



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Tillman County									
7 S Hollister	06	1810CST 1812CST	0.5	10	0	0			Tornado (F0)
A brief, pencil-like tornado was observed in open country. No damage was reported.									
Cotton County									
4 SW Randlett	06	2012CST			0	0			Hail(0.88)
Hail was observed on Highway 36, two miles south of Highway 70.									
Cotton County									
4 SW Randlett	06	2020CST			0	0			Hail(1.00)
Hail was covering ground.									
Seminole County									
3 E Little	09	1327CST			0	0			Hail(1.75)
Seminole County									
3 E Little	09	1333CST			0	0			Hail(0.75)
Cleveland County									
6 N Norman	09	1358CST			0	0			Hail(1.75)
Cleveland County									
7 W Stella	09	1403CST			0	0			Hail(0.75)
Pontotoc County									
8 W Ada	09	1440CST			0	0			Hail(1.00)
Logan County									
3 S Crescent	09	1515CST			0	0			Hail(0.75)
Hughes County									
5 NNE Calvin	09	1550CST			0	0			Hail(0.75)
Lincoln County									
Kendrick	09	1648CST			0	0			Hail(0.88)
Lincoln County									
Stroud	09	1703CST			0	0			Hail(1.00)
Bryan County									
2 E Mead	09	1720CST			0	0			Hail(1.00)
Hail was observed at Lakewood Resort.									
Atoka County									
6 SW Lane	09	1806CST			0	0			Hail(0.88)
Atoka County									
7 SW Lane	09	1820CST			0	0			Hail(0.75)
McClain County									
8 NE Byars	10	0525CST			0	0			Hail(0.88)
Harper County									
Laverne	19	2210CST			0	0			Hail(1.00)
Harper County									
2 E Laverne	19	2210CST			0	0	15K		Lightning
Lightning caused a tank battery to catch on fire.									
Harper County									
Laverne	19	2225CST			0	0			Hail(1.00)
Harper County									
6 S Laverne	19	2230CST			0	0	15K		Lightning
A tank battery caught on fire due to a lightning strike.									



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<u>OKLAHOMA, Western, Central and Southeast</u>									
Harper County .5 SW Buffalo	19	2250CST			0	0			Thunderstorm Wind (MG60)
		Wind was measured by the Oklahoma mesonet.							
Harper County 5 N Selman	19	2300CST			0	0			Hail(1.00)
OKZ027 Grady	19	2300CST			0	0			High Wind (MG50)
		This high wind gust was measured by the Oklahoma mesonet site two miles south-southeast of Chickasha. The wind gust was caused by a wake low that developed in southwest Oklahoma behind an area of showers and thunderstorms that moved across the state. The wake low eventually moved northeast across central Oklahoma causing the wind gust near Chickasha							
Woods County 17 NW Freedom	19	2335CST			0	0			Hail(1.00)
Woods County 8 NE Lookout	20	0000CST			0	0	1.5K		Hail(0.75)
		Hail was reported to be covering the ground. A few windows were also broken.							
Kay County Braman	20	1512CST			0	0			Hail(1.00)
Kay County 3 N Braman	20	1519CST			0	0			Hail(0.75)
Kay County Braman	20	1534CST			0	0			Thunderstorm Wind (MG58)
Payne County Cushing	20	1655CST			0	0			Hail(1.00)
Payne County Cushing	20	1702CST			0	0			Hail(0.88)
Lincoln County Agra	20	1745CST			0	0			Hail(0.88)
Lincoln County Tryon	20	1749CST			0	0			Hail(0.75)
Lincoln County Agra	20	1752CST			0	0			Hail(1.25)
Lincoln County 3 E Agra	20	1805CST			0	0			Thunderstorm Wind (EG52)
Payne County Cushing	20	1805CST			0	0			Thunderstorm Wind (MG50)
		Wind was measured at the Cushing weather tower.							
Lincoln County 2 NE Stroud	20	1835CST			0	0			Hail(1.75)
Canadian County 2 W Yukon	21	1501CST			0	0			Hail(1.00)
		Hail was observed on Highway 66.							
Canadian County Yukon	21	1504CST			0	0			Hail(1.75)
		Hail was reported covering the ground							
Canadian County Yukon	21	1509CST			0	0			Hail(3.00)
		Hail was observed at the intersection of 7th and Oak Streets.							



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<u>OKLAHOMA, Western, Central and Southeast</u>									
Oklahoma County									
Bethany	21	1509CST			0	0			Hail(0.88)
									Hail was observed at 39th Street and Council Road.
Oklahoma County									
Bethany	21	1514CST			0	0			Hail(1.75)
									Hail was observed at the intersection of 39th Street and Council Road.
Grady County									
9 E Chickasha	21	1519CST			0	0			Hail(0.88)
Grady County									
1 W Tabler	21	1524CST			0	0			Hail(0.88)
Oklahoma County									
Bethany	21	1524CST			0	0			Hail(0.88)
									Hail was observed at the Wiley Post Airport (KPWA).
Oklahoma County									
Oklahoma City	21	1526CST			0	0			Hail(1.75)
									Hail was reported at the intersection of Hefner and Council Roads.
Grady County									
9 E Chickasha	21	1528CST			0	0			Hail(1.00)
Oklahoma County									
Oklahoma City	21	1530CST			0	0			Hail(3.00)
									Hail was observed at the intersection of Wilshire Boulevard and Council Road.
Oklahoma County									
Nichols Hills to 2 NE Nichols Hills	21	1541CST 1551CST			0	0	3M		Hail(1.00)
									Quarter size hail was observed at the corner of Grand Boulevard and Nichols Road. As the storm continued northeastward to Britton Road hail up to the size of quarters were observed with hail on the ground ranging from 3 inches to as much as 2 feet deep. Several cars got stuck in hail and had to be towed or dug out on the Broadway Extension. Hail damaged numerous structures and vehicles. The weight of the hail caused a carport to fall on one vehicle.
McClain County									
9 S Blanchard	21	1546CST			0	0			Hail(1.00)
Oklahoma County									
2 W The Vlg	21	1550CST			0	0			Hail(1.75)
									Hail was covering the ground up to two inches deep.
Oklahoma County									
Oklahoma City	21	1555CST			0	0			Hail(1.00)
									Hail was reported at Britton Road and Kelley Avenue.
Payne County									
Stillwater	21	1555CST			0	0			Hail(1.00)
Payne County									
7 E Stillwater	21	1555CST			0	0			Hail(1.00)
									Hail was observed covering the ground three inches deep.
Cleveland County									
3 NW Moore	21	1610CST			0	0			Hail(0.75)
									Hail was observed at 119th Street and Western Avenue.
Garvin County									
5 E Elmore City	21	1610CST			0	0			Hail(1.00)
Cleveland County									
Moore	21	1611CST			0	0			Hail(0.75)
									Hail was reported at 19th Street and Interstate 35.



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					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Cleveland County									
Moore	21	1615CST			0	0			Hail(0.75)
			Hail was observed at 4th Street and Eastern Avenue.						
Oklahoma County									
2 SE Arcadia	21	1616CST			0	0			Hail(0.88)
			Hail was observed at Highway 66 and Post Road.						
Cleveland County									
3 S Slaughterville	21	1620CST			0	0			Hail(1.25)
Mcclain County									
2 NW Purcell	21	1620CST			0	0			Hail(0.88)
Mcclain County									
2 NW Purcell	21	1626CST			0	0			Hail(1.00)
Oklahoma County									
2 W Harrah	21	1628CST			0	0			Hail(1.00)
			Hail was observed at the intersection of 23rd Street and Luther Road.						
Mcclain County									
5 SW Purcell	21	1630CST			0	0			Hail(2.00)
Oklahoma County									
Choctaw	21	1630CST			0	0			Hail(1.25)
Garvin County									
Elmore City	21	1632CST			0	0			Hail(0.75)
Oklahoma County									
Harrah	21	1632CST			0	0			Hail(1.00)
Mcclain County									
Purcell	21	1635CST			0	0			Hail(1.75)
Garvin County									
5 N Hennepin	21	1646CST			0	0			Hail(0.88)
Garvin County									
5 E Elmore City	21	1649CST			0	0			Hail(1.00)
Pottawatomie County									
2 E Pink	21	1657CST			0	0			Hail(1.00)
Payne County									
Yale	21	1658CST			0	0			Hail(0.88)
Cleveland County									
2 S Noble	21	1700CST			0	0			Hail(1.00)
Pottawatomie County									
2 N Wanette	21	1705CST			0	0			Hail(0.88)
Harper County									
6 S Buffalo	21	1707CST			0	0			Hail(0.88)
Harper County									
6 S Buffalo	21	1710CST			0	0			Hail(0.88)
Lincoln County									
2 N Chandler	21	1710CST			0	0			Hail(0.75)
Harper County									
5 S Buffalo	21	1719CST			0	0			Hail(1.00)
Garvin County									
2 E Stratford	21	1720CST			0	0			Hail(0.88)
			Hail was reported on Highway 19.						



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Pottawatomie County

Shawnee	21	1720CST			0	0			Hail(0.75)
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Hail was observed a half a mile north of the intersection of Harrison and Highland Streets.

Pontotoc County

3 NW Vanoss	21	1722CST			0	0			Hail(0.88)
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Carter County

3 W Lone Grove	21	1730CST			0	0			Hail(0.75)
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Garvin County

Stratford	21	1745CST			0	0			Hail(0.88)
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Murray County

5 W Dougherty	21	1748CST			0	0			Hail(1.75)
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Carter County

Ardmore	21	1749CST			0	0			Hail(0.88)
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Pottawatomie County

Pink	21	1749CST			0	0			Hail(1.00)
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Carter County

3 N Springer	21	1758CST			0	0			Hail(1.00)
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Carter County

Ardmore	21	1800CST			0	0			Hail(0.75)
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Ellis County

8 N Shattuck	21	1800CST			0	0			Hail(1.00)
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Harper County

15 SE Buffalo	21	1800CST			0	0			Hail(0.88)
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Oklahoma County

2 N Choctaw	21	1803CST			0	0			Hail(0.88)
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Hail was observed at 59th Street and Choctaw Road.

Oklahoma County

4 E Spencer	21	1806CST			0	0			Hail(0.88)
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Hail was observed at the intersection of 54th Street and Hiwassee Road.

Harper County

2 E May	21	1809CST			0	0			Thunderstorm Wind (EG52)
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Love County

Overbrook	21	1810CST			0	0			Hail(1.75)
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Ellis County

20 N Gage	21	1811CST			0	0			Hail(1.00)
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Carter County

6 S Ardmore	21	1815CST			0	0			Hail(1.00)
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Hail was observed at Lake Murray Village.

Love County

6 NE Marietta	21	1820CST			0	0			Hail(1.00)
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Love County

5 N Marietta	21	1825CST			0	0			Hail(1.75)
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Love County

5 NE Marietta	21	1825CST			0	0			Hail(1.75)
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Ellis County

7 NNW Shattuck	21	1826CST 1828CST	0.3	30	0	0			Tornado (F0)
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A storm chaser and several fire department personnel observed this narrow tornado in open country.



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April 2004

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

Ellis County

7.5 NNW Shattuck to 7 N Shattuck	21	1828CST 1831CST	1	200	0	0		Tornado (F0)
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This large multi-vortex tornado was videotaped by a storm chaser. No damage was reported

Johnston County

Mill Creek	21	1830CST			0	0		Hail(0.75)
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Marshall County

6 NNW Lebanon	21	1830CST			0	0		Hail(2.75)
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Alfalfa County

3 N Cherokee	21	1833CST			0	0		Hail(1.75)
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Pottawatomie County

5 NW Shawnee	21	1839CST			0	0		Hail(0.75)
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Hail was observed at Interstate 40 and Highway 177.

Pottawatomie County

5 NW Shawnee	21	1841CST			0	0		Hail(1.00)
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Pottawatomie County

Shawnee	21	1845CST			0	0		Hail(1.50)
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KWTV Channel 9 in Oklahoma City reported hail on west side of Shawnee.

Pottawatomie County

Shawnee	21	1847CST			0	0		Hail(1.25)
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Hail was observed at intersection of Kickapoo and Federal Street

Pottawatomie County

Shawnee	21	1853CST			0	0		Hail(1.00)
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Woodward County

Ft Supply	21	1859CST			0	0		Hail(0.88)
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Marshall County

Oakland	21	1900CST			0	0		Hail(0.75)
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Pontotoc County

4 E Ada	21	1900CST			0	0		Hail(0.88)
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Woods County

4 NNE Waynoka	21	1900CST			0	0		Hail(1.75)
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Pottawatomie County

5 NW Shawnee	21	1904CST			0	0		Hail(1.00)
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Hail was reported at Interstate 40 and Highway 177.

Pottawatomie County

4 N Shawnee	21	1905CST			0	0		Hail(1.50)
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Johnston County

Pontotoc	21	1910CST			0	0		Hail(1.00)
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Woodward County

Woodward Arpt	21	1911CST			0	0		Thunderstorm Wind (MG57)
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Wind was measured by the AWOS at the Woodward Airport (KWWR).

Marshall County

5 E Kingston	21	1915CST			0	0		Hail(1.00)
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Marshall County

4 S Madill	21	1915CST			0	0		Hail(1.75)
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Hail was reported covering the ground

Marshall County

3 ENE Kingston	21	1920CST			0	0		Hail(1.75)
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					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Woodward County Mooreland	21	1923CST			0	0			Hail(0.75)
Bryan County 9 W Durant	21	1930CST			0	0			Hail(2.50)
Hughes County 1 SW Atwood	21	1930CST			0	0			Hail(0.88)
Woodward County 4 E Curtis	21	1930CST			0	0			Hail(1.00)
Woodward County 7 E Mooreland	21	1930CST			0	0			Hail(1.00)
Woodward County 1 E Mooreland	21	1936CST			0	0			Hail(1.75)
Woodward County Mooreland	21	1936CST 1946CST			0	0			Hail(1.00)
Woods County 13 E Waynoka	21	1940CST			0	0			Hail(1.00)
Seminole County 5 WNW Little	21	1946CST	Hail was observed at mile marker 194 of Interstate 40.						
Dewey County 1 E Vici	21	1948CST			0	0			Hail(1.00)
Dewey County Vici	21	1948CST			0	0			Hail(1.00)
Grant County Wakita	21	2000CST			0	0			Hail(1.00)
Woodward County 6 SSE Quinlan	21	2000CST			0	0			Hail(0.75)
Grant County Wakita	21	2015CST			0	0			Hail(1.00)
Major County 19 N Chester	21	2015CST			0	0			Thunderstorm Wind (EG52)
Seminole County Cromwell	21	2015CST			0	0			Hail(1.00)
Seminole County Cromwell	21	2015CST			0	0			Thunderstorm Wind (EG52)
Woods County Dacoma	21	2015CST			0	0			Hail(1.75)
Bryan County Armstrong	21	2020CST			0	0			Hail(2.75)
Seminole County 4 W Cromwell	21	2021CST			0	0			Hail(1.00)
Alfalfa County 3 NE Carmen	21	2025CST			0	0			Hail(2.00)
Major County 19 N Chester	21	2030CST			0	0			Hail(1.00)
Alfalfa County Lambert	21	2100CST			0	0			Hail(1.75)



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<u>OKLAHOMA, Western, Central and Southeast</u>								
Blaine County Canton	21	2108CST			0	0		Hail(0.88)
Grant County 3 SW Renfrow	21	2115CST			0	0		Hail(0.88)
Grant County 3 SW Renfrow	21	2115CST			0	0	0.10K	Thunderstorm Wind (EG52)
Several two to three inch diameter tree limbs were downed.								
Blaine County Okeene	21	2130CST			0	0		Hail(0.75)
Major County Ringwood	21	2135CST			0	0		Hail(0.75)
Garfield County Drummond	21	2145CST			0	0		Thunderstorm Wind (EG61)
Garfield County Lahoma	21	2145CST			0	0		Thunderstorm Wind (EG61)
Garfield County Enid	21	2154CST			0	0		Hail(0.88)
Garfield County Enid	21	2154CST			0	0		Thunderstorm Wind (EG61)
Garfield County Waukomis	21	2157CST			0	0		Hail(1.00)
Garfield County Enid	21	2159CST			0	0		Hail(0.75)
Garfield County Enid	21	2159CST			0	0		Hail(0.75)
Garfield County Enid	21	2159CST			0	0		Thunderstorm Wind (EG56)
Garfield County Vance Afb	21	2159CST			0	0		Hail(1.00)
Garfield County Vance Afb	21	2159CST			0	0		Thunderstorm Wind (MG58)
Garfield County Enid	21	2200CST			0	0	20K	Thunderstorm Wind (EG61)
Strong straight-line winds caused a mile wide swath of damage in the western business district of Enid along Highway 412, west of Highway 81. The roof was damaged at the Homeland grocery store and at Stevens Ford Dealership. Large metal power poles were also downed.								
Kingfisher County Hennessey	21	2214CST			0	0		Hail(0.75)
Noble County 6 S Billings	21	2230CST			0	0		Thunderstorm Wind (EG52)
Logan County Marshall	21	2245CST			0	0		Hail(0.75)
Noble County 7 SE Marland	21	2300CST			0	0		Hail(0.75)
Noble County 8 ESE Marland	21	2300CST			0	0	0.20K	Thunderstorm Wind (EG61)
A two foot diameter tree was downed.								



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<u>OKLAHOMA, Western, Central and Southeast</u>								
Kay County								
Ponca City	21	2310CST			0	0		Hail(1.00)
Payne County								
Glencoe	21	2321CST			0	0		Hail(1.00)
	Hail was reported on the west side of town. Penny, nickle, and quarter size hail was also observed to be covering the ground							
Payne County								
Ripley	21	2330CST			0	0		Hail(0.75)
Lincoln County								
4 NW Tryon	21	2334CST			0	0		Hail(0.88)
Lincoln County								
2 N Agra	21	2345CST			0	0		Hail(0.88)
	A major hail storm moved through the Oklahoma City metro on this day primarily affecting the western and northern sides of the city. Hail up to the size of baseballs was observed along with many areas reporting hail on the ground ranging from 3 inches deep to 2 feet deep. The hail damaged numerous structures and vehicles with several people also needing their vehicles towed or dug out of the hail on streets across the city. Damage estimates across the Oklahoma City metro were 100 million dollars. Storms also produced two tornadoes in Ellis county in northwest Oklahoma with no known damage reported							
Seminole County								
5 SW Seminole	22	1708CST			0	0		Hail(1.00)
	Hail was observed on Highway 59, three miles west of Highway 99							
Garvin County								
5 N Hennepin	22	1715CST			0	0		Hail(0.88)
Seminole County								
Seminole	22	1715CST			0	0		Hail(0.88)
	Hail was reported covering the ground							
Seminole County								
3 NE Bowlegs	22	1721CST	0.1	20	0	0		Tornado (F0)
	This very brief tornado lasted for less than 30 seconds and was observed by a storm chaser. There is no known damage.							
Seminole County								
1 S Seminole	22	1722CST			0	0		Hail(1.75)
	Hail was observed at Highway 99.							
Seminole County								
Wewoka	22	1800CST			0	0		Hail(0.75)
Lincoln County								
5 N Prague	22	1919CST			0	0		Hail(1.00)
Lincoln County								
5 W Prague	22	1919CST			0	0		Hail(1.00)
Lincoln County								
10 NW Prague	22	1920CST			0	0		Hail(1.00)
Seminole County								
1 S Seminole	22	2140CST			0	0		Hail(1.00)
Canadian County								
1 SE El Reno	22	2250CST			0	0		Hail(0.75)
	Hail was reported falling near the intersection of Highway 66 and Highway 81							
Canadian County								
Piedmont	22	2304CST			0	0		Hail(1.00)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Oklahoma County									
3 NE Edmond	22	2326CST			0	0			Hail(0.75)
		Hail was observed at Interstate 35 and Covell Road.							
Woods County									
16 NNE Freedom	23	0830CST			0	0			Thunderstorm Wind (MG50)
		Wind was measured by the Oklahoma mesonet.							
Custer County									
8 NW Arapaho	23	1300CST			0	0			Hail(0.88)
Tillman County									
Davidson	23	1300CST			0	0			Hail(0.75)
Dewey County									
5 S Taloga	23	1305CST			0	0			Hail(0.88)
		Hail was observed covering Highway 183							
Dewey County									
4 SE Seiling	23	1324CST			0	0			Hail(0.88)
		Hail was reported six inches deep on Highway 270.							
Major County									
3 S Orion	23	1324CST			0	0			Hail(1.00)
Tillman County									
5 E Davidson	23	1330CST			0	0			Hail(0.88)
Major County									
3 S Orion	23	1334CST			0	0			Hail(1.00)
Tillman County									
2 S Hollister	23	1336CST			0	0			Hail(1.00)
Tillman County									
1 SW Grandfield	23	1359CST 1400CST	0.2	50	0	0			Tornado (F0)
		Storm chasers caught this tornado on tape in open country. No damage was reported.							
Tillman County									
Loveland	23	1400CST			0	0			Hail(0.88)
Tillman County									
Grandfield	23	1403CST			0	0			Thunderstorm Wind (EG52)
Major County									
Cleo Spgs	23	1418CST			0	0			Hail(0.75)
Comanche County									
Chattanooga	23	1420CST			0	0			Hail(0.75)
Cotton County									
1 N Cookietown	23	1429CST			0	0			Thunderstorm Wind (EG61)
Alfalfa County									
Helena	23	1430CST			0	0			Hail(0.88)
Comanche County									
2 W Geronimo	23	1448CST			0	0			Hail(0.75)
Cotton County									
8 NW Walters	23	1452CST			0	0			Hail(1.25)
Cotton County									
Walters	23	1455CST			0	0			Hail(1.75)
Major County									
Fairview	23	1455CST			0	0			Hail(0.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

									April 2004
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property Crops		
<u>OKLAHOMA, Western, Central and Southeast</u>									
Grant County									
Nash	23	1504CST			0	0		Hail(0.88)	
Custer County									
1 SW Weatherford	23	1523CST			0	0		Hail(1.00)	
Hail was observed on Interstate 40.									
Alfalfa County									
Goltry	23	1525CST			0	0		Hail(0.75)	
Stephens County									
5 W Duncan	23	1531CST			0	0		Hail(1.00)	
Grant County									
Medford	23	1535CST			0	0		Hail(1.25)	
Grant County									
Medford	23	1545CST			0	0		Hail(1.75)	
Hail was reported covering the ground									
Stephens County									
5 W Duncan	23	1545CST			0	0		Hail(1.00)	
Hail was reported covering the ground									
Stephens County									
4 SSW Duncan	23	1546CST			0	0		Hail(0.75)	
Stephens County									
Duncan	23	1548CST			0	0		Hail(1.75)	
Grant County									
3 SSW Renfrow	23	1549CST			0	0		Hail(1.00)	
Stephens County									
3 SE Duncan	23	1554CST			0	0		Hail(0.75)	
Stephens County									
1 S Duncan	23	1556CST			0	0		Hail(1.75)	
Stephens County									
Duncan	23	1600CST			0	0		Hail(1.75)	
Stephens County									
Duncan	23	1600CST			0	0		Thunderstorm Wind (EG61)	
Blaine County									
6 N Watonga	23	1601CST			0	0		Hail(0.75)	
Hail was reported at Roman Nose State Park.									
Stephens County									
Duncan	23	1608CST			0	0		Hail(2.75)	
Hail was observed near the intersection of 23rd and Beach Streets.									
Grant County									
Pond Creek	23	1610CST			0	0		Hail(1.00)	
Stephens County									
Duncan	23	1610CST			0	0		Hail(1.75)	
Hail was reported near the Duncan Airport.									
Grant County									
Jefferson	23	1615CST			0	0		Hail(0.88)	
Blaine County									
Okeene	23	1620CST			0	0		Hail(0.75)	
Hail covered the ground.									



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

Stephens County

Duncan	23	1622CST 1825CST			0	0			Flash Flood
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During the late afternoon and early evening of April 23, thunderstorms over Stephens County produced heavy rainfall amounts greater than of 3 inches in the Duncan, OK area in less than one hour. At 5:45 pm CDT, Emergency management officials reported floodwaters 2 to 3 feet in depth over Highway 81 and in the city of Duncan. At 6 p.m. CDT three to four feet of standing water was also reported at the courthouse along with flooding occurring at the county jail.

Caddo County

1 N Lookeba	23	1625CST			0	0			Hail(1.00)
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Hail covered the ground.

Major County

2 S Isabella	23	1628CST			0	0			Hail(1.00)
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Grant County

1 NW Deer Creek	23	1645CST			0	0			Hail(0.75)
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Stephens County

Duncan	23	1650CST			0	0			Hail(0.88)
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Hail was observed at the county courthouse.

Kay County

Braman	23	1704CST			0	0			Hail(0.88)
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Hail was reported covering the ground

Kay County

3 N Braman	23	1715CST			0	0			Hail(0.75)
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Kay County

2 S Newkirk	23	1730CST			0	0	10K		Thunderstorm Wind (EG56)
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A car port was blown from a house into the street, where it blocked traffic.

Kay County

8 NE Newkirk	23	1735CST			0	0			Hail(0.75)
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Blaine County

6 SSE Canton	23	1740CST			0	0			Hail(1.75)
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Alfalfa County

Jet	23	1845CST			0	0			Hail(0.75)
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Comanche County

2 W Lawton	23	1850CST			0	0			Hail(1.75)
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OKZ008-048

Kay - Atoka

23	1900CST			0	0				Flood
26	0415CST								

Thunderstorms produced heavy rainfall over north central Oklahoma during the evening of April 23. Heavy rains of 2 to 3+ inches fell in a band that stretched from near Helena, OK in southeastern Alfalfa County to near Medford, OK in Grant County and near Braman, OK in Kay County. Similar amounts also fell over south central Kansas.

The heaviest rainfall amounts during the period would fall in a wide swath over parts of south central and southeastern Oklahoma during the late evening of April 23 and early morning of April 24. The band of heaviest rain was located over Love, Marshall, western Bryan, eastern Carter, southern Johnston, Coal and northern Atoka counties, with storm total rainfall amounts of 2.5 to 5 inches common in this area. A "bull's-eye" of the heaviest rainfall was centered over southeastern Johnston, western Atoka, and southern Coal counties where totals ranged from 4.5 to 6+ inches. The area included the towns of Coleman and Lehigh, where the cooperative observers reported totals of 6.00 inches and 5.27 inches respectively.

The heavy rainfall and runoff across north central Oklahoma eventually generated flooding along the Chikaskia and Salt Fork of the Arkansas Rivers in Grant and Kay counties while southeastern Oklahoma experienced riverine flooding along Clear Boggy Creek in Atoka County.

Moderate flooding occurred along the Chikaskia River in and near Blackwell, OK on April 24-25, with a crest of 31.6 feet, 2.6 feet



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

OKLAHOMA, Western, Central and Southeast

above flood stage, occurring at 11:30 pm CDT on April 24. Shallow flooding of local streets occurred in northeastern Blackwell during the crest, and Hubbard Road southeast of Blackwell was closed. The Chikaskia River fell below flood stage everywhere by 10 a.m. CDT April 25. Minor rural flooding occurred along the Salt Fork of the Arkansas River on April 24-26, and the river crested at 18.0 feet, 1 foot above flood stage, at 6:30 PM CDT on April 25. The Salt Fork of the Arkansas River did not fall below flood stage until 5:15 a.m. CDT April 26. Minor rural flooding also occurred along Clear Boggy Creek in Atoka county on April 24-25, with a crest of 19.8 feet, 0.8 feet above flood stage, occurring at 11:00 pm CDT on April 24. The Clear Boggy Creek fell below flood stage at 5:45 a.m. CDT on April 25.

Caddo County
2 W Cyril

23 1942CST 0 0 Hail(1.00)

Caddo County
2 W Cyril

23 1943CST 0 0 Hail(1.00)

Grant County
5 N Renfrow

23 2000CST
24 0000CST 0 0 Flash Flood

Heavy rains of 2 to 3+ inches fell in a band that stretched from near Helena, OK in southeastern Alfalfa County to near Medford, OK in Grant County and near Braman, OK in Kay County. Similar amounts also fell over south central Kansas. The heavy rains and subsequent runoff produced flash flooding in Grant County, as the Grant County Sheriffs Department reported two feet of water over U.S. Highway 81 between Renfrow, OK and the Kansas state line at about 10:30 pm CDT on April 23. Two vehicles became stranded in the waters just south of the state line.

Atoka County
Stringtown

23 2032CST 0 0 Hail(0.75)

Beckham County
3 E Texola

25 1503CST 0 0 Hail(1.00)

Beckham County
Erick

25 1513CST 0 0 Hail(1.25)
Hail was observed at Exit 7 of Interstate 40.

Beckham County
2 W Erick

25 1517CST 0 0 Hail(1.75)
Hail was reported at Exit 5 of Interstate 40.

Beckham County
Erick

25 1526CST 0 0 Hail(1.00)

Greer County
4 N Willow

25 1530CST 0 0 Hail(0.75)
Hail covered the ground.

Beckham County
Erick

25 1531CST 0 0 Hail(0.75)

Jackson County
5 W Eldorado

25 1627CST 0 0 Hail(0.75)

Jackson County
Eldorado

25 1629CST 0 0 Hail(0.75)

Jackson County
Eldorado

25 1631CST 0 0 Hail(1.00)

Tillman County
Frederick

25 1754CST 0 0 Thunderstorm Wind (EG52)

Tillman County
Davidson

29 1800CST 0 0 Thunderstorm Wind (EG52)

Tillman County
3 W Grandfield

29 1835CST 0 0 Thunderstorm Wind (MG53)
Wind was measured by the Oklahoma mesonet.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Cotton County									
4 N Devol	29	1900CST			0	0			Thunderstorm Wind (EG52)
Jefferson County									
Waurika	29	2015CST			0	0			Hail(0.75)
Tillman County									
Grandfield	29	2115CST			0	0			Hail(1.00)
Tillman County									
Grandfield	29	2120CST			0	0			Hail(1.75)
Cotton County									
Walters	29	2153CST			0	0			Hail(0.75)
Kiowa County									
Hobart	29	2234CST			0	0			Hail(0.88)
Kiowa County									
2 N Hobart	29	2239CST			0	0			Hail(1.00)
OKZ025		Oklahoma							
	29	2323CST			0	0			High Wind (MG57)
		A heat burst likely caused gusty winds and temperatures to increase in the Edmond area							
Kiowa County									
Gotebo	29	2345CST			0	0			Hail(1.00)
		Hail was reported covering the ground							
Jefferson County									
2 W Ryan	30	1137CST			0	0			Hail(0.88)
Jefferson County									
Ryan	30	1156CST			0	0			Hail(0.88)
Jefferson County									
Ryan	30	1201CST			0	0			Hail(1.75)
Jefferson County									
Waurika	30	1330CST			0	0			Hail(1.75)
Greer County									
Granite	30	1335CST			0	0			Hail(0.75)
Jefferson County									
Sugden	30	1337CST			0	0			Hail(0.75)
Jefferson County									
Waurika	30	1345CST			0	0			Hail(1.75)
Jefferson County									
5 S Waurika	30	1353CST			0	0			Hail(0.88)
Jefferson County									
Sugden	30	1355CST			0	0			Hail(1.25)
Jefferson County									
5 S Waurika	30	1355CST			0	0			Hail(0.75)
Kiowa County									
4 W Lone Wolf	30	1355CST			0	0			Hail(0.88)
Jefferson County									
1 E Waurika	30	1356CST			0	0			Hail(0.88)
Jefferson County									
3 E Ryan	30	1415CST			0	0			Thunderstorm Wind (MG52)
Jefferson County									
Sugden	30	1424CST			0	0			Hail(1.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

Jefferson County

6 S Waurika to
Ryan

30

1450CST
1700CST

0

0

Flash Flood

During the afternoon of April 30, strong to severe thunderstorms produced heavy rainfall in excess of 3 inches over southern Jefferson County in south central Oklahoma. Flash flooding occurred in southwestern Jefferson County, as the Jefferson County emergency manager reported numerous secondary roads flooded at 4:00 pm CDT on April 30 from near Ryan, OK to 5 miles south of Waurika, OK.

Jefferson County

5 NE Grady

30

1501CST

0

0

Hail(1.75)

Hail was reported by KWTW Channel 9 in Oklahoma City.

Love County

2 E Rubottom

30

1520CST

0

0

Hail(1.00)

Love County

Leon

30

1550CST

0

0

Hail(0.88)

Love County

2 E Burneyville

30

1600CST

0

0

Thunderstorm Wind (EG52)

Grady County

1 N Chickasha

30

1608CST

0

0

Hail(0.75)

Grady County

Minco

30

1615CST

0

0

Hail(1.25)

Hail covered the ground.

Love County

3 W Marietta

30

1618CST

0

0

Hail(1.75)

Love County

3 W Marietta

30

1618CST

0

0

Thunderstorm Wind (EG52)

Canadian County

3 SE Union City

30

1630CST

0

0

Hail(1.00)

Marshall County

Lebanon

30

1652CST

0

0

Hail(1.00)

Canadian County

6 N Yukon

30

1701CST

0

0

Hail(1.00)

Canadian County

Piedmont

30

1707CST

0

0

1K

Hail(3.00)

Hail broke the windshields of two cars.

Logan County

10 WSW Seward

30

1715CST

0

0

Hail(1.75)

Hail was reported covering the ground

Marshall County

2 E Kingston

30

1725CST

0

0

Hail(1.25)

Kingfisher County

3 S Cashion

30

1730CST

0

0

Hail(1.75)

Marshall County

6 E Kingston

30

1730CST

0

0

Hail(0.75)

Hail was observed at Lake Texoma State Park.

Logan County

2 E Guthrie

30

1745CST

0

0

Hail(0.75)

Bryan County

Calera

30

1803CST

0

0

Hail(0.88)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

OKLAHOMA, Western, Central and Southeast

Logan County									
Mulhall	30	1805CST			0	0			Hail(0.75)
Canadian County									
5 WNW Calumet	30	1818CST			0	0			Hail(1.25)
Noble County									
8 N Perry	30	1828CST			0	0			Hail(0.88)
Bryan County									
3 S Durant	30	1830CST			0	0			Hail(1.25)
Bryan County									
3 S Durant	30	1830CST			0	0			Thunderstorm Wind (EG52)
Kingfisher County									
7 NW Okarche	30	1830CST			0	0			Hail(1.25)
Caddo County									
2 W Cyril	30	1906CST			0	0			Hail(1.75)
Caddo County									
2 W Cyril	30	1909CST			0	0			Hail(1.75)
Grady County									
Verden	30	1925CST			0	0			Hail(1.75)
Grady County									
6 NW Chickasha	30	1930CST			0	0			Hail(1.75)
Jefferson County									
5 ENE Terral	30	1930CST			0	0			Hail(1.00)
Stephens County									
Duncan	30	1952CST			0	0			Hail(1.00)
Hail was observed near Highway 81 and Highway 7.									
Stephens County									
Marlow	30	2001CST			0	0			Hail(1.00)
Grady County									
13 SSW Bradley	30	2010CST			0	0			Hail(0.75)
Love County									
2 E Rubottom	30	2015CST			0	0			Hail(0.75)
Garvin County									
5 E Wynnewood	30	2225CST			0	0			Hail(0.75)

TEXAS, Western North

Wichita County									
2 N Burkburnett	06	1957CST 2002CST			0	0			Hail(1.00)
Hail was reported covering the ground									
Clay County									
Bellevue	22	1811CST			0	0			Hail(0.88)
Clay County									
Bellevue	22	1835CST			0	0			Hail(1.00)
Clay County									
3 N Joy	22	1852CST			0	0			Hail(0.88)
Clay County									
2 NE Bellevue	22 23	1920CST 0400CST			0	0			Flash Flood
During the evening of April 22 and early morning of April 23, a thunderstorm formed ahead of a front and near another surface									



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

boundary. The thunderstorm remained nearly stationary over extreme southern Clay County in western north Texas, producing flash flooding near Bellevue, TX. Emergency management officials closed Highway 287 about 1 mile south of Bellevue after floodwaters overtopped the highway at 8:20 pm CDT on April 22, and floodwaters as deep as 3 feet were seen 2 miles northeast of Bellevue at 12:30 am CDT on April 22. Storm total rainfall amounts in southern Clay County topped 5 inches in some places

Clay County									
1 N Bellevue	22	1926CST			0	0			Hail(0.88)
Wilbarger County									
2 WSW Oklaunion	23	1240CST			0	0			Hail(0.75)
									Hail was observed near the intersection of Farm to Market Road 433 and 2897.
Wilbarger County									
Oklaunion	23	1248CST			0	0			Hail(0.75)
Baylor County									
1 SW Seymour	23	1425CST			0	0			Hail(0.88)
Baylor County									
8 E Seymour	23	1539CST			0	0			Hail(0.75)
Baylor County									
Westover	23	1550CST			0	0			Hail(0.75)
Archer County									
Lake Kickapoo	23	1630CST			0	0			Hail(1.00)
Archer County									
10 SW Holliday	23	1640CST			0	0			Hail(0.88)
Archer County									
6 N Scotland	23	1738CST			0	0			Hail(0.88)
Clay County									
8 W Joy	23	1920CST			0	0			Hail(0.75)
Wilbarger County									
1 NE Tolbert	25	1738CST			0	0			Thunderstorm Wind (EG61)
Wilbarger County									
2 NW Vernon	25	1749CST			0	0			Thunderstorm Wind (EG52)
Hardeman County									
Goodlett	29	1631CST			0	0			Hail(0.75)
Hardeman County									
1 W Quanah	29	1649CST			0	0			Hail(0.75)
Hardeman County									
2 E Quanah	29	1652CST			0	0			Hail(0.88)
Hardeman County									
6 E Quanah	29	1702CST			0	0			Hail(0.88)
									Hail was observed near Lake Pauline at the intersection of Highway 287 and Farm to Market Road 1167.
Hardeman County									
7 S Chillicothe	29	1704CST			0	0			Thunderstorm Wind (MG50)
Foard County									
Crowell	29	1710CST			0	0			Thunderstorm Wind (EG52)
Hardeman County									
2 S Chillicothe	29	1712CST			0	0			Thunderstorm Wind (EG61)
Wilbarger County									
7 SW Lockett	29	1726CST			0	0			Hail(0.75)
Wilbarger County									
5 SW Vernon	29	1739CST			0	0			Hail(1.00)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>TEXAS, Western North</u>								
Wilbarger County								
2 NE Lockett	29	1748CST			0	0		Hail(0.75)
Wilbarger County								
3 SW Vernon	29	1750CST			0	0		Hail(0.75)
Foard County								
2 S Rayland	29	1759CST			0	0		Hail(0.75)
Wilbarger County								
Lockett	29	1830CST			0	0		Hail(0.88)
Wilbarger County								
13 S Vernon	29	1839CST			0	0		Hail(0.75)
Wilbarger County								
Harrold	29	1903CST			0	0		Hail(0.88)
Wichita County								
Sheppard Afb	29	1940CST			0	0		Hail(0.75)
Clay County								
10 SE Byers	30	1115CST			0	0		Hail(0.88)
Wichita County								
4 SE Sheppard Afb	30	1215CST			0	0		Hail(0.88)
Clay County								
11 WNW Petrolia	30	1218CST			0	0		Hail(1.00)
Clay County								
2 ESE Petrolia	30	1237CST			0	0		Hail(1.00)
Clay County								
5 NW Petrolia	30	1237CST			0	0		Hail(0.88)
Clay County								
4 SW Petrolia	30	1255CST			0	0		Hail(0.88)
Clay County								
Petrolia	30	1259CST			0	0	150K	Hail(0.88)
Several vehicles were damaged in the high school and junior high-elementary parking lots. Some homes were also damaged								
Clay County								
3 S Petrolia to 3 SSE Petrolia	30	1302CST 1305CST	1	100	0	0		Tornado (F0)
A tornado was observed by several storm chasers and spotters touching down in an open field. No damage was reported								
Clay County								
2 S Petrolia	30	1310CST			0	0		Hail(1.50)
Clay County								
10 N Henrietta	30	1330CST			0	0		Hail(0.88)
Clay County								
5 S Henrietta	30	1436CST			0	0		Hail(0.75)