

NIM 7020 020 020

National Weather Service Storm Data and Unusual Weather Phenomena



Time Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

March 2006

March 2006

NEW MEXICO, Southeast

NMZ028 Eddy County Plains

A mountain high wind event extended down to the plains of southeastern New Mexico on the 12th. The highest wind gust was 74 mph recorded at the Artesia AWOS (KATS). A window was blown out of the Sherwin-Williams paint store in Artesia. Power lines were blown down in parts of Artesia, leaving some residents without power for several hours. A small metal shed under construction on New Mexico Highway 137, 9 miles west of Lakewood was blown down. Minor roof damage was reported in several locations 4 miles north of Artesia. A handful of farmers also experienced wind damage to their irrigation side row sprinkler systems

NMZ033 Central Lea County

Eddy County Dising

An emergency flare at a gas plant near McDonald, New Mexico started a wildfire that grew to nearly 100,000 acres. Sustained wind speeds of 35 to 45 mph with gusts to 84 mph and very low relative humidity values contributed to the rapid growth and spread of this fire. These high winds occurred as both upper-level height gradients and surface pressure gradients tightened as a strong upper-level low pressure system approached southeastern New Mexico. The fire began around 10:30am MST and was visible on satellite by 11:00am MST. The NWS first learned of the fire through a cooperative observer in Tatum, New Mexico, who submitted a storm report online at 11:42am MST. New Mexico State Road 206 was closed by the New Mexico State Police between Tatum and McDonald due to the fire. News reports in later days indicated that the final acreage of the burn area was 92,390 acres. The fire was contained Monday, March 13th after burning down the U.S. Post Office, two primary residences, four abandoned homes, three barns, and several pieces of fire equipment. Two dozen fire departments fought to put out the fire and one man suffered burns and was treated at a burn center in Lubbock, Texas. All of the destroyed properties above were taken into account for the property damage estimate above. It is not known at this time if any crops were being grown in the area of the fire.

NMZ028-028-028	Eddy County Plains										
	12	1202MST 1342MST	0	0	10K	0	High Wind (MG73)				
	The Automated Weather Observing System at Artesia, New Mexico (KATS) recorded a wind gust of 84 mph. Local law enforcement reported a large tree down in town.										
Eddy County											
1 NE Carlsbad	19 1600MST 0 0 5K 0 Thunderstorm Wind (EG50) Severe thunderstorm winds snapped a power pole in two in the La Huerta area of northeastern Carlsbad.										
Eddy County											
Carlsbad to 3 SW Carlsbad	19	1907MST 1920MST	0	0	0	0	Hail(0.88)				
Eddy County											
3 E Queen	19	1910MST	0	0	0	0	Thunderstorm Wind (MG59)				
	The Remote Automated Weather Station at Queen, New Mexico recorded a wind gust of 68 mph.										
Eddy County											
Lakewood	19	1928MST	0	0	0	0	Hail(0.88)				
Eddy County											
Artesia	19	1940MST	0	0	0	0	Hail(0.88)				
Eddy County											
Otis	19	2005MST	0	0	0	0	Hail(1.50)				



2 S Frankel City

19

2042CST

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March 2006 Time Local/ Path Length Path Number of Estimated Width Persons Damage **NEW MEXICO, Southeast Eddy County** 10.5 SW Carlsbad to 2 SE Carlsbad 19 0 0 0 0 Hail(0.88) Pea to Nickel size hail accumulated to a depth of two inches on U.S. Highway 62/180 south of Carlsbad, near Black River Village. The accumulated hail caused cars to slide off the road, including one accident that didn't result in any injuries **Eddy County** 2030MST 2230MST Carlsbad to Flash Flood 19 8 S Carlsbad A NWS trained spotter reported six inches of running water over the Old Cavern Highway (Eddy County Road 748) from Carlsbad to eight miles south of Carlsbad. **Eddy County** 6 S Carlsbad Arpt 0 Hail(0.88) Nickel size hail fell on Dark Canyon Road, six miles south of the Carlsbad airport Lea County 13 S Eunice 0 Hail(0.75) Penny size hail was reported 13 miles south of Eunice on New Mexico Highway 18. Lea County 2 E Hobbs 2150MST 0 0 Hail(1.00) Quarter size hail was reported two miles east of Hobbs on U.S. Highway 62/180. TEXAS, West TXZ258-258 **Guadalupe Mountains Of Culberson County** $\begin{array}{c} 08 \\ 10 \end{array}$ 0900MST High Wind (MG72) 1600MST A mountain high wind event began March 8th and ran intermittently through March 10th. Peak wind speed on the 8th was 79mph at Guadalupe Peak. No damage was reported with these winds. TXZ074-258 Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County 1000CST 1640CST High Wind (MG69) A mountain high wind event occurred the 12th of March. Highest wind speed observed was 69 mph at Mount Locke in the Davis Mountains. No damage was reported. **Pecos County** 5 E Ft Stockton **17** 1825CST 0 Hail(1.75) A customer at the KOA campground east of Fort Stockton reported golfball size hail. **Pecos County** 3 N Ft Stockton 18 1908CST 0 Hail(0.75) Penny size hail fell along U.S. Highway 285 north of Fort Stockton Reagan County 19 NE Stiles 18 2135CST 2145CST Hail(1.25) Quarter to half dollar size hail covered the ground at Cope Ranch in rural Reagan county **Pecos County** 1 SSE Iraan 0 0 Hail(1.75) Golfball size hail fell along Texas Highway 349 south-southeast of Iraan Reagan County **Big Lake** 19 1655CST 0 0 Hail(0.88) **Andrews County**

0

0

0

0

Hail(0.75)



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March 2006 Time Local/ Path Length Path Number of Estimated Width Persons Damage TEXAS, West **Andrews County** 12 N Andrews 19 2113CST 0 Hail(1.75) The Andrews County Sheriff's Office reported golfball size hail falling 12 miles north of Andrews **Gaines County** 2120CST 2130CST 12 S Seminole 19 0 20K Hail(0.75) The Gaines County Sheriff's Office reported penny size hail covering U.S. Highway 385 caused an accident south of Seminole. No injuries occurred. **Andrews County** 1.5 NNW Florey to 3 SE Frankel City 2159CST 2205CST 0 Hail(0.75) Hail up to the size of pennies was reported from near Florey to Frankel City. **Dawson County** Lamesa 19 2216CST 0 Hail(0.75) Hail up to the size of pennies was reported in Lamesa. **Andrews County** 1 NW Andrews to 8 ESE Andrews 19 2300CST Hail(0.88) 2320CST Pea to nickel size hail was reported from just northwest of Andrews to just southwest of the intersection of Texas Highway 176 and Farm to Market Road 1788. **Gaines County** 6 E Seminole to 19 2300CST 2313CST 0 Hail(0.75) Seminole Pea to penny size hail covered the ground from 6 miles east of Seminole to Seminole **Martin County 5** E Flower Grove 2355CST The Flower Grove Co-op Gin reported penny size hail covering Farm to Market 2002 in front of the gin TXZ074-258-258 Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County 19 20 2000CST 1800CST High Wind (MG76) A mountain high wind event occurred on the 20th in the Davis Mountains. The peak wind speed was 71 mph recorded at Mount Locke. No damage was reported. **Pecos County** 9 WSW Ft Stockton 28 Hail(1.75) Golf ball size hail fell during this time period piling up to a depth of 2 inches. **Pecos County** Belding 1730CST 28 0 0 Hail(1.00) Quarter size hail covered the ground in Belding. **Reeves County** Verhalen 28 0 Hail(1.00) Nickel to quarter size hail was reported by the public in Verhalen **Ward County** 1 E Barstow Thunderstorm Wind (EG57) 28 The Texas Department of Public Safety reported several 60 mph wind gusts just east of Barstow. **Pecos County Belding** 1830CST 1905CST 0 0 Hail(0.88) 28

The Pecos County Sheriff's Office reported penny to nickel size hail falling in Belding.



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March 2006 Time Local/ Path Length Path Number of Estimated Width Persons Damage TEXAS, West Winkler County 7 E Wink to Kermit 28 0 0 10K 0 Hail(1.00) Penny to quarter size hail fell in 60 to 65 mph winds in both Kermit and Wink, breaking many windows and shredding south facing building sides. **Winkler County** Kermit 28 1910CST 10K Hail(2.00) The Kermit Police Department reported hail up to two inches in diameter fell in Kermit. Coupled with high winds, the large hail broke many windows and shredded south facing building sides. Winkler County Kermit 28 0 10K Thunderstorm Wind (EG57) Penny to quarter size hail fell in 60 to 65 mph winds in both Kermit and Wink, breaking many windows and shredding south facing building sides. **Pecos County** 24 SW Bakersfield 28 2025CST Hail(1.50) A trained NWS storm spotter came across penny size hail covering the ground southwest of Bakersfield an hour after the last storm went through the area. Hail size estimated given potential melting over that period. **Pecos County** 30 SE Ft Stockton 28 0 Hail(1.00) Quarter size hail, three inches deep, on Highway 285 southeast of Fort Stockton was reported an hour after the last storm moved over the area. **Pecos County Belding to** 2155CST 2209CST Hail(1.75) 28 5 E Ft Stockton Penny to golfball size hail fell in and around Fort Stockton **Crane County** 17 NW Crane 28 2215CST Thunderstorm Wind (EG52) A trained spotter at a petroleum plant in rural Crane county reported 60 mph wind gusts. No damage was reported **Pecos County** 10 E Ft Stockton 28 2215CST 0 0.30KHail(1.75) Golfball size hail broke the windshield on a car traveling on Interstate 10 east of Fort Stockton. **Pecos County** 7 NW Sheffield to .5 N Sheffield 2226CST 2240CST Hail(1.75) 28 The Pecos County Sheriff's Department reported 3 to 4 inches of golf ball sized hail covering Interstate 10 between mile markers 319 and 328. Mile marker 328 is about 1/2 mile north of Sheffield. **Ector County** 4 W Pleasant Farms 28 0 Thunderstorm Wind (EG52) A ranch owner in rural Ector county reported that 6 inch diameter limbs were knocked off trees by high winds associated with a **Ector County** Odessa 28 29 2329CST 0130CST **5K** 0 Flash Flood The Odessa Police Department reported that a motorist was stranded in the intersection of Muskingum and 11th Streets. This

motorist remained stranded for 45 minutes because the water was too high for rescuers to reach him.



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		Time Local/ Standard	Length	Path Width	Number of Persons		Estimated Damage			March 2006
Location	Date			(Yards)	Killed	Injured	Property	Crops	Character of Storm	
TEXAS, West										
Midland County										
Midland	28	2330CST			0	0	0	0	Hail(0.88)	
Midiand	20	2330CS1			U	U	U	U	11aii(0.00)	
Midland County										
Midland	28 29	2350CST			0	0	0	0	Flash Flood	
		0150CST								
	ANW	'S trained spotter	reported six ir	iches of flow	ing water	at the inter	section of A	Andrews H	ighway and Midkiff Ro	oad.
Borden County										
12 W Gail	31	2213CST 2224CST			0	0	0	0	Hail(1.00)	