



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2001

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

TEXAS, South Panhandle

Terry County									
Wellman	04	2030CST			0	0			Hail (0.88)
Hockley County									
Smyer	04	2045CST			0	0			Hail (0.75)
Hockley County									
2 E Smyer	04	2045CST			0	0			Hail (1.00)
Hockley County									
Ropesville	04	2110CST			0	0			Hail (0.75)
Hockley County									
Smyer	04	2110CST			0	0			Hail (0.75)
Terry County									
Meadow	04	2110CST			0	0	30K		Hail (1.75)
Golfball size hail was reported in town by law enforcement officials.									
Lubbock County									
Reese Afb	04	2113CST			0	0			Hail (0.88)
Lubbock County									
Shallowater	04	2140CST			0	0			Hail (0.75)
Terry County									
3 NE Union	04	2155CST			0	0	10K	20K	Hail (1.75)
Golfball size hail was reported by law enforcement officials.									
Hale County									
5 N Hale Center	04	2255CST			0	0			Hail (0.88)
Hale County									
3 SW Plainview	04	2255CST			0	0			Hail (0.75)
Hale County									
5 W Plainview	04	2318CST			0	0	25K	40K	Hail (2.00)
A storm chaser reported hen egg size hail at the intersection of Farm-to-Market Road 1424 and Farm-to-Market Road 1071.									
TXZ021>025-027>031-033>037-039>043	Parmer - Castro - Swisher - Briscoe - Hall - Bailey - Lamb - Hale - Floyd - Motley - Cochran - Hockley - Lubbock - Crosby - Dickens - Yoakum - Terry - Lynn - Garza - Kent								
	06	1400CST 1900CST			0	0	140K		High Wind (G60) ^M
<p>The cold front associated with a rapidly deepening low pressure system over the Central Plains moved through West Texas during the afternoon. Westerly wind behind this front increased to 40 to 50 mph with gusts near 70 mph measured in several locations. Fairly widespread but minor damage resulted from the strong wind including numerous power lines and power poles blown down; signs blown down; several tractor trailers blown over; damage to the siding and roofs of buildings; and trees blown down. Widespread blowing dust resulted in visibilities of less than two miles across the South Plains and extreme southern Texas Panhandle.</p> <p>The West Texas Mesonet sites near Morton and Levelland measured nonconvective wind gusts to 66 mph while the site at Reese Center measured a 68 mph gust.</p>									
Parmer County									
Bovina	06	1510CST			0	0	3K		Thunderstorm Wind
Strong thunderstorm wind blew down power lines and damaged the roof of a barn									
Castro County									
5 SW Dimmitt	06	1545CST			0	0	150K		Thunderstorm Wind
Several center pivot irrigation systems were destroyed by thunderstorm wind in the western portion of the county									



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TEXAS, South Panhandle

Castro County 5 W Dimmitt	06	1545CST			0	0	4K		Thunderstorm Wind
Several power poles were blown down by thunderstorm wind.									
Castro County 6 W Nazareth	06	1600CST			0	0	10K		Thunderstorm Wind
Strong wind uprooted trees and blew the roof off of a building.									
Castro County Sunnyside	06	1605CST			0	0	150K		Thunderstorm Wind
Several center point irrigation systems were destroyed by thunderstorm wind across the southern portion of the county.									
Castro County Nazareth	06	1608CST			0	0	35K		Thunderstorm Wind
A mobile home was destroyed by thunderstorm wind.									
Lamb County 4 NW Sudan	06	1612CST			0	0	2K		Thunderstorm Wind
Strong thunderstorm wind destroyed a railroad crossing arm and shattered the windows out of a car.									
Lamb County 6 S Olton	06	1615CST			0	0			Thunderstorm Wind (G72)^M
The West Texas Mesonet site near Olton measured an 83 mph thunderstorm wind gust.									
Hale County 5 NE Abernathy	06	1635CST			0	0			Thunderstorm Wind (G63)^M
The West Texas Mesonet site northeast of Abernathy measured a 72 mph thunderstorm wind gust.									
Hale County Halfway	06	1635CST			0	0	40K		Thunderstorm Wind
A center pivot irrigation system was destroyed by strong thunderstorm wind.									
Swisher County Happy	06	1640CST			0	0	100K		Thunderstorm Wind (G87)
Strong thunderstorm wind destroyed two trailer homes, partially removed the roof of a church, blew over two tractor trailers, and produced major damage to a building. An NWS survey suggested wind speeds associated with this damage were about 100 mph. A veteran storm chaser suggested that some of this damage may have been the result of a strong gustnado that briefly spun up on the leading edge of the thunderstorm outflow wind.									
Lubbock County (Lbb)Lubbock Intl Ar	06	1642CST			0	0			Thunderstorm Wind (G50)^M
Hale County (Pvw)Hale Co Arpt	06	1645CST			0	0			Thunderstorm Wind (G66)^M
Briscoe County 7 NW Silverton	06	1700CST			0	0			Thunderstorm Wind (G60)
A storm spotter estimated 70 mph wind near Lake Mackenzie.									
Briscoe County Silverton	06	1710CST			0	0	30K		Thunderstorm Wind
Strong thunderstorm wind damaged a roof and blew down power lines.									
TXZ021>032									
Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle									
	11	0900CST 1300CST			0	0	0		High Wind (G52)^M
A pacific cold front moved through West Texas during the evening hours of the 10th. The associated low pressure system over the Central Plains continued to deepen through the 11th causing the pressure gradient across the area to increase. Deep mixing of the dry air west of the cold front allowed high momentum air above the surface to reach the ground. As a result, sustained wind of 40 to									



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TEXAS, South Panhandle

45 mph with measured gusts to near 60 mph occurred in the extreme southern Panhandle. Blowing dust reduced the visibility to less than one mile in many locations.

Hockley County

Levelland	16	1750CST			0	0			Hail (0.75)
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Amateur radio SKYWARN spotters reported dime size hail in town.

Hockley County

5 NW Levelland	16	1750CST			0	0			Hail (1.00)
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Hockley County

6 W Levelland	16	1750CST			0	0	15K		Hail (1.50)
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Amateur radio SKYWARN spotters reported walnut size hail on Highway 114 west of town.

Hockley County

2 W Levelland	16	1805CST 1820CST			0	0	30K	40K	Hail (1.75)
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A storm chaser reported half dollar to golfball size hail on Highway 114.

Hockley County

3 S Levelland	16	1806CST			0	0			Hail (1.00)
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Amateur radio SKYWARN spotters reported quarter size hail south of town on Highway 385.

Hockley County

Levelland	16	1807CST			0	0	100K		Hail (1.75)
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Golfball size hail was reported in town.

Hockley County

1 W Lockettville	16	1825CST			0	0	25K	25K	Hail (1.75)
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Golfball size hail was reported by law enforcement officials on Highway 385.

Terry County

7 W Meadow	16	1825CST			0	0	15K	25K	Hail (1.75)
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Golfball size hail was reported by law enforcement officials on Highway 385 north of Needmore.

Terry County

2 S Meadow	16	1843CST			0	0			Hail (1.00)
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Amateur radio SKYWARN spotters reported quarter size hail on Highway 62 south of Meadow.

Briscoe County

Silverton	21	1600CST			0	0			Hail (0.88)
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Briscoe County

Silverton	21	1625CST			0	0			Hail (0.75)
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Floyd County

Lockney	21	1640CST			0	0			Hail (0.75)
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Lubbock County

Lubbock	21	1640CST			0	0			Hail (1.00)
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An off-duty NWS meteorologist reported quarter size hail on the southwest side of town.

Lubbock County

Lubbock	21	1644CST			0	0			Hail (1.00)
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Quarter size hail was reported on the south side of town.

Lubbock County

(Lbb)Lubbock Intl Ar	21	1658CST			0	0			Hail (1.25)
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Lubbock County

Lubbock	21	1720CST			0	0			Hail (1.00)
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Quarter size hail was reported at Indiana and 101st Street.

Lubbock County

7 S Wolfforth	21	1724CST			0	0			Hail (1.25)
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Amateur radio SKYWARN spotters reported half dollar size hail.



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<u>TEXAS, South Panhandle</u>									
Hockley County									
4 NE Ropesville	21	1730CST			0	0			Hail (0.75)
Amateur radio SKYWARN spotters reported dime size hail on Highway 62									
Lubbock County									
Lubbock	21	1730CST			0	0	150K		Hail (1.75)
Golfball size hail was reported on the southwest side of Lubbock.									
Lubbock County									
Lubbock	21	1730CST			0	0			Hail (1.00)
Quarter size hail was reported on the southwest side of town.									
Lubbock County									
Lubbock	21	1733CST			0	0			Hail (0.75)
Dime size hail was reported on the west side of town.									
Lubbock County									
Lubbock	21	1733CST			0	0	100K		Hail (2.00)
An off-duty NWS employee reported hen egg size hail on the west side of town									
Lubbock County									
Lubbock	21	1735CST			0	0			Hail (1.00)
Quarter size hail was reported on the north side of town.									
Terry County									
Wellman	21	1735CST			0	0			Hail (1.00)
Terry County									
Brownfield	21	1736CST			0	0			Hail (1.00)
Lubbock County									
Lubbock	21	1740CST			0	0			Hail (1.00)
Quarter size hail was reported at Texas Tech University.									
Lubbock County									
Lubbock	21	1750CST			0	0			Hail (0.75)
Dime size hail was reported on the east side of town.									
Hall County									
2 S Brice	21	1753CST			0	0			Hail (1.00)
Bailey County									
6 SE Muleshoe	21	1920CST			0	0	25K	30K	Hail (1.75)
Golfball size hail was reported by law enforcement officials.									
Lamb County									
5 NW Sudan	21	1920CST			0	0	25K	30K	Hail (1.75)
Golfball size hail was reported by law enforcement officials.									
Bailey County									
4 E Muleshoe	21	1940CST			0	0	25K	30K	Hail (1.75)
Golfball size hail was reported by law enforcement officials.									
Castro County									
18 SW Dimmitt	21	1942CST			0	0			Hail (0.75)
Castro County									
2 N Sunnyside	21	2020CST			0	0			Hail (1.00)
Castro County									
10 SW Dimmitt	21	2026CST			0	0			Hail (0.75)
Castro County									
7 S Dimmitt	21	2035CST			0	0			Hail (0.75)



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TEXAS, South Panhandle

Castro County

Dimmitt	21	2045CST			0	0			Hail (1.00)
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Lubbock County

(Lbb)Lubbock Intl Ar	21	2155CST			0	0			Thunderstorm Wind (G55)^M
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Hale County

5 NE Abernathy	21	2220CST			0	0			Thunderstorm Wind (G54)^M
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The West Texas Mesonet site northeast of Abernathy measured a 62 mph wind gust.

TXZ021>025-027>031-033>037-039>043 **Parmer - Castro - Swisher - Briscoe - Hall - Bailey - Lamb - Hale - Floyd - Motley - Cochran - Hockley - Lubbock - Crosby - Dickens - Yoakum - Terry - Lynn - Garza - Kent**

	22	1000CST 1600CST			0	0			High Wind (G51)^M
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Low pressure rapidly deepened over western Kansas in response to an upper level disturbance moving into the Plains from the Southern Rockies. As a result, the pressure gradient tightened over the Southern Plains. Deep mixing behind the associated cold front allowed high momentum air above the surface to reach the ground. Wind speeds increased to 35 to 45 mph across much of the South Plains and extreme southern Panhandle by late morning and early afternoon. Measured wind gusts were in the 55 to 60 mph range. Widespread blowing dust reduced visibility to less than one mile

Lynn County

2 W Grassland	30	1810CST			0	0			Hail (0.75)
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