



# National Weather Service

## Storm Data and Unusual Weather Phenomena



February 2005

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

NMZ033

**Central Lea County**

01	0200MST 1200MST				0	0	0	0	Winter Weather/Mix
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Accumulating snowfall affected the far southeastern plains of New Mexico on the 1st. This occurred as a significant winter storm racked the adjacent counties of west Texas. Reported snow accumulations from central and southern Lea County included

Hobbs.....1 inch  
Jal.....3 inches

**Eddy County**

Artesia to  
12 E Artesia

23	1649MST 1720MST				0	0	0	0	Hail(1.00)
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Multiple reports of quarter size hail were received as an isolated supercell thunderstorm tracked east across northern Eddy County

**Eddy County**

1 W Carlsbad to  
1 NE Carlsbad

23	1803MST 1815MST				0	0	3K	0	Hail(1.75)
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Multiple reports of large hail ranging in size from quarters to golfballs were received as a severe thunderstorm affected Carlsbad.

Two elevated supercell storms developed over Eddy County during the early evening of the 23rd. These storms produced large hail as they tracked east across the northern and central portions of the county. No significant damage was reported.

### TEXAS, West

TXZ045>047-050-059-074

**Gaines - Dawson - Borden - Andrews - Loving - Davis / Apache Mountains Area**

01	0300CST 1500CST				0	0	0	0	Winter Storm
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*A crossing guard monitors traffic at a school crosswalk during the February 1st winter storm in Lamesa where up to seven inches of snow accumulated. Schools across the northwestern Permian Basin released students early because of the heavy snow and winter storm conditions. Photo courtesy: Russell Skiles/Lamesa Press-Reporter.*



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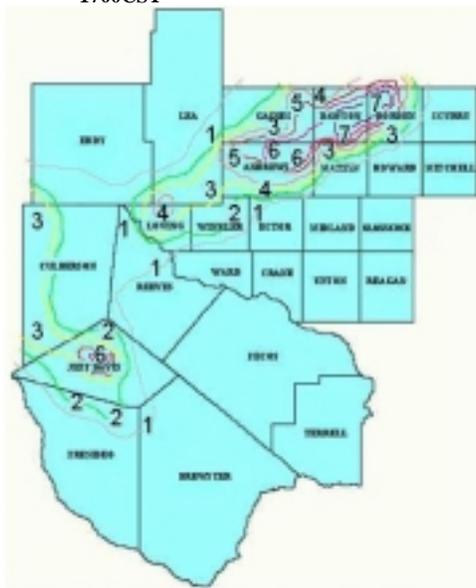
### TEXAS, West

Significant snow accumulations accompanied a winter storm over west Texas on Tuesday, February 1st. The winter storm affected areas from the Davis Mountains northeast across the Upper Trans Pecos and the northwestern Permian Basin. The heaviest snow fell over the northwestern Permian Basin, where storm total snow accumulations piled up to seven inches. The storm caused dangerous driving conditions and contributed to several roll-over vehicle accidents in Andrews, Borden, Dawson, and Gaines Counties. Reported storm total snow accumulations include:

Andrews.....4 inches  
 Andrews 10 N U.S. Highway 385.....6 inches  
 Florey.....6 inches  
 Fort Davis.....6 inches  
 Frankel City.....6 inches  
 Gail 17 NW.....7 inches  
 Lamesa.....7 inches  
 Loop.....5 inches  
 Mentone.....4 inches  
 Punkin Center.....5 inches  
 Sand.....6 inches  
 Welch.....4 inches

**TXZ058-060>061-079-081- Reeves County And Upper Trans Pecos - Winkler - Ector - Presidio Valley - Big Bend Area - Guadalupe Mountains Of Culberson County**

**01 0300CST 0 0 0 0 Winter Weather/Mix 1700CST**



*Storm total accumulations resulting from the February 1st winter storm in west Texas.*

Less significant snow accumulations accompanied the winter storm from the northern parts of the Big Bend and the Guadalupe Mountains northeast into the western low rolling plains of west Texas. Snowfall was at times heavy over these areas, and included a daily record snowfall at Midland International Airport. Ground temperatures, however, were relatively warm and melting helped to limit accumulations. Reports of snow accumulations across the region included:

Alpine.....1 inch  
 Gail.....3 inches  
 Goldsmith.....1 inch  
 Kent.....2 inches  
 Kermit.....2 inches  
 Lenorah.....2 inches



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					Killed	Property	Crops

### TEXAS, West

Marfa.....2 inches  
 McDonald Observatory..2 inches  
 Orla.....1 inc h  
 Patricia.....3 inches  
 Pecos.....1 inch  
 Pine Springs.....3 inches  
 Van Horn.....3 inches  
 Wink.....2 inche s

Light rain and drizzle transitioned to snow over the mountains of west Texas late Monday evening. Wintry precipitation then spread from west to east across the area through the pre-dawn hours Tuesday, February 1st. By mid morning, a narrow band of heavy snow developed over the Upper Trans Pecos region of west Texas and stretched northeast across the northwestern Permian Basin. Snow quickly accumulated to significant depths beneath this heavy snow band as it persisted over Andrews, Dawson, Gaines, and northwestern Borden Counties through midday. Relatively warm ground temperatures helped to limit snow accumulations over much of the area, however, six to seven inch accumulations were common across the northwestern portions of the Permian Basir.

### **TXZ074-258**

#### **Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County**

<b>12</b>	<b>0800CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind (MG80)</b>
<b>13</b>	<b>0500CST</b>					

Severe mountain winds affected the higher terrain of west Texas on the 12th and early on the 13th. Wind gusts to 92 MPH were recorded at The Bowl in the Guadalupe Mountains, and gusts to 79 MPH were recorded at the McDonald Observatory atop Mount Locke in the Davis Mountains.

### **Terrell County**

**39 NNE Dryden**

<b>23</b>	<b>1424CST</b>	<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Hail(2.75)</b>
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The Texas Department of Transportation reported baseball size hail at the intersection of Farm to Market Road 2400 and Texas Highway 349.

### **Terrell County**

**34 NNE Dryden**

<b>23</b>	<b>1448CST</b>	<b>0</b>	<b>0</b>	<b>3K</b>	<b>0</b>	<b>Hail(2.75)</b>
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A rural resident of northeastern Terrell County encountered golfball to baseball size hail along Texas Highway 349 near Independence Creek.

An isolated supercell thunderstorm initiated near a dryline and cold front triple point over southern Pecos County during the afternoon of the 23rd. This storm rapidly intensified as it moved east into northern Terrell County. Two independent reports of giant hail were received as the storm traversed rural portions of the county.

### **Reagan County**

**Big Lake**

<b>23</b>	<b>2310CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
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### **Reagan County**

**10 NW Texon**

<b>23</b>	<b>2330CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
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Employees at the the Benedum Gas Plant reported penny size hail on the Upton and Reagan County line.

### **Upton County**

**14 NE Rankin**

<b>23</b>	<b>2330CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
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Employees at the the Benedum Gas Plant reported penny size hail on the Upton and Reagan County line.

### **Reagan County**

**13 NNW Stiles**

<b>24</b>	<b>0004CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
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### TEXAS, West

#### 0008CST

A rural resident in northern Reagan County reported penny size hail that covered the ground just north of the Farm to Market Road 1357 and Texas Route 137 intersection.

A cluster of strong to severe convection developed during the late evening of the 23rd just north of a cold front over the southern Permian Basin in west Texas. Hail up to the size of pennies was reported with these storms.

### TXZ074

#### Davis / Apache Mountains Area

26	0500CST 1100CST				0	0	0	0	<b>Heavy Snow</b>
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Heavy snow began falling over the Davis Mountains of southwestern Texas during the predawn hours of the 26th. By mid morning, operations at the McDonald Observatory were closed due to nine inches of snow accumulation. Up to five inches of snow accumulated in neighboring Fort Davis. Texas State Highway 118 between Interstate 20 and Fort Davis was impassable through much of the day.

### Borden County

#### Gail

27	1820CST				0	0	0	0	<b>Hail(0.88)</b>
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### Howard County

#### 13 NE Big Spring

27	1925CST				0	0	0	0	<b>Hail(1.75)</b>
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Golfball size hail was reported at the intersection of Farm to Market Road 820 and Texas Highway 350 in northeastern Howard County.

An isolated supercell thunderstorm developed near a dryline and cold front intersection over the northeastern Permian Basin of west Texas during the early evening hours of the 27th. This storm resulted in large hail up to the size of golfballs as it tracked southeast across Borden and Howard Counties.