



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		nber of rsons Injured	Estir Da: Property	nated mage Crops	Character of Storm	May 2002
TEXAS, South Panha		Standard	(Initial)	(Taras)	Timed	maroa	Troporty	Сторы	Cimilator of Storm	
Lubbock County										
Posey	04	2313CST			0	0	10K		Hail(0.75)	
Floyd County Floydada	05	0000CST			0	0	15K		Hail(1.00)	
Parmer County 6 S Friona	05	1540CST			0	0		10K	Hail(0.88)	
Parmer County 6 E Bovina	05 The P	1548CST Parmer County She	riff's Office r	eported golf	0 ball size ha	0		100K	Hail(1.75)	
Castro County 9 N Dimmitt	05 The C	1645CST Castro County She	riff's Office re	eported golfb	0 vall size hai	0		100K	Hail(1.75)	
Castro County 12 NNW Nazareth to 11 NNW Nazareth	05	1702CST 1706CST rm chaser reported	1	50	0 The torns	0 do remaine	ed over oper	n country	Tornado (F0)	
W 1 G 1	A SiO	im chaser reported	a tornado we	st of Afficy.	The torna	do remanie	cu over oper	r country.		
Yoakum County 3 W Plains	05	1705CST			0	0		50K	Hail(1.25)	
Cochran County 1 S Whiteface	05 An of	1726CST f-duty NWS empl	oyee reported	golfball size	0 e hail.	0		100K	Hail(1.75)	
Swisher County										
5 W Happy to	05	1730CST 1744CST	5	300	0	0			Tornado (F2)	
Нарру	NWS	ge tornado develor	Texas Tech U	niversity win	nd enginee	r, could on	lly find dam	age to pow	ne storm survey team, ver poles and to fence	
Hockley County	0.5	1 505 CCT			0	0		2517	T 11/4 00)	
1 W Levelland	05	1737CST			0	0		25K	Hail(1.00)	
Swisher County Happy to 3 E Happy	05	1745CST 1755CST	3	150	2	4	4M		Tornado (F2)	
									lo developed just wes	

Storm chaser video indicated that shortly after the large tornado dissipated, another tornado developed just west of town. This tornado tore a 150-yard wide path across the southern part of town. Fifteen homes were destroyed, including at least ten mobile homes, another seventeen received major damage, and eighteen others received minor damage. The storm survey team estimated wind speeds associated with the damage to be in the 115 to 130 mph range. Two fatalities occurred in a mobile home on the southeast side of town; the mobile home was rolled about 50 yards and destroyed. Four injuries also occurred in mobile homes that were in the same area. The church on the west side of town lost 120 feet of its roof and 30 vehicles, including two tractor trailers, were damaged or destroyed. Seventy five utility and telephone poles were snapped. The tornado crossed I-27 and continued to produce significant damage east of town as it struck a home two miles east of Happy on Farm-to-Market Road 1075. Before crossing into southern Randall County about three miles east of Happy, the tornado produced major damage to a second home on Farm-to-Market Road 1075. M37MH, F35MH

Hockley County
1 W Whitharral

05 1752CST 0 0 100K Hail(1.75)

The Hockley County Sheriff's Office reported golfball size hail.





May 2002 Time Local/ Path Length Path Number of Estimated Persons Width Damage **TEXAS, South Panhandle Lamb County** Littlefield 05 0 250K Hail(2.75) Spotters with the Littlefield FD reported golfball to baseball size hail in town. **Lamb County** 05 1755CST 75K Thunderstorm Wind (G62)^M Littlefield Muni Arp 0 A meteorologist with the High Plains Underground Water Conservation District reported 71mph thunderstorm wind gusts. These strong outflow winds destroyed a trailer house, damaged the roofs of several homes, downed power lines and snapped power poles within two miles of the airport on Farm-to-Market Road 54. Some of this damage may have been the result of locally enhanced winds due to a strong gustnado (a brief, shallow eddy not extending to the thunderstorm cloudbase) that developed along the leading edge of the thunderstorm outflow. **Lamb County** 2 NW Littlefield 0 10K Thunderstorm Wind (G71) Thunderstorm outflow blew the roof off of a house and downed power lines and power poles northwest of town. This damage may have been the result of a strong gustnado that developed on the leading edge of the outflow. **Swisher County** 5 E Happy to 6 E Happy 05 2KTornado (F0) 1759CST 1802CST The tornado that went through Happy dissipated over southern Randall County. Shortly after this dissipation, the same supercell produced another tornado just to the south of the previous tornado's track. This tornado was reported by a storm chaser. An NWS storm survey team found snapped power poles and downed power lines on county roads just south of Farm-to-Market Road 1075, consistent with this report. **Lamb County** 2 S Fieldton to 2 N Fieldton 05 0 0 100K Hail(1.75) 1808CST 1815CST A storm chaser reported golfball size hail. **Hall County** 1934CST 2010CST 200K 2 S Brice to 05 Thunderstorm Wind (G80) W Lakeview Strong thunderstorm wind gusts, probably associated with the rear flank downdraft of the tornadic supercell, produced major damage to trees, power poles, power lines, center pivot irrigation systems, and the roofs of homes throughout a 10-mile stretch of Highway 256. An NWS storm survey team estimated winds associated with this damage to be in the 80 to 100 mph range. **Hall County** NNW Brice to 1934CST 1936CST 1 40 Tornado (F0) 1 NNE Brice An NWS storm survey team identified a narrow tornado track just north of town, in which trees were uprooted and snapped. **Hall County** 1 NE Lesley to 2 NE Lesley 2000CST 2003CST 40 2K Tornado (F1) A storm chaser reported a tornado north of town. The tornado snapped and uprooted trees, blew down power lines, and snapped power poles. **Hall County** 5 SW Memphis to 2 SW Memphis 2015CST 2020CST Tornado (F1) 05 3 50 0 5K

snapped a number of power poles.

A storm chaser reported a tornado southwest of town. The tornado snapped and uprooted trees, blew down power lines, and



Number of

Estimated



May 2002

Time Local Path Length Path Width Persons Damage **TEXAS, South Panhandle Hall County** Memphis 05 2020CST 0 0 75K Hail(1.50) **Hall County** Memphis to 2 S Memphis 05 2020CST 0 0 300K Thunderstorm Wind (G71) Strong thunderstorm wind gusts overturned four tractor trailers, caused extensive damage to buildings, including the school library, damaged the roofs of at least 50 homes, snapped power poles, and blew down power lines and trees. Portions of Highway 287 were closed due to this damage. **Hall County** 1 E Memphis to 5 E Memphis 05 50 4K Tornado (F1) A storm chaser followed a tornado from just east of Memphis to about 13 miles west of Loco (in Childress County). The tornado snapped trees and power poles and downed power lines. **Childress County** 15 W Loco to 05 2031CST 2KTornado (F1) 13 W Loco 2035CST A storm chaser followed a tornado from just east of Memphis (in Hall County) to about 13 miles west of Loco. The tornado snapped trees and power poles and downed power lines. **Childress County** 2 NW Loco 05 2044CST 0 0 50K Hail(1.75) A storm chaser reported golfball size hail. **Lubbock County** Shallowater 10 1845CST 0 Hail(0.75) **Lubbock County** 1905CST 100K 1 S Abernathy 10 0 0 Hail(1.75) A storm chaser reported golfball size hail. **Lubbock County** 4 N New Deal 1910CST 0 0 100K Hail(1.75) 1911CST A storm chaser reported quarter to golfball size hail. **Hale County** 4 W Petersburg 10 1925CST 0 0 20K Hail(1.00) **Hale County** 1 NW Petersburg 10 1925CST 0 15K Hail(0.88) Floyd County 10 15K Hail(0.88) 4 S Barwise 1945CST 0 0 **Hale County** 4 N Petersburg 10 1945CST 0 0 15K Hail(0.88) Floyd County 10 W Floydada 10 2005CST 0 25K Hail(1.00) **Motley County** 50K Hail(1.75) Roaring Spgs 10 Storm spotters affiliated with the Matador FD reported golfball size hail. Floyd County Floydada 10 2015CST 0 0 Hail(1.00) Floyd County 5 SW Floydada 10 2028CST 200K Hail(2.75) Amateur radio storm spotters reported baseball size hail.





May 2002 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage **TEXAS, South Panhandle** Floyd County 3 E Floydada to 5 E Floydada 10 0 0 200K Hail(2.75) Storm spotters reported baseball size hail. Floyd County 2 NE Dougherty 2050CST 10 100K Hail(1.75) Storm spotters affiliated with the Floydada FD reported golfball size hail. Floyd County 1 NE Dougherty 10 2050CST 0.5 40 Tornado (F0) An amateur radio storm spotter reported a brief tornado touchdown over open country. **Motley County** 10 W Matador 10 75K Hail(1.75) Storm spotters affiliated with the Matador FD reported golfball size hail. **Cochran County** 8 SE Morton 100K Hail(1.75) Storm spotters affiliated with the Morton FD reported golfball size hail. **Cochran County** 7 E Morton 10 2058CST 0 100K Hail(1.75) The Cochran County Sheriff's Office reported golfball size hail **Cochran County** Whiteface 10 2059CST 50K 100K Hail(1.75) Storm spotters affiliated with the Morton FD reported golfball size hail. **Hockley County** 2 N Pettit 10 2102CST 0 0 75K Hail(1.50) **Hockley County** 2 N Pettit 2102CST 2K Thunderstorm Wind Strong thunderstorm wind blew down trees and power lines. **Hockley County 5 NNW Pettit** 10 2103CST 0 0 150K Hail(1.75) The public reported golfball size hail. **Motley County** 1 N Roaring Spgs 75K Hail(1.75) 10 Storm spotters affiliated with the Matador FD reported golfball size hail. **Motley County** 4 S Matador 10 75K Hail(1.75) Storm spotters affiliated with the Matador FD reported golfball size hail. **Lamb County** 1 W Littlefield 0 100K Hail(1.75) The Lamb County Sheriff's Office reported golfball size hail **Parmer County Bovina** 10 2130CST 0 0 Hail(0.88) **Parmer County Bovina** 10 2133CST 0 50K Hail(1.75) The Parmer County Sheriff's Office reported golfball size hail. **Lamb County** 10 Olton 2140CST 50K Hail(1.75) Storm spotters affiliated with the Olton FD reported golfball size hail **Bailey County** 2 W Muleshoe 10 2152CST 0 10K Hail(0.75)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estin Dar Property	nated nage Crops	Character of Storm	May 2002
TEXAS, South Panha	<u>ndle</u>									
Bailey County 2 W Muleshoe	10	2154CST			0	0		20K	Hail(1.00)	
Castro County Hart	10 The C	2155CST Castro County She	riff's Office re	ported golfba	0 all size hail.	0	50K		Hail(1.75)	
Bailey County 3 W Muleshoe	10	2158CST			0	0		20K	Hail(1.00)	
Hale County Edmonson	10	2158CST			0	0		20K	Hail(0.88)	
Swisher County Tulia	10 The T	2209CST Tulia PD reported a	golfball size h	ail.	0	0	50K		Hail(1.75)	
Bailey County 3 N Muleshoe	10	2210CST			0	0		15K	Hail(0.75)	
Parmer County Lazbuddie	10	2220CST			0	0			Hail(1.00)	
Childress County (Cds)Childress Arpt	23	1100CST			0	0			Hail(0.75)	
Childress County Childress	24	1422CST 1425CST			0	0			Hail(0.88)	
Childress County Childress	24 A stor	1429CST	l golfball size	hail.	0	0	100K		Hail(1.75)	
Childress County Childress	24	1502CST			0	0			Hail(0.88)	
Dickens County 6 NE Dickens	24	1513CST			0	0			Hail(0.88)	
Dickens County 13 NE Dickens	24	1534CST			0	0		25K	Hail(1.25)	
Childress County 8 SE Childress	24	1551CST			0	0			Hail(0.88)	
Cottle County 15 N Paducah	24	1558CST			0	0		25K	Hail(1.00)	
Childress County Childress	24	1606CST			0	0			Hail(1.00)	
Dickens County 10 E Dickens	24	1609CST			0	0		15K	Hail(1.00)	
Dickens County 15 E Dickens	24 The D	1613CST Dickens County Sh	neriff's Office	reported golf	0 ball size hai	0		50K	Hail(1.75)	
Childress County Childress	24 The C	1625CST Childress PD repor	ted quarter to	golfball size	0 hail.	0	100K		Hail(1.75)	
King County 10 W Guthrie	24 Law e	1625CST enforcement offici	als reported go	olfball size h	0 ail on Highv	0 way 82.		50K	Hail(1.75)	





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	May 2002 Character of Storm
TEXAS, South Panh								
King County Guthrie	24	1655CST			0	0		Hail(0.88)
Stonewall County 15 N Aspermont	24 The S	1657CST tonewall County	Sheriff's Offic	ce reported go	0 olfball size h	0 ail.	75K	Hail(1.75)
Cottle County 4 NE Paducah	24	1800CST			0	0	20K	Hail(1.00)
Cottle County		1000051			Ü	Ü	2011	(-10-0)
5 SE Swearingen	24 Storm	1802CST a spotters reported	l hail larger th	an golfball si	0 ze	0	100K	Hail(2.00)
Cottle County 6 NE Paducah	24 Storm	2129CST a spotters affiliated	d with the Pad	lucah FD repo	0 orted golfbal	0 Il size hail	100K	Hail(1.75)
Cottle County 7 NE Paducah	24	2131CST			0	0	10K	Hail(1.00)
Yoakum County Bronco	26	1455CST			0	0	10K	Hail(0.75)
Crosby County 1 SE Ralls	26 The V	1650CST Vest Texas Mesor	net site near R	alls measured	0 I a 58 mph th	0 nunderstor	m wind gust.	Thunderstorm Wind $(G50)^M$
Briscoe County Silverton	26 Strong	1735CST g thunderstorm w	ind gusts dam	aged several	0 roofs and blo	0 ew down t	15K rees and power lines.	Thunderstorm Wind
Briscoe County 7 E Silverton	26 The V	1750CST Vest Texas Mesor	net site east of	Silverton me	0 easured a 60	0 mph thunc	derstorm wind gust.	Thunderstorm Wind $(G52)^M$
Hale County 7 W Plainview	27 The P	1349CST lainview PD repo	orted golfball s	size hail.	0	0	100K	Hail(1.75)
Swisher County Tulia	27	1354CST			0	0		Hail(0.75)
Hale County Plainview	27	1359CST			0	0		Hail(0.75)
Hale County Seth Ward	27	1401CST 1402CST			0	0		Hail(0.88)
Hockley County Ropesville	27 Golfb	1405CST 1410CST all to baseball siz	e hail was rep	orted by stori	0 m spotters.	0	100K	Hail(2.75)
Swisher County 6 NW Kress	27	1415CST			0	0	20K	Hail(1.00)
Hale County 5 N Abernathy	27	1417CST			0	0	20K	Hail(1.00)
Hale County 5 N Abernathy	27	1417CST			0	0		Thunderstorm Wind (G52)
Lubbock County Wolfforth	27	1424CST			0	0		Hail(1.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estin Dar Property	nated nage Crops	Character of Storm	May 2002
TEXAS, South Panh	andle									
Swisher County		1.14E.CC			•			•	T N/4 00	
6 NW Kress	27	1445CST			0	0		20K	Hail(1.00)	
Hale County 2 NW Petersburg	27	1501CST			0	0		25K	Hail(0.88)	
Hale County										
5 NE Abernathy	27 Storm	1505CST a spotters reported	golfball size	hail.	0	0		100K	Hail(1.75)	
Hale County										
6 NE Abernathy	27 Amat	1515CST eur radio storm sp	ootters reporte	d tennis ball	0 size hail. T	0 The hail de	stroyed at le	500K east 5000 a	Hail(2.50) cres of cotton.	
Hale County 1 NE Petersburg	27	1523CST			0	0		100K	Hail(1.50)	
_	21	1323CS1			U	U		100K	Hall(1.50)	
Hale County 6 N Abernathy	27 A stor	1534CST rm chaser reported	d golfball size	hail.	0	0		100K	Hail(1.75)	
Floyd County Mc Coy	27	1545CST			0	0			Hail(0.75)	
Hale County 5 S Plainview	27 Stron	1550CST g thunderstorm w	ind gusts snap	pped six powe	0 er poles and	0 l blew dow	2K on power lin	ies.	Thunderstorm Wind	I
Floyd County Mc Coy	27 Golfb	1600CST oall size hail was r	eported at the	Mc Coy gin.	0	0	10K	100K	Hail(1.75)	
Crosby County										
2 W Ralls to 1 W Ralls	27	1612CST 1614CST	1	50	0	0	3K		Tornado (F0)	
	A tori	nado destroyed a l	oarn on the we	est side of tov	vn.					
Crosby County Crosbyton	27	1641CST			0	0			Hail(1.00)	
Crosby County Crosbyton	27	1643CST			0	0	75K		Hail(1.75)	
	The C	1652CST Crosby County Sh	eriff's Office 1	eported golfl	oall size hai	1.				
Hale County				1						
Petersburg	27	1645CST			0	0			Hail(1.00)	
Crosby County									. (,	
Crosbyton	27 The C	1654CST Crosby County Sho	eriff's Office 1	reported golfl	0 ball size hai	0	75K		Hail(1.75)	
Floyd County Mc Coy	27 Golfb	1700CST pall size hail was r	eported at the	Mc Coy gin.	0	0		50K	Hail(1.75)	
Floyd County 5 W Mc Coy	27	1707CST			0	0		10K	Hail(0.75)	
Floyd County 8 S Floydada	27	1721CST			0	0		25K	Hail(1.00)	
Floyd County 12 S Floydada	27	1724CST			0	0		100K	Hail(1.50)	





Time Path Path Number of Estimated Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

TEXAS, South Panhandle

Crosby County							
Ralls		1754CST rosby County Sheriff's Office reported golfball estroyed cotton crops just outside town.	0 size hail.	0 The hail	50K damaged	250K the roofs of	Hail(1.75) Thomes and automobiles in town and
Crosby County							
3 S Crosbyton to 7 S Crosbyton	27	1832CST	0	0		250K	Hail(2.75)
7 5 Clossyton	Off-du	ty NWS employees reported baseball size hail.					
Hall County							
Lakeview	27	1908CST	0	0			Hail(1.00)
Floyd County							
Floydada	27	1915CST	0	0			Hail(0.75)
Yoakum County Plains	28	2101CST	0	0			Hail(1.25)
Hockley County							
2 S Sundown	28 Storm	2200CST spotters reported golfball size hail.	0	0		100K	Hail(1.75)
m	Storm	spotters reported gorioun size num.					
Terry County 3 S Union	28	2300CST	0	0		25K	Hail(1.00)
Lynn County							
6 S Tahoka	29	1555CST	0	0		15K	Hail(0.75)
Lynn County							
New Home	29	1608CST	0	0			Hail(1.00)
Lynn County	20	1/15/COT	0	0			H 3/4 50)
New Home	29	1615CST	0	0			Hail(1.50)
Lubbock County Lubbock	29	1627CST	0	0			Hail(0.75)
Lubbock County		1027 0.01	Ü	Ü			11un(0.72)
Lubbock	29	1633CST	0	0			Hail(1.00)
Lubbock County							
Lubbock	29	1635CST	0	0	150K		Hail(1.75)
	The pu	ablic reported golfball size hail at 46th Street an	d Chicago	Avenue.			
Lubbock County							
Lubbock	29 Quarte	1640CST or size hail was reported at the South Plains Mal	0	0			Hail(1.00)
	Quarte	I size haif was reported at the South I fains Mai	1.				
Lubbock County Lubbock	29	1642CST	0	0			Hail(0.75)
Lubbock County	2)	1042651	U	v			Han(0.73)
Lubbock	29	1643CST	0	0	50K		Hail(1.50)
Lubbock County							
7 E Lubbock	29 The Re	1705CST ansom Canyon PD reported golfball size hail.	0	0	150K		Hail(1.75)
	THE K	ansom Canyon i D reported gondan size han.					
Lubbock County 5 NE Slaton	29	1730CST	0	0		100K	Hail(1.50)
S INE SIAWII	47	1/30031	U	0		1001	11an(1.50)