



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1998

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			Drought
31	2300CST								

The long-term drought continued in October across the Texas South Plains. Additional information, including rough crop damage estimates, will be included in later months once the impact of the drought is better determined.

Lamb County

5 ENE Earth	01	1455CST			0	0	0	25K	Hail (1.00)
-------------	----	---------	--	--	---	---	---	-----	--------------------

Hale County

Plainview	01	1504CST	0.2	10	0	0	10K	0	Tornado (F0)
-----------	----	---------	-----	----	---	---	-----	---	---------------------

Hale County

Plainview	01	1505CST			0	0	5K	0	Thunderstorm Wind
-----------	----	---------	--	--	---	---	----	---	--------------------------

Hale County

1 NE Plainview	01	1510CST			0	0	20K	0	Thunderstorm Wind
----------------	----	---------	--	--	---	---	-----	---	--------------------------

Castro County

6 SW Hart	01	1520CST			0	0	0	50K	Hail (1.75)
-----------	----	---------	--	--	---	---	---	-----	--------------------

Castro County

Hart	01	1532CST			0	0	0	0	Hail (0.88)
------	----	---------	--	--	---	---	---	---	--------------------

Briscoe County

6 W Silverton	01	1745CST			0	0	0		Hail (1.00)
---------------	----	---------	--	--	---	---	---	--	--------------------

Hale County

4 N Cotton Center	01	2330CST			0	0	0	25K	Hail (1.00)
-------------------	----	---------	--	--	---	---	---	-----	--------------------

Hockley County

11 NW Levelland	01	2348CST			0	0	0	25K	Hail (1.25)
-----------------	----	---------	--	--	---	---	---	-----	--------------------

Hockley County

6 N Levelland	02	0100CST			0	0	5K	0	Thunderstorm Wind
---------------	----	---------	--	--	---	---	----	---	--------------------------

A strong cold front stalled and became nearly stationary over the northern part of the Texas South Plains. With an upper level low pressure system to the west and a warm, moist airmass in place, severe thunderstorms developed and affected Hale, Lamb, Castro, Briscoe, and Hockley Counties.

There were several reports of nickel- to golfball-sized hail in these counties, which led to thousands of dollars in damage to cotton crops. The most concentrated damage, however, occurred on the outskirts of north Plainview. The Plainview Police Department reported that a weak, brief tornado overturned a truck on Interstate 27. High winds associated with this storm damaged five mobile homes, several sheds/outbuildings, and numerous trees. Much later that night, wind damage occurred to a building north of Levelland in Hockley County.

Parmer County

11 W Friona	30	1825CST			0	0		50K	Hail (1.75)
-------------	----	---------	--	--	---	---	--	-----	--------------------

Castro County

12 WSW Dimmitt	30	1836CST			0	0	0	25K	Hail (0.88)
----------------	----	---------	--	--	---	---	---	-----	--------------------

Parmer County

9 W Friona	30	1840CST			0	0	0	25K	Hail (1.00)
------------	----	---------	--	--	---	---	---	-----	--------------------

Castro County

7 N Dimmitt	30	1916CST	0.2	10	0	0	0		Tornado (F0)
-------------	----	---------	-----	----	---	---	---	--	---------------------



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1998

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

Castro County

5 N Dimmitt

31

1020CST

0

0

0

Hail (0.88)

Castro County

Northwest Portion

31

**1200CST
1300CST**

0

0

Flash Flood

Several severe storms and isolated flash flooding occurred in the extreme southwest panhandle on the 30th and 31st. An upper level low pressure system, strong upper diffluence, rich low level moisture, and a stalled front combined to cause the severe weather.

The Castro County Sheriff's Office reported a brief, weak tornado north of Dimmitt. Otherwise, there were several instances of nickel- to golfball-sized hail reported in northwest Parmer County (near Rhea) and in Castro County. The hail damaged cotton crops in those areas. Additional storms on the morning of the 31st caused flash flooding in Castro County, when several FM roads were closed due to flooding.