



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		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Panhandle

TXZ036-041>042

Crosby - Lynn - Garza

01	0800CST				0	0			Winter Storm
	2000CST								

A potent upper-level low pressure system crossed the South Plains of West Texas delivering a range of snowfall across the area. The heaviest snow fell in a narrow band across the southeastern South Plains. Snow totals in this narrow band ranged from 5 to 8 inches over Lynn, Garza and Crosby counties. Elsewhere over the area, snowfall totals ranged from a trace over Hockley, Yoakum and Cochran counties to 1.7 inches at the NWS Weather Forecast Office in Lubbock, TX.

**Castro County
Nazareth**

22	1855CST				0	0			Hail(0.88)
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**Castro County
Nazareth**

22	1905CST				0	0			Hail(0.88)
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**Lynn County
Tahoka**

27	1708CST				0	0			Hail(0.75)
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Penny-sized hail reported on the north side of Tahoka.

**Lynn County
Tahoka**

27	1710CST				0	0			Hail(0.88)
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Penny- to Nickel-sized hail reported by an NWS Cooperative Observer.

Numerous reports of soft, small hail in Lubbock were attributed to low-topped thunderstorms that developed ahead of a cold front pushing south over the area. At times, the soft hail was reported to fall in clusters as the high moisture content of the soft hail formed large clumps which accumulated up to 1 and 2 inches in depth over portions of Lubbock and Lynn counties. Abundant sunshine during the afternoon contributed to the instability which focused along a sharp moisture gradient center over Lubbock County. Dew points in the mid 20s prevailed to the west of this boundary with dew points in the lower 40s to the east and southeast. As the storm moved south into a more favorable environment, reports of dime to nickel size hail were received by the NWS Weather Forecast Office in Lubbock.