WNW Jal

**07 1815MST
1820MST**

0 0 50K 0 Thunderstorm Wind (EG57)

Severe thunderstorm winds blew down at least two utility poles in southwestern Lea County. One pole landed on the roof of a rural residence causing extensive damage to the home. Large tree limbs also were broken from the winds.

Strong to severe thunderstorms affected the plains of southeastern New Mexico during the late afternoon and evening of the 7th. These storms produced large hail and damaging winds. The most significant damage occurred in southwestern Lea County.

Eddy County

**12 SSW Queen to
7 SSW Carlsbad**

**10 2000MST
2130MST**

0 0 0 0 Flash Flood

Strong thunderstorms produced very heavy rainfall over southern Eddy County during the evening of the 10th. Local law enforcement officials reported flash flooding that resulted in high water flowing over several roadways. Portions of County Road 418 were inundated by flood waters south of Queen. Rural roads also were flooded on Washington Ranch in the same area. Dark Canyon Road was covered by at least a half foot of flowing water just west of Highway 62/180 southwest of Carlsbad.

Lea County

4 NNE Tatum

18 2230MST

0 0 0 0 Hail(0.75)

The public reported pea to penny size hail northeast of Tatum.

Lea County

Tatum

18 2235MST

0 0 15K 0 Thunderstorm Wind (EG52)

Severe winds blew a fifty-five gallon drum across a local highway. The drum impacted a Sheriff's Department cruiser. The vehicle sustained significant damage but the deputy was not injured.

An isolated severe thunderstorm affected northern Lea County late in the evening on the 18th. Large hail and damaging thunderstorm winds were reported near Tatum.



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NEW MEXICO, Southeast

Lea County

Jal **24** **1515MST
1630MST** **0 0 0 0 Flash Flood**

Thunderstorms produced very heavy rainfall as a cold front swept south across the plains of southeastern New Mexico during the afternoon of Saturday the 24th. Flash flooding affected parts of southern Lea County where over a foot of flowing water filled the streets of Jal.

The flash flooding conditions experienced in Jal marked the onset of a prolonged heavy rain event over southeastern New Mexico and west Texas. The front swept southwest across the area during the overnight hours, and widespread heavy rainfall erupted over the region during the early morning of Sunday, July 25th.

Eddy County

**4 NNE Queen to
7 ENE Queen** **25 0700MST
2045MST** **0 1 25K 0 Flash Flood**

Fifteen hour rainfall totals along the Texas and New Mexico border over Guadalupe Mountains National Park (generally over the Texas portion of the mountain chain) exceeded four inches at several observing stations. Runoff along steep mountainous terrain through numerous canyons and draws combined with additional thunderstorm development over the adjacent plains of Eddy County to result in life threatening flash flood conditions.

The first reports of flash flooding were received around 07:00 MST Sunday, July 25th when rural residents north of Queen said Dark Canyon Draw was flooding several secondary roadways. A motorist, an elderly man, became trapped by raging flood waters at Sitting Bull Falls northeast of Queen sometime between 07:00 and 08:00 MST. Forced to climb on top of the car to escape the rising flood waters, the gentleman remained isolated for several hours. Members of the Queen Fire Department finally reached the trapped driver shortly after 11:00 MST and moved him to the safety of higher ground. Hypothermic and suffering exposure injuries, the victim was airlifted to a medical facility for treatment.

Emergency officials and storm spotters continued to report flash flooding along Dark Canyon Draw and Last Chance Canyon through the afternoon and evening. Several rural roadways remained closed for the remainder of the day as water rushed through low water crossings.

Eddy County

5 SW Carlsbad **25 0848MST
1700MST** **0 0 0 0 Flash Flood**

Storm spotters reported flash flooding that resulted in flowing water crossing Hidalgo Road southwest of the city.

Eddy County

**17 WNW Carlsbad to
10 NW Carlsbad** **25 0930MST
2045MST** **0 1 75K 0 Flash Flood**



National Weather Service
Storm Data and Unusual Weather Phenomena



July 2004

NEW MEXICO, Southeast



A truck driver was airlifted to safety from raging flood waters along Rocky Arroyo by a U.S. Army rescue helicopter flying out of Fort Bliss, Texas, on the afternoon of Sunday, July 25th. The victim was treated at a nearby hospital for minor injuries. Photo courtesy: Joel Arnwine/Eddy County Division of Emergency Management.

As runoff and additional heavy rainfall continued, flash flood conditions began to spread northeast across Eddy County along the many draws, creeks, and arroyos. By 09:30 MST local officials reported that Rocky Arroyo was flooding U.S. Highway 285 with four to six feet of flowing water northwest of Carlsbad. The typically narrow low water crossing inundated over 100 yards of the federal highway. Later reports confirmed that Rocky Arroyo also was flooding major highways west of the city. At 14:10 MST, over eight feet of flowing water covered State Highway 137 west of Carlsbad

At 15:25 MST emergency officials responded to the site of a distressed driver near the upper part of Rocky Arroyo at County Road 406 ten miles west-southwest of Carlsbad. There emergency officials worked to rescue a truck driver that became stranded in rushing flood waters. An hour later, the trucker was lifted to safety by a military rescue helicopter from Fort Bliss. He was treated at a Carlsbad hospital for minor injuries.

Eddy County Carlsbad

At 20:30 MST an automated river gauge recorded an eight foot flood wave propagating down Dark Canyon I.

At 20:30 MST an automated river gauge recorded an eight foot flood wave propagating down Dark Canyon Draw and approaching Carlsbad. This wave was the result of runoff and excessively heavy rains over the Guadalupe Mountains and adjacent plains during the course of the previous twenty-four hours. By 21:10 MST several low water crossings in the city were flowing with flood waters four feet deep and seventy-five to 100 yards wide. This threatened homes and property in parts of the city. Local officials reported water running above the curbs in most city streets at 22:15 MST. Damage was minimal and no injuries were reported.

NMZ028

Eddy County Plains

0 0 0 0 Flood



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NEW MEXICO, Southeast



Water continued to flood the city streets of Carlsbad through Monday morning, the 26th. These flood waters were slow to recede following a flood wave that entered the city from Dark Canyon Draw late Sunday evening. Photo courtesy: David Giuliani/Carlsbad Current - Agnes Newspaper.

Flood waters were slow to recede across Eddy County following the significant flash flood event on Sunday, July 25th. Hours after rainfall had ended across the area and runoff through area draws and canyons had crested, low water crossings remained inundated on numerous primary and secondary highways and roadways. Reports indicated these water crossings became passable by midday.

Eddy County 4 NE Queen

**27 0505MST
 0900MST 0 0 0 0 Flash Flood**

An early morning round of thunderstorms on the 27th aggravated the saturated conditions across southwestern Eddy County. Flash flooding along Dark Canyon Draw resulted and County Road 408 was inundated by flowing water.

TEXAS, West

Pecos County 8 W Bakersfield

01 1418CST 0 0 0 0 Hail(0.88)

A left moving anticyclonic supercell thunderstorm moved north across eastern Pecos County on the afternoon of the 1st. This storm produced large hail as it crossed Interstate 10. A motorist reported nickel size hail west of the Bakersfield.

Dawson County 9 NNW Lamesa to 12 NNE Lamesa

**04 1840CST
 1900CST 0 0 0 700K Hail(1.00)**

An isolated supercell tracked across northern Dawson County during the early evening hours on Independence Day. Local officials reported that penny to quarter size hail covered the ground along Farm to Market Road 1054 north of Lamesa and along U.S. Highway 87 between eight and ten miles north-northeast of the city. Farmers reported significant damage to cotton crops in the area with approximately 10,000 acres lost.

Local media and agricultural officials reported that hail damage to cotton crops began near Farm to Market Road 1064 just east of Punkin Center and cut a wide swath across crop lands to just east of Arvana Gin. The Dawson County Extension Agent noted that crops in irrigated circles were beaten down to stalks and that crops in drylands were wiped out completely.



National Weather Service

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TEXAS, West

Ector County

Odessa to 8 W Odessa **05** **1706CST
1725CST** **0 0 0 0 Hail(0.88)**

Several reports of penny to nickel size hail were received from the Odessa and West Odessa area.

Brewster County

14 NE Study Butte **05** **1800CST** **0 0 5K 0 Thunderstorm Wind (EG61)**

A large water tank was blown over by severe thunderstorm winds near the Terlingua Ranch Lodge east of State Highway 118.

Ector County

Pleasant Farms **05** **1808CST** **0 0 0 0 Hail(0.88)**

Isolated severe thunderstorms developed over the central Permian Basin and Big Bend of west Texas during the late afternoon and evening hours of the 5th. Numerous reports of large hail were received from Ector County as storms affected areas from Odessa and West Odessa to Pleasant Farms. A severe storm in southern Brewster County damaged a large water storage tank

Dawson County

Midway to 5 SE Sparenburg **05** **1730CST
1840CST** **0 0 0 500K Hail(1.75)**

For the second consecutive day, damaging hail destroyed cotton crops in Dawson County. An isolated supercell thunderstorm developed over eastern Dawson County during the late afternoon of the 5th. This storm produced large hail that destroyed cotton crops as it propagated south across southeastern Dawson and eastern Martin Counties. The initial report of large hail was received in the community of Midway where nickel size stones began to fall around 17:30 CST. Golfball size hail was later reported along U.S. Highway 87 between Midway and Sparenburg. Cotton farmers along Farm to Market Road 828 reported complete crop losses near Sparenburg.

Martin County

4 ENE Flower Grove to 5 NNE Stanton **05** **1840CST
2035CST** **0 0 0 450K Hail(1.75)**



An isolated supercell thunderstorm tracked south across parts of Dawson and Martin Counties in the west Texas Permian Basin on the evening of the 5th. Large hail from this slow moving storm resulted in nearly a million dollars worth of damage to local cotton crops. The above photo shows the



National Weather Service

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TEXAS, West

storm over Martin County as seen at sunset northeast of Midland. Photo courtesy: National Weather Service - Midland/Odessa, Texas.

The Dawson County supercell moved south across eastern Martin County. Reports of nickel to golfball size hail were received along a swath from near the rural community of Brown to Lenorah. Extensive damage occurred to cotton crops, especially in the northeastern parts of the county. The path of the damaging hail ended several miles north of Stanton, where pea size hail was reported shortly before 21:00 CST.

Dawson County 14 SE Lamesa	05	1915CST 2030CST			0	0	0	0	Flash Flood
Runoff and additional thunderstorm activity over southeastern Dawson County resulted in localized flash flooding. High water inundated the intersection of U.S. Highway 87 and Farm to Market Road 828.									
Martin County Lenorah									
05 2010CST 2130CST 0 0 0 0 Flash Flood									
Rural streets and State Highway 176 were submerged by flowing flood waters in and around Lenorah.									
Reeves County 15 SE Pecos									
06 1700CST 0 0 0 0 Hail(0.75)									
Penny size hail was reported along Farm to Market Road 1450 southeast of Pecos.									
Winkler County Wink									
06 1806CST 1815CST 0 0 0 0 Hail(1.75)									
Several reports were received of golfball size hail in Wink.									
Winkler County 1 SW Wink to 2 NE Wink									
06 1808CST 1812CST 0 0 25K 250K Hail(2.50)									
Public and media reports indicated that tennis ball size hail broke windows out of vehicles and caused damage to melon crops near Wink.									
Gaines County 13 SW Seminole to 13 S Seminole									
06 1909CST 1910CST 0 0 0 0 Hail(0.88)									
A pair of severe storms produced large hail in southern Gaines County. Emergency management officials reported nickel size hail along Farm to Market Road 181 in southwestern Gaines County. Nickel size hail also was reported along U.S. Highway 385 south of Seminole.									
Gaines County 13 SW Seminole									
06 1910CST 0 0 0 0 Hail(0.88)									
Nickel size hail was reported on Farm to Market Road 181.									
Scurry County Dermott									
07 0015CST 0020CST 0 0 0 0 Thunderstorm Wind (EG57)									
Severe thunderstorm winds broke large tree limbs at a rural residence near Dermott. The strongest wind gusts were estimated to approach 65 MPH.									
Borden County 7 E Gail									
07 0020CST 0 0 0 0 Thunderstorm Wind (MG52)									
Large tree limbs were broken by severe thunderstorm winds. A rural resident of eastern Borden County measured a 60 MPH wind gust with a home weather station.									
Mitchell County 1 W Colorado City to Colorado City									
07 0050CST 0055CST 0 0 5K 0 Thunderstorm Wind (EG52)									
A local radio broadcaster reported thunderstorm winds as "exceptional" in Colorado City. A vehicle was blown off of the highway just west of the city. No injuries were reported.									



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TEXAS, West

Scattered thunderstorms affected the west Texas Permian Basin and Upper Trans Pecos region during the evening of the 6th. The most significant damage from this activity occurred in Winkler County where giant hail damaged vehicles and melon crops near Wink.

An organized linear complex of storms tracked southeast across the eastern Permian Basin shortly after midnight LST. Severe thunderstorm winds broke large tree limbs and blew a car off of a local highway as regional radars depicted a bow-shaped echo moving southeast across Dawson, Scurry, and Mitchell Counties.

Reeves County

**5 S Verhalen to
4 SW Verhalen**

**09 1605CST
1615CST**

0 0 0 0 Hail(0.88)

Multiple reports of nickel size hail were received from the vicinity of Verhalen.

Reeves County

Toyah

**09 1648CST
1808CST**

0 0 10K 0 Hail(1.75)

A second severe storm produced large hail over Reeves County. Multiple reports from the public and the broadcast media indicated pea to golfball size hail fell in Toyah for a twenty minute period.

Scattered thunderstorms erupted over the west Texas Upper Trans Pecos region during the late afternoon of the 9th. A few of these storms became severe over Reeves County and produced hail up to the size of golfballs.

Jeff Davis County

2 WNW Ft Davis

10 1445CST

0 0 0 0 Hail(0.75)

Penny size hail was reported along State Highway 118.

Jeff Davis County

**4 WNW Ft Davis to
1 WNW Ft Davis**

**10 1545CST
1700CST**

0 0 0 0 Flash Flood

Very heavy rainfall resulted in flash flooding at Fort Davis State Park and along State Highway 118. A National Weather Service cooperative observer reported three inches of rainfall during a short time period just west of Fort Davis.

TXZ074

Davis / Apache Mountains Area

**10 1605CST
1615CST**

0 0 0 0 Landslide

Local emergency management officials reported that very heavy rainfall and flash flooding in Fort Davis State Park resulted in a rock slide along State Highway 118. Ten boulders, 300 to 400 pounds each, fell from a steep embankment onto the highway three miles west-northwest of Fort Davis. Officials driving along the state route encountered the rock slide as it was in progress and were able to block traffic.

Strong to severe thunderstorms produced very heavy rainfall over the Davis Mountains during the afternoon of the 10th. Large hail, flash flooding, and a rock slide that covered a state highway with large boulders resulted from the storms. Thanks to timely action from local officials, no damage or injuries were reported.

Pecos County

**14 S Ft Stockton to
18 S Ft Stockton**

**13 1805CST
1930CST**

0 0 0 0 Flash Flood

Thunderstorms and very heavy rainfall caused flash flooding along U.S. Highway 385 south of Fort Stockton. Local officials reported over one foot of water flowing over the highway at several locations between fourteen and eighteen miles south of the city



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TEXAS, West

Scurry County

Snyder **24** **1337CST
1500CST** **0** **0** **30K** **0** **Flash Flood**

A cold front approached the northern Permian Basin of west Texas during the afternoon of the 24th. The front interacted with a tropical airmass over the region and resulted in scattered thunderstorm development. Very heavy rainfall over Snyder caused flash flooding in city streets. Fire department officials reported minor flooding that began shortly after 13:30 CST. Conditions then rapidly deteriorated with high water rescues of stranded motorists conducted by 14:00 CST.

The flash flood event in Snyder on the afternoon of Saturday, July 24th kicked off an extensive flash flooding episode across west Texas and southeastern New Mexico. Widespread heavy rainfall erupted over the region during the early morning hours Sunday, July 25th as the cold front swept south.

Culberson County

**Guadalupe Pass to
Pine Spgs** **24** **2000MST
1100MST** **0** **0** **0** **0** **Heavy Rain**

Thunderstorms and very heavy rainfall developed late Saturday along the advancing frontal boundary. This convection produced fifteen hour rainfall totals between three and five inches over the steep terrain of the Guadalupe Mountains. Runoff from the mountainous areas through numerous draws and canyons combined with additional storms over the adjacent plains of Eddy County, New Mexico resulting in life threatening flash flood conditions there on Sunday, July 25th.

Terrell County

**15 NNE Dryden to
32 NNE Dryden** **25** **0430CST
1800CST** **0** **0** **1.1M** **0** **Flash Flood**



A bridge on State Highway 349 was condemned by Texas Department of Transportation officials after flash flooding along Dry Creek severely damaged the structure early Sunday, July 25th. Over eighteen feet of water raged through the creek and washed away concrete and earthen embankments leaving a single concrete pillar to support the bridge. The bridge's structure also was cracked in several locations. Photo courtesy: National Weather Service - Midland/Odessa, Texas.



National Weather Service
Storm Data and Unusual Weather Phenomena



July 2004

TEXAS, West

A large complex of thunderstorms erupted over southeastern Pecos County, northeastern Brewster County, and much of Terrell County during the pre-dawn hours Sunday. Terrell County received the heaviest rainfall, with KMAF 88D Doppler radar estimates that totaled seven to nine inches over rural portions of north-central Terrell County between 03:00 and 12:00 CST. Widespread and damaging flash flood conditions resulted across the west Texas Lower Trans Pecos.

This heavy rainfall and its associated runoff produced flash flooding along Dry Creek and Independence Creek. Local officials reported that a wall of water that measured eighteen feet in height propagated down Dry Creek in the pre-dawn hours. The debris-filled flood waters severely damaged a bridge on State Highway 349 twenty-five miles north-northeast of Dryden. By midday an earthen and concrete embankment on the north end of the bridge was washed away, and the structure was cracked in several locations. Only a single concrete pillar and a thin layer of asphalt prevented a complete collapse.

In addition to the extensive damage sustained to the bridge, large segments of State Highway 349 also were washed away between the intersection of Farm to Market Road 2400 and Dry Creek as water rushed through low lying areas and small tributaries. Stretches of pavement measuring 100 feet in length were stripped away. At 16:20 CST local officials reported more than three feet of water flowing over Big Canyon Bridge fifteen miles north of Dryden. Later reports indicated that the bridge did not sustain significant structural damage.

Raging flood waters also deposited huge mounds of mud and gravel up to four feet deep over the highway. With a lull in thunderstorm activity during the mid afternoon, flash flooding along State Highway 349 generally receded by 15:00 CST. Road crews worked for days to remove the vast amount of debris and damage that resulted from the flood waters.

**Terrell County
28 NE Dryden**

**25 0500CST
1200CST** **0 0 0 0 Flash Flood**

Flash flooding impeded operations at the Terrell County Gas Plant Sunday morning when employees became stranded due to water that flowed through the plant's secondary road network. At 06:00 CST plant workers reported a rainfall measurement of 4.50 inches. Heavy rain continued to fall at the plant through early afternoon.

Pecos County
2 ENE Sheffield to
4 SE Sheffield

25 **0530CST** **0** **0** **130K** **0** **Flash Flood**
1800CST

Heavy rainfall farther north over eastern Pecos County resulted in a crest of twenty feet along the Pecos River just east of Sheffield around 06:00 CST. This crest combined with the continuation of heavy rainfall caused extensive flash flooding in rural areas east and south of the city.

Shortly before 16:00 CST travelers on Interstate 10 witnessed a pickup truck and a camper trailer floating beneath the Pecos River bridge. A search downstream by local authorities ensued, but many rural location across along the river were inaccessible due to extensive flooding. It was later determined that the pickup and camper trailer were swept into the Pecos River by flash flooding on the Pecos River Ranch near Sheffield. The vehicle and trailer were vacant when they were overtaken by raging flood waters, and were ultimately found many miles down river near the Rio Grande. Several head of cattle also were killed in the flood waters.

**Terrell County
36 NE Dryden**



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Storm Data and Unusual Weather Phenomena



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TEXAS, West



The Chandler Ranch headquarters suffered extensive damage on Sunday, July 25th when two large flood waves moved south along the Pecos River and initiated flash flooding of the adjacent low lying areas. Large trees were uprooted, debris destroyed a swimming pool, and several structures sustained damage including cracked foundations. Photo courtesy: National Weather Service - Midland/Odessa, Texas.

The first of two flash floods along the Pecos River in northeastern Terrell County occurred just before sunrise. Runoff from the Dry Creek flood that damaged State Highway 349 emptied into the Pecos River from the lower portion of Independence Creek. The Chandler Ranch headquarters, located in a flood plain adjacent to the merger of Independence Creek and the Pecos River, sustained serious damage.

Ranch residents described a large "wall" of water that swept through the flood plain and inundated the headquarters. Large trees were uprooted by the currents. A swimming pool was destroyed by debris carried in the raging water. Several structures, including a permanent residence, were severely damaged. Damage to the headquarters was aggravated by a second significant flood wave that propagated down the Pecos and produced another round of flash flooding on the grounds late Sunday evening

TXZ082

Terrell

25	0630CST		0	0	100K	0	Flood
26	1500CST						

Flood waters from the swollen Dry Creek isolated thirteen workers from the Grey Wolf Drilling Company. The men were stranded on an "island" for almost thirty-six hours at an oil well site twenty-two miles northeast of Dryden. A helicopter rescue was attempted around 14:00 CST Sunday, but adverse weather conditions restricted rescue operations. The workers were not seriously injured when they walked to safety around 15:00 CST on Monday, July 26th. Minor flood damage to oil field equipment occurred

Terrell County

**39 NNE Dryden to
26 NW Dryden**

25	0900CST		0	0	300K	0	Flash Flood
26	2000CST						



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Storm Data and Unusual Weather Phenomena



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TEXAS, West



Large mounds of mud, gravel, and other debris were deposited over Farm to Market Road 2400 and State Highway 349 in northern Terrell County by raging flash floods on Sunday, July 25th. Some debris piles required days of work by road crews to remove. Photo courtesy: National Weather Service - Midland/Odessa, Texas.

Flash flooding along Independence Creek inundated the intersection of State Highway 349 and Farm to Market Road 2400 in northern Terrell County. A local newspaper reported that flood waters stranded a pair of motorists at the intersection. Emergency crews from Iraan (Pecos County) responded and conducted swift water rescues to bring the couple to safety.

Dangerous flash flood conditions along Independence Creek, Farm to Market Road 2400 and its intersection with State Highway 349 corresponded to a flood wave measured along the creek at the Chandler Ranch, several miles east-southeast of the intersection. At 09:45 CST a gauge registered a crest of eighteen feet. Independence Creek empties into the Pecos River on the northeast side of the Chandler Ranch property. The ranch headquarters suffered severe damage as a series of waves swept down the Pecos River and produced flash flooding of low lying areas.

Following the rescue of stranded motorists, emergency officials closed Farm to Market Road 2400 and State Highway 349 south of Sheffield. Water along Farm to Market Road 2400 began to recede shortly after 18:00 CST. State Highway 349 remained closed for an extended period of time due to extensive damage along Dry Creek. Texas Department of Transportation crews worked for several days to remove large pieces of vegetation and other debris from the highways.

Pecos County Sheffield to 3 SW Sheffield

**25 1000CST
 2000CST** **0 0 0 0 Flash Flood**

State Highway 349 was closed from Sheffield south into Terrell County after Pecos County emergency officials successfully rescued motorists from flood waters near the intersection of Farm to Market Road 2400. Intermittent flash flooding along the route also made travel hazardous across Pecos County.

Pecos County 53 SSE Ft Stockton

25 1003CST **0 0 15K 0 Flash Flood**



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TEXAS, West

1315CST

Local officials reported at least one stranded vehicle inundated by flood waters on U.S. Highway 90 near the Longfellow Ranch headquarters. Emergency officials conducted a high water rescue to retrieve the motorists from the stalled car.

Terrell County

**3 W Sanderson to
10 W Sanderson**

**25 1003CST
1330CST** **0 0 0 0 Flash Flood**

Law enforcement officials from Sanderson reported intermittent flash flooding that inundated U.S. Highway 90 from Sanderson to the Pecos County line.

Pecos County

**6 SE Ft Stockton to
41 SE Ft Stockton**

**25 1135CST
1600CST** **0 0 0 0 Flash Flood**

Flash flooding along U.S. Highway 285 rendered that highway impassable in Pecos County. Local officials reported intermittent flood waters that inundated the route at several locations from Fort Stockton to the Terrell County line

Terrell County

36 NE Dryden

**25 2100CST
26 0030CST** **0 0 100K 0 Flash Flood**

A second wave of convection developed over the Lower Trans Pecos region Sunday evening. The additional rain combined with the saturated conditions and standing water to quickly result in another round of flash flooding. The Chandler Ranch headquarters was impacted by a second large flood wave that propagated down the Pecos River and produced flash flooding. This event damaged several structures, including the foundation of a primary ranch residence which was cracked by the force of the flood waters. No injuries were reported.

Ward County

6 ENE Monahans

**25 0718CST
0900CST** **0 0 0 0 Flash Flood**

A second focus for thunderstorm development and heavy rainfall evolved over the west Texas Upper Trans Pecos region early Sunday. This activity slowly tracked east into the western Permian Basin. Isolated occurrences of flash flooding resulted from this complex of heavy rainfall.

Officials at Monahans Sandhills State Park reported that nearly a half foot of water flowed over secondary road.

Ector County

Odessa

**25 0847CST
1100CST** **0 0 10K 0 Flash Flood**

Vehicles were stranded by high flood waters at the intersection of West County Road and 22nd Street. Over two feet of flowing water made portions of Tom Green Avenue impassable. Between one and two feet of water also inundated U.S. Highway 385 near Odessa College.

Brewster County

**1 SE Study Butte to
3 WSW Study Butte**

**25 0830CST
1330CST** **0 0 0 0 Flash Flood**

During the mid morning hours Sunday, infrared satellite imagery depicted rapid cooling of cloud top temperatures over the southern Big Bend as thunderstorm activity increased. This activity resulted in flash flooding across portions of the national and state parks. State Route 170 was inundated by high water at several locations when Terlingua Creek and Long Draw flooded near Study Butte.

Brewster County

**4 N Study Butte to
6 E Study Butte**

**25 0915CST
1300CST** **0 0 0 0 Flash Flood**

The National Park Service and the local media reported that flash flooding along Alamo Creek resulted in flowing water that



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, West

Brewster County

Alpine

**28 0045CST
0645CST**

0 0 10K 0 Flash Flood

Heavy rainfall and excessive runoff resulted in flash flooding along Alpine Creek. Police officers barricaded several city streets as flood waters inundated the roadways. Water levels in some locations climbed to three feet. Damage was reported to be minimum, but several houses were threatened.

Howard County

**Big Spring to
3 N Big Spring**

**28 0045CST
0330CST**

0 0 15K 0 Flash Flood

Flash flooding conditions developed rapidly in Big Spring. At 00:45 CST the Big Spring Police Department reported over one foot of water flowing over the Interstate 20 service road. Numerous other city streets also were closed due to flash flooding, including Parkway and Alamesa Streets east of Sixth Street.

At 02:13 CST a vehicle was swept off of U.S. Highway 87 north of Big Spring. Fire Department Personnel rescued the driver and no injuries resulted.

Presidio County

13 E Marfa

**28 0200CST
0300CST**

0 0 0 0 Flash Flood

Officials reported flash flooding that briefly resulted in the closing of U.S. Highway 90 just west of Paisano Pass.

Gaines County

8 E Seminole

**28 0224CST
0430CST**

0 0 0 0 Flash Flood

The Gaines County Sheriff's Office reported flash flooding that resulted in high water over U.S. Highway 180 east of Seminole.

Dawson County

**Lamesa to
17 NNE Lamesa**

**28 0553CST
0745CST**

0 0 0 0 Flash Flood

Dawson County officials reported intermittent flash flooding that resulted in water covering U.S. Highway 87 between Lamesa and the Lynn County line.

Terrell County

**Dryden to
28 NNE Dryden**

**28 0600CST
0800CST**

0 0 0 0 Flash Flood

Workers at the Terrell County Gas Plant reported high water covering portions of State Highway 349 between Dryden and the gas plant.

Strong thunderstorms erupted over west Texas late in the evening on Tuesday, July 27th. This activity produced very heavy rainfall that resulted in flash flooding across the region through Wednesday morning.

Terrell County

**38 N Dryden to
26 NW Dryden**

**28 1620CST
1800CST**

0 0 0 0 Flash Flood

Law enforcement officials reported high water flowing over Farm to Market Road 2400 in several locations across northern Terrell County.

Scurry County

Snyder

**29 0108CST
0300CST**

0 0 0 0 Flash Flood

Emergency officials in Snyder barricaded several city streets due to flash flooding

Residual shower and thunderstorm activity persisted over west Texas until the unusually moist tropical airmass was finally shunted east of the region late on the 29th. Thunderstorms that developed were very efficient rain producers, and flash flooding remained an occasional threat through the period.



National Weather Service

Storm Data and Unusual Weather Phenomena



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TEXAS, West

Gaines County

2 N Seminole to
Seminole

29 1445CST 1450CST

0 0 20K 0 Thunderstorm Wind (MG63)

A downburst resulted in severe thunderstorm winds near Seminole during the afternoon of the 29th. The West Texas Mesonet site just north of Seminole recorded a wind gust of 73 MPH. Police Department officials estimated 80 MPH winds in the city. Reports indicated several power poles and lines were blown down by the winds. In addition, large tree limbs also were broken and at least one large tree was uprooted. A lack of structural damage suggested that the strongest winds may not have occurred within the city limits.