



National Weather Service

Storm Data and Unusual Weather Phenomena



September 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

TXZ021>044

Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle - Cochran - Hockley - Lubbock - Crosby - Dickens - King - Yoakum - Terry - Lynn - Garza - Kent - Stonewall

01	0000CST				0	0			
30	2300CST								Drought

The long-term drought that redeveloped across the South Plains, extreme southern Panhandle, and Rolling Plains early this summer continued to ease during the month of September as thunderstorms brought much needed precipitation to the region on several occasions during the month. This rainfall was, however, very spotty in nature. A few NWS cooperative stations measured over three inches of rain during the month while a number of others measured less than half an inch. Most locations across the region experienced another month with below normal precipitation amounts and above normal temperatures. These conditions combined to maintain fairly dry soil moisture conditions and dryland crops continued to suffer. The greatest toll from this year's moderate drought conditions had already been taken in the early and mid summer months.

More details, including rough estimates of crop damage, will be included in later months after the extent of the drought is better determined.

Lubbock County
3 E Wolfforth

03	1900CST				0	0	10K	Hail (1.00)
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Lubbock County
2 S Wolfforth

03	1920CST				0	0	10K	Hail (1.25)
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Lamb County
Littlefield

16	1700CST				0	0	5K		Thunderstorm Wind
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Strong thunderstorm wind blew down power lines, snapped power poles, and produced minor damage to the roofs of buildings.

Lamb County
Hart Camp

18	1815CST				0	0	20K	Hail (1.50)
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Hall County
Estelline

19	2212CST				0	0	10K	Hail (1.00)
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Cochran County
Morton

20	1440CST 1445CST				0	0	10K	Hail (1.00)
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Cottle County
Cee Vee

20	1530CST				0	0		Hail (0.88)
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Childress County
Childress

20	1545CST 1551CST				0	0		Hail (1.00)
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Crosby County
10 S Ralls

20	1550CST				0	0	10K	Hail (0.75)
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Cottle County
Paducah

20	1551CST 1615CST				0	0	200K	100K	Hail (4.00)
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A severe multi-cell thunderstorm developed over southern Hall County. The storm drifted east-southeast at 15 mph and produced nickel size hail in Cee Vee in northwestern Cottle County. As the storm moved into central Cottle County, it quickly intensified and started moving to the south as it took aim on Paducah. A few miles north of town it began to show the radar characteristics of a high-precipitation supercell and its strength peaked just as it moved over the town. Copious amounts of hail, mostly golfball to tennis ball size but some as large as grapefruits (4 inch diameter stones), were wind-driven through windows and into the sides of homes and businesses resulting in damage to every building in town. Winds that accompanied the hail were on the order of around 70 mph based on a damage survey. Power poles were snapped, power lines and trees were blown down, and several buildings sustained minor structural damage from the wind. In addition to the damaging wind and hail, the town also experienced extreme rainfall rates (possibly on the order of 5 to 6 inches per hour) that resulted in flash flooding. Several cars were stranded in high water and several homes had water up to six inches deep in them. Estimated total property damage in Paducah from this severe thunderstorm is \$200,000 with another \$100,000 damage estimated to crops in the area around the town.



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TEXAS, South Panhandle

Cottle County

Paducah	20	1551CST 1608CST			0	0			Thunderstorm Wind (G61)
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A damage survey suggested thunderstorm wind gusts on the order of around 70 mph resulted in minor structural damage in town

Cottle County

Paducah	20	1605CST 1730CST			0	0	30K		Flash Flood
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Very heavy rainfall that fell in a short period of time from a high-precipitation supercell caused flash flooding that was up to 300 yards wide and five feet deep in some places in town. The NWS cooperative observer for Paducah measured over three inches of rain from the storm but given the limitations of the instruments in high wind situations, that was likely an underestimate of the actual rainfall. Several cars were stranded in high water and a few homes had water up to six inches deep in them.

Hockley County

Levelland	20	1605CST			0	0	10K		Hail (0.88)
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Hockley County

3 E Levelland	20	1610CST			0	0	10K		Hail (0.88)
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King County

Grow	20	1630CST			0	0	15K		Thunderstorm Wind
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Strong thunderstorm wind associated with the storm that hit Paducah earlier in the evening snapped power poles, blew down power lines and trees, and damaged several large barns and storage buildings near Grow.

King County

9 N Guthrie	20	1635CST			0	0	10K		Thunderstorm Wind
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Several barns were damaged one mile south of the Highway 83 and Farm-to-Market Road 193 intersection as indicated by an NWS storm survey.

King County

7 N Guthrie	20	1650CST 1655CST			0	0			Thunderstorm Wind (G61)
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Spotters estimated 70 mph wind gusts north of town on Highway 83.

King County

5 E Guthrie	20	1705CST 1710CST			0	0	10K		Hail (1.25)
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King County

5 E Guthrie	20	1730CST			0	0			Hail (0.88)
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King County

Grow	20	1735CST			0	0			Hail (0.75)
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Terry County

4 N Wellman	23	1355CST			0	0	10K		Hail (0.75)
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Terry County

11 SW Brownfield	23	1400CST 1415CST			0	0	50K		Hail (1.75)
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Storm spotters reported golfball size hail on Highway 62 between Brownfield and Wellman.

Terry County

Brownfield	23	1435CST			0	0	10K		Hail (0.75)
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