

APRIL 1986

VOLUME 28

NUMBER 4

# STORM DATA



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28801

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Cover: Homes in southeastern Sweetwater, Texas that incurred up to F3 intensity damage when a tornado moved through the town during the post-dawn morning hours of April 19, 1986. The tornado caused 100 injuries, but luckily only one death.  
---Photo by Jerry O'Bryant, NWSO Abilene, Texas.

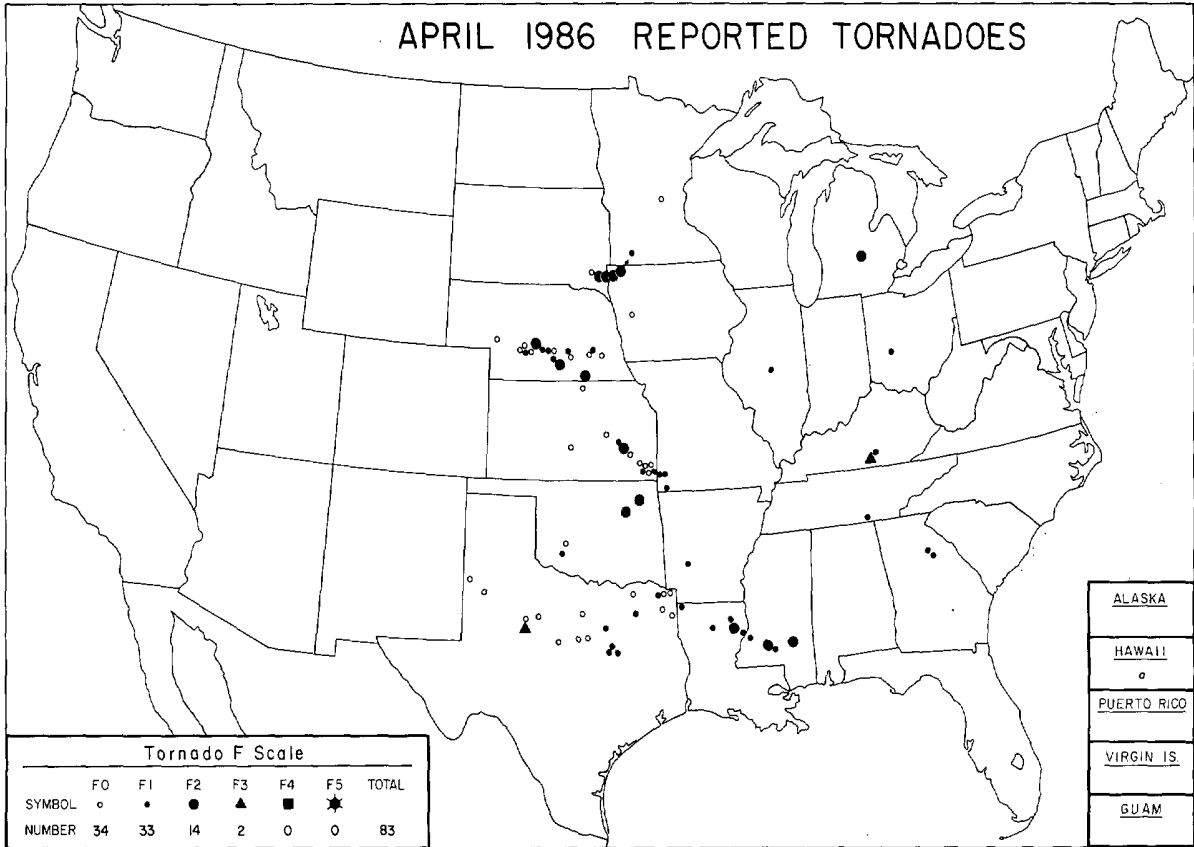
Maps of Zones used in the Storm Data and unusual weather phenomena section will be published in these editions of Storm Data:

Eastern States: January, April, July & October.  
Central States: February, May, August, & November.  
Western States: March, June, September, & December.

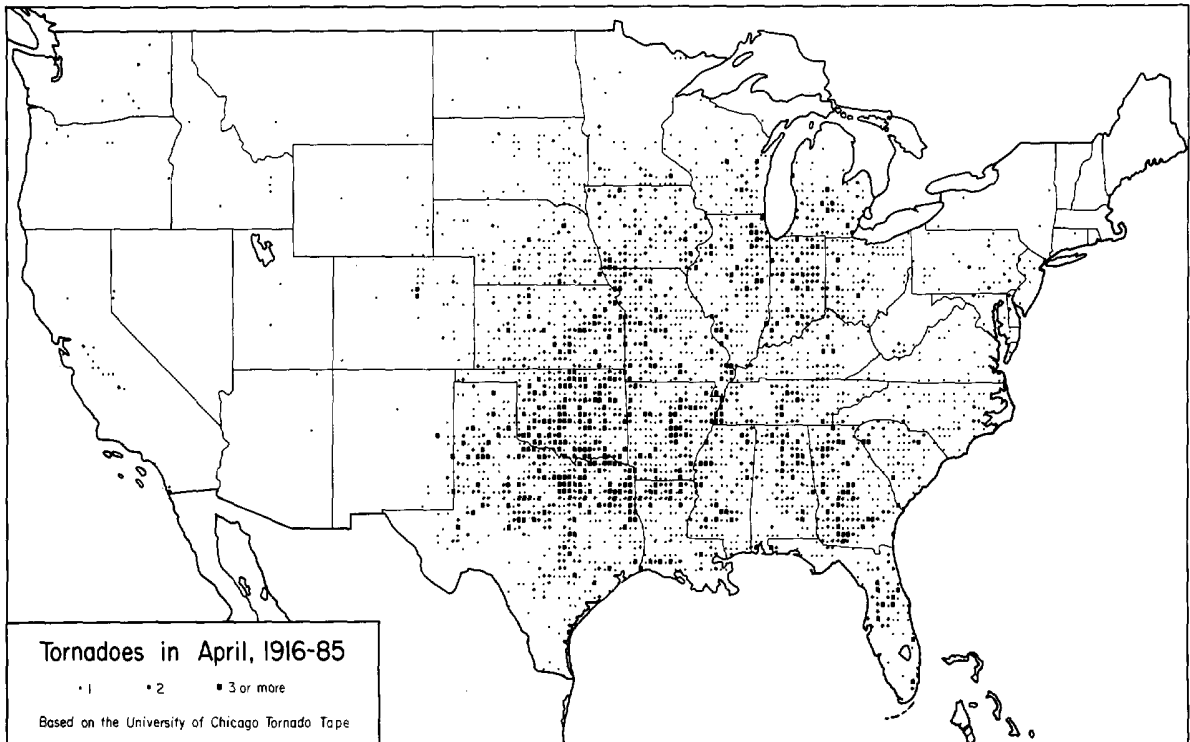
NOTE: The section on Outstanding Storms of the Month is prepared by Professor T. Theodore Fujita, editor, and Duane J. Stiegler, associate editor, University of Chicago. The narrative descriptions of Storms by State and Summaries of Hurricanes and Tropical Storms are prepared by the National Weather Service. The National Climatic Data Center compiles the statistics on deaths, injuries, and damage. This publication contains our best information on Storms, but, due to the difficulties inherent in collection of this type of data, it is not all-inclusive. Late reports and corrections will be carried quarterly.

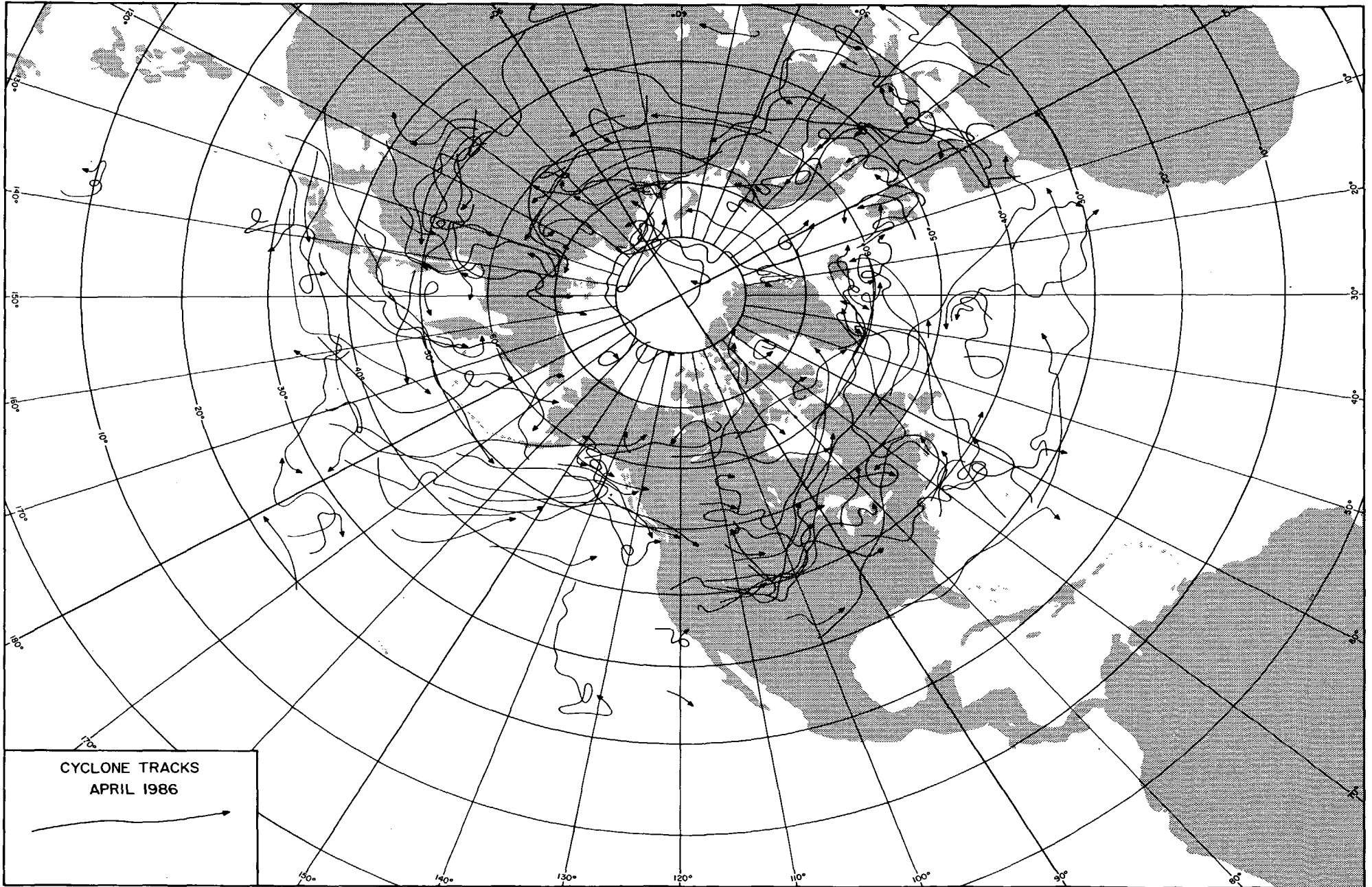
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# OUTSTANDING STORMS OF THE MONTH

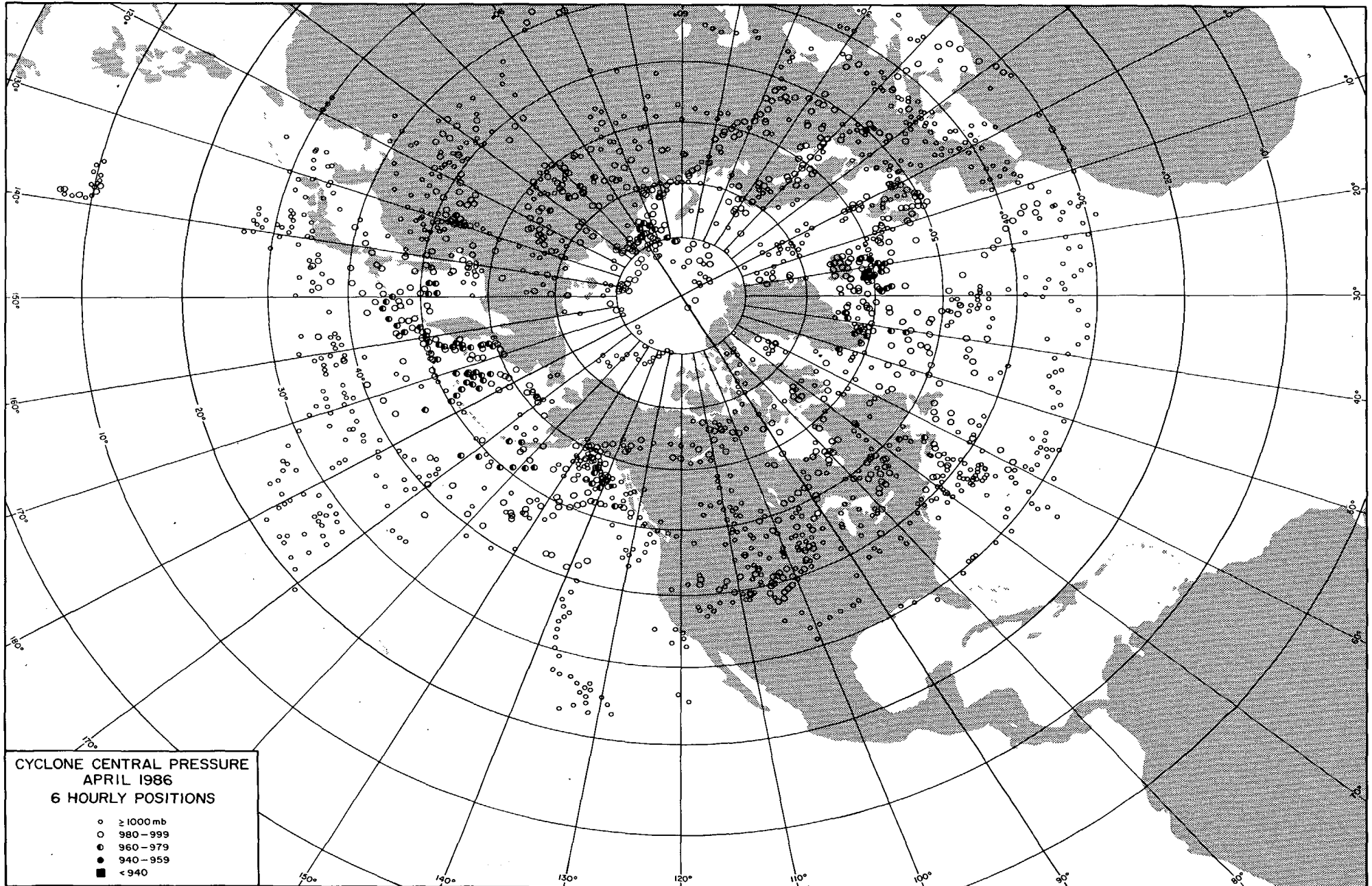


● COMPLETE REPORT RECEIVED	● 1AL	● 7DE	● 14KS	● 21MN	● 28NJ	● 33OH	● 39SD	● 44VA	● 49AK(SE)
● PRELIMINARY REPORT RECEIVED	● 2AZ	● 8FL	● 15KY	● 22MS	● 29NM	● 34OK	● 40TN	● 45WA	● 50HI
○ REPORT NOT RECEIVED	● 3AR	● 9GA	● 16LA	● 23MO	● 30NY(O)	● 35OR	● 41TX(N)	● 46WV	● 51PR
(N) northern (W) western	● 4CA(N)	● 10ID	● 17ME	● 24MT	● 30NY(C)	● 36PA(E)	● 41TX(S)	● 47WI	● 52VI
(S) southern (C) central	● 4CA(S)	● 11IL	● 18MD	● 25NE	● 30NY(W)	● 36PA(W)	● 41TX(W)	● 48WV	● 53PC
(E) eastern (O) coastal	● 5CO	● 12IN	● 19MA	● 26NV	● 31NC	● 37RI	● 42UT	○ 49AK(N)	
(SE) southeastern	● 6CT	● 13IA	● 20MI	● 27NH	● 32ND	● 38SC	● 43VT	○ 49AK(S)	





CYCLONE TRACKS  
APRIL 1986



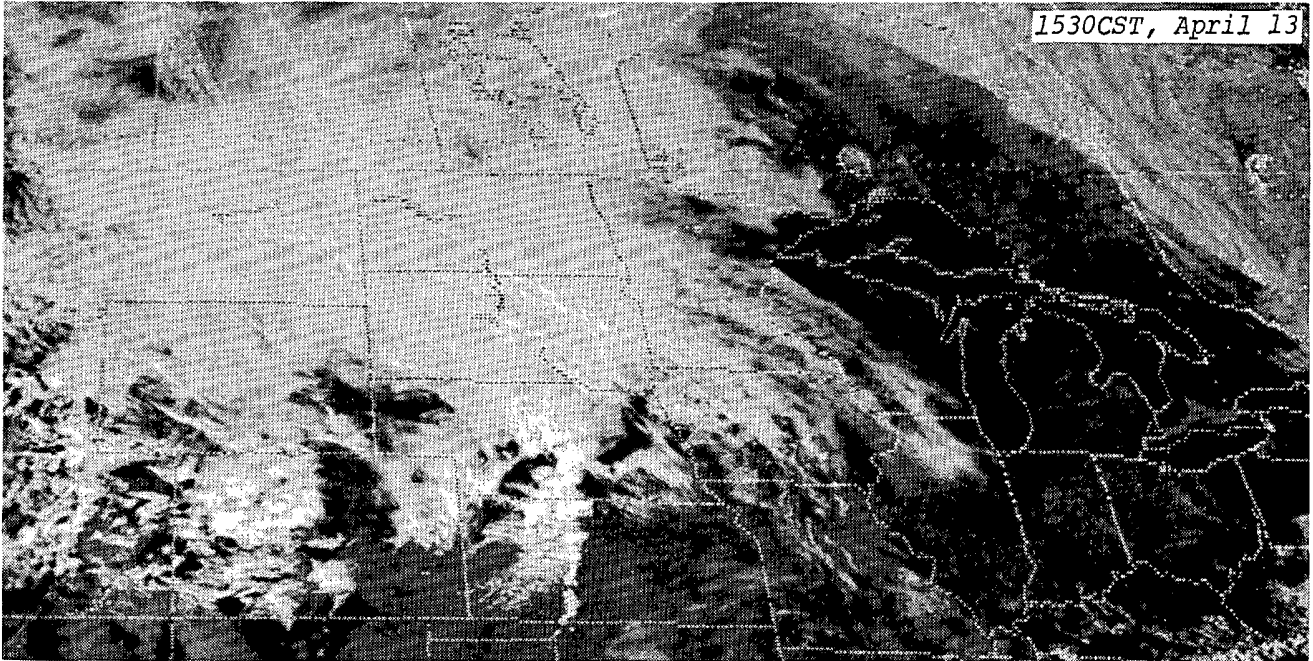
CYCLONE CENTRAL PRESSURE  
APRIL 1986  
6 HOURLY POSITIONS

- ≥ 1000 mb
- 980 - 999
- 960 - 979
- 940 - 959
- < 940

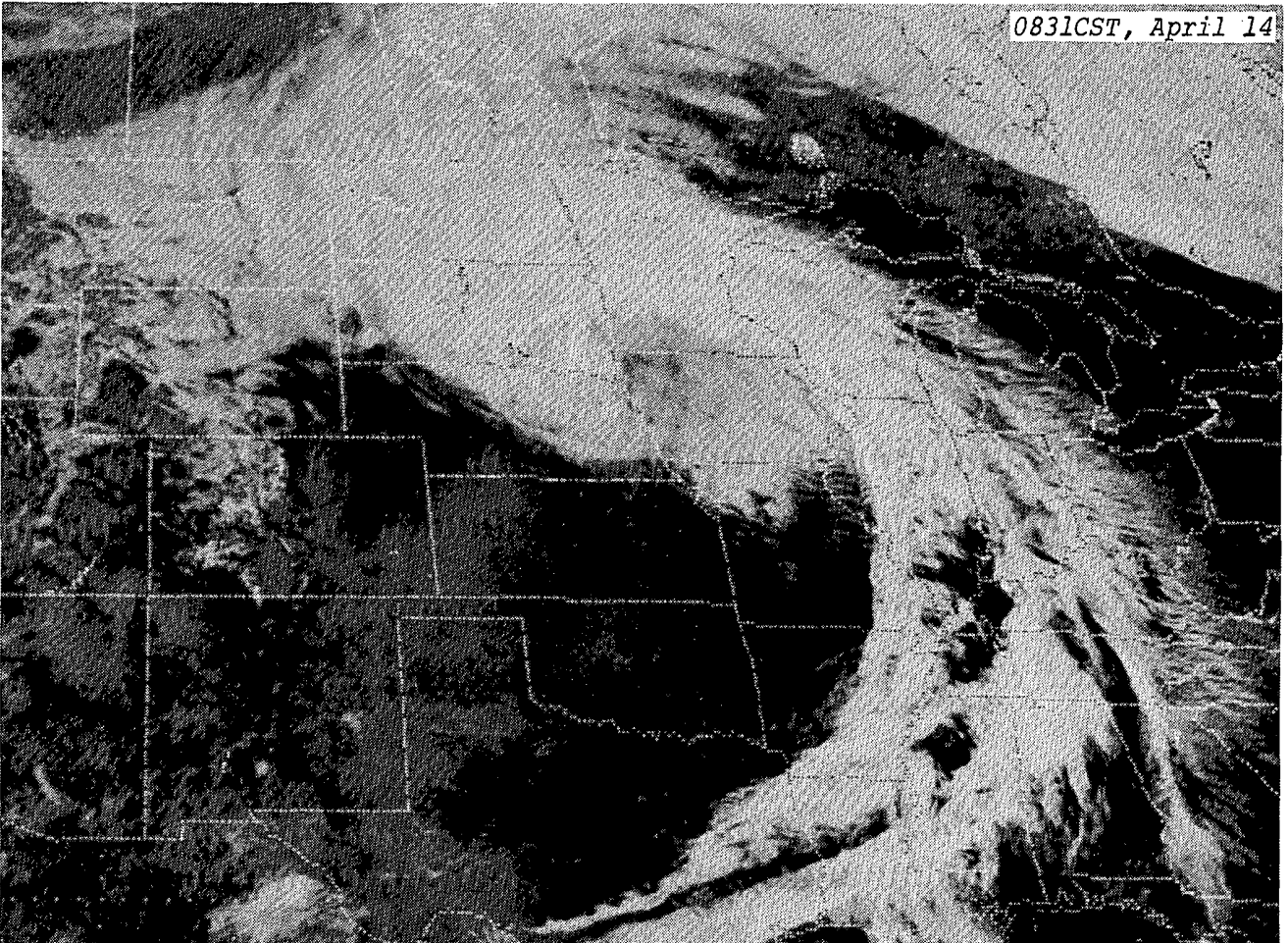


1. BLIZZARD in the NORTHERN PLAINS on April 13-14, 1986

On April 13th and 14th, a major spring storm quickly intensified over the Northern Plains and brought blizzard conditions to a large portion of the area. North Dakota received most of the heavy snow while strong wind was the prominent event in Nebraska. However, the most devastating combination of wind and snow was felt in South Dakota where 30 to 45 mph winds with up to 90 mph gusts whipped the snow into drifts as high as 15 feet. Livestock losses were high throughout the 3-state area, accounting for a large portion of the millions of dollars in damage caused by the storm. The storm was termed the worst blizzard ever in many areas.

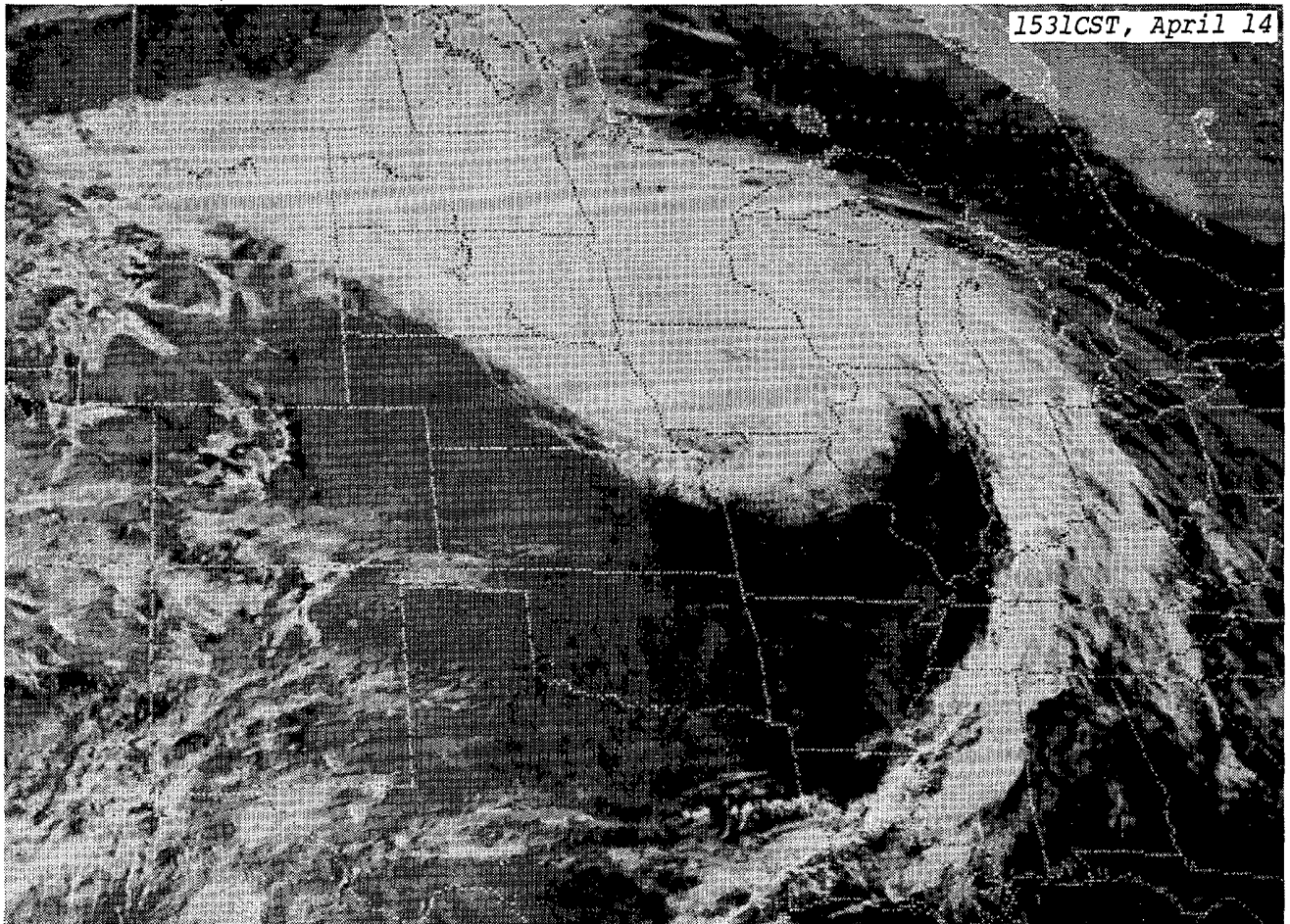


1530CST, April 13

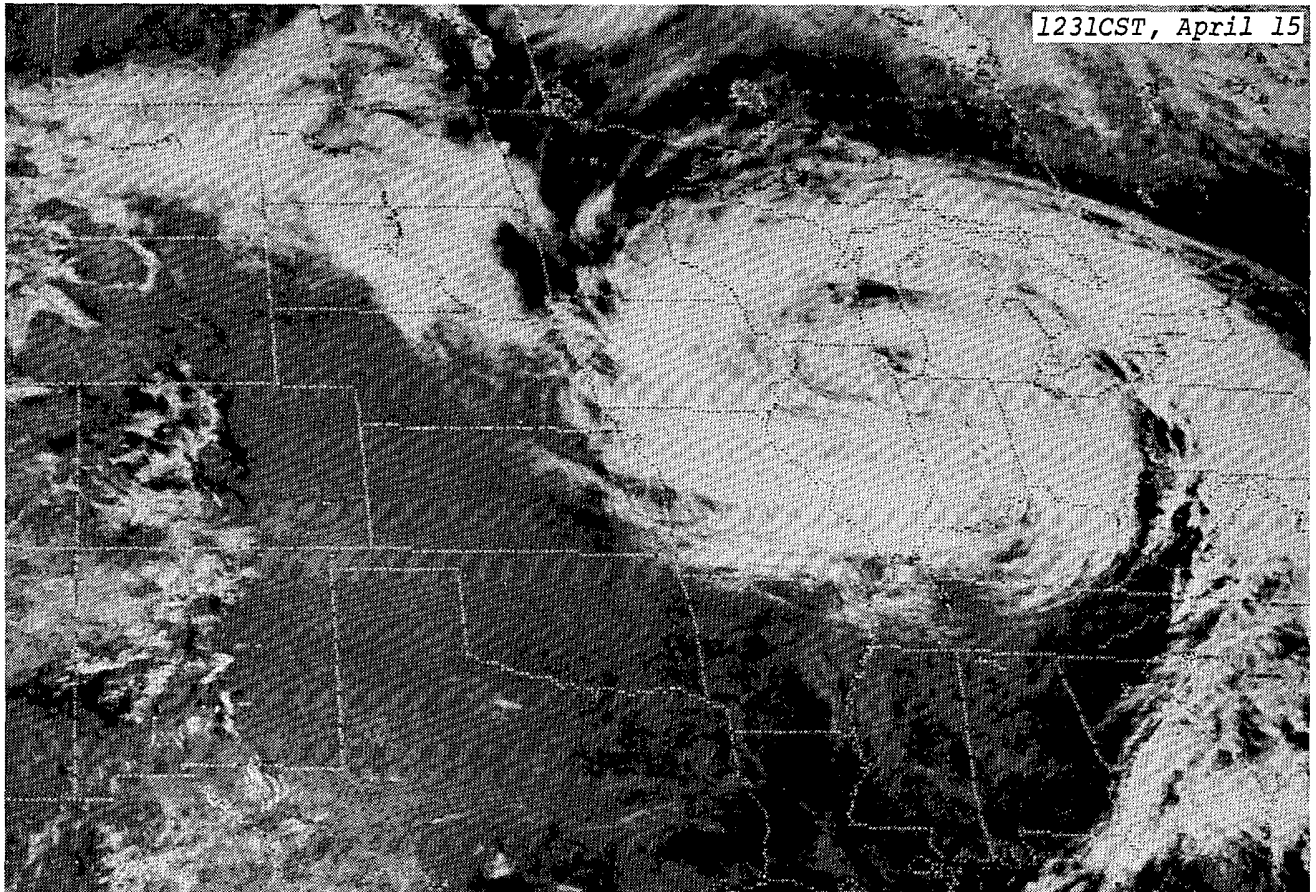


0831CST, April 14

BLIZZARD in the NORTHERN PLAINS ---- continued



1531CST, April 14

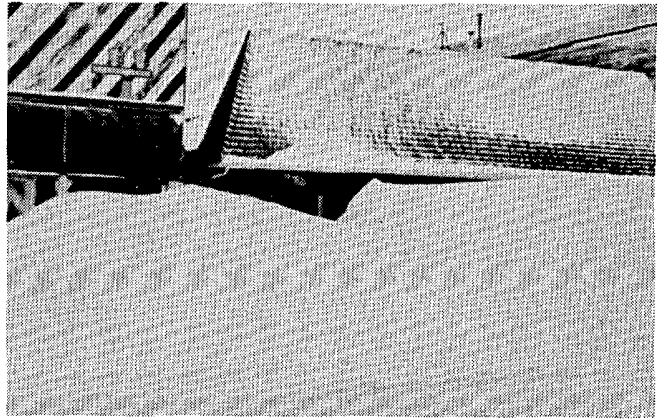
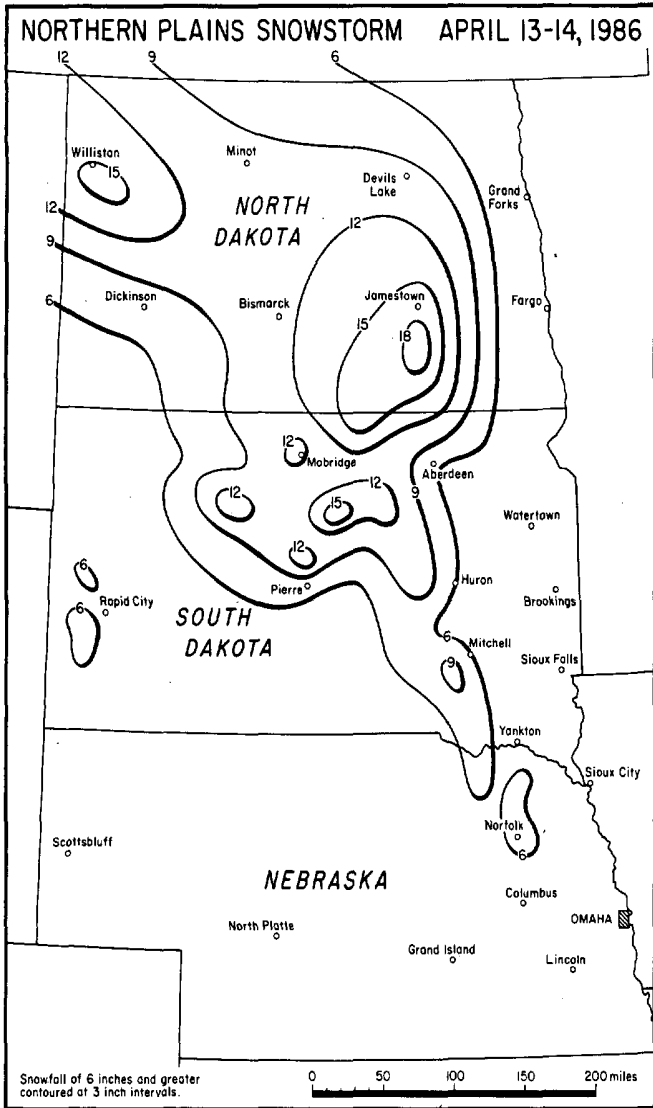


1231CST, April 15

GOES 6 satellite, visible images on pages 6 and 7 show the storm's spiralling cloud mass as it quickly intensified during the two day period. ---Photos from NESDIS.



BLIZZARD in the NORTHERN PLAINS ---- continued



A snowdrift obscures store entrances on the morning of the 15th in Bowdle, SD, about 55 miles west of Aberdeen. ---Photo by Larry Gauer, The Bowdle Pioneer.



A wind-topped boat house in Faulkton, SD, about 45 miles southwest of Aberdeen. ---Photo from the Faulkton County Record.



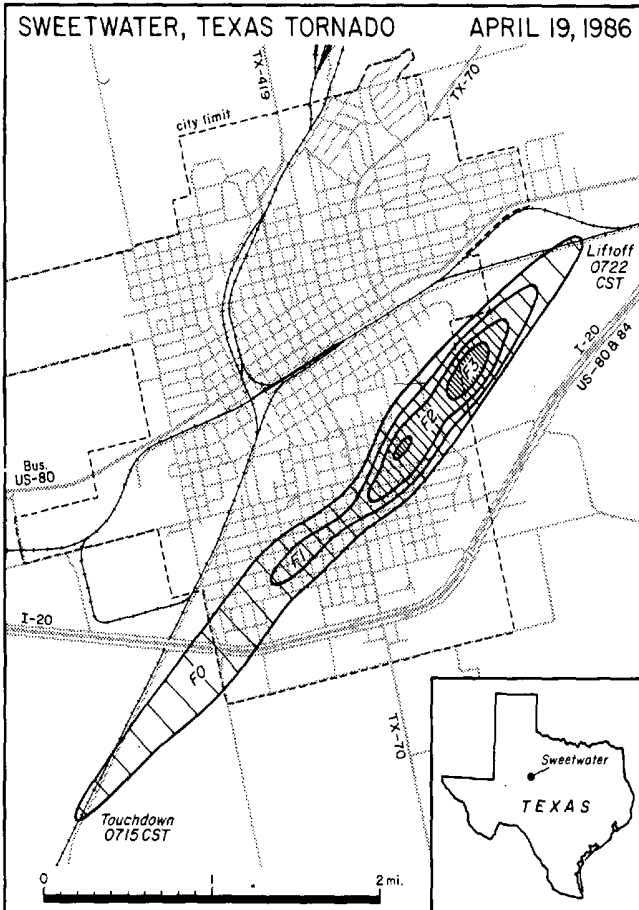
Another view of the drift that ran the length of the north side of Bowdle's Main Street. ---Photo by Larry Gauer, The Bowdle Pioneer.

---Map from data supplied by NWSFOs at Bismarck, ND; Sioux Falls, SD; and Omaha, NE. All photos supplied by the NWSFO at Sioux Falls.



## 2. TORNADO at SWEETWATER, TEXAS on April 19, 1986

At 0715CST on Saturday, April 19th, a severe thunderstorm spawned a multiple-vortex tornado 1.5 miles southwest of Sweetwater, Texas (population 12,000) as it simultaneously produced golfball size hail at Roscoe to the west. The tornado moved northeast and ripped through the old and poorly constructed southwest end of town, continued through the south end of the business district, and then did its worst damage in the more affluent, southeastern side of town. In this area, an 87 year old man was killed in a well-constructed retirement village. Further east, 22 mobile homes were destroyed and many well-constructed, brick homes received among the worst damage before the tornado lifted at 0722CST.



A demolished service station under which four late-model automobiles were crushed.



RIGHT: Two destroyed vehicles at the southeast side mobile home park. The one on the left was a 1986 model with only 1300 miles on the odometer.

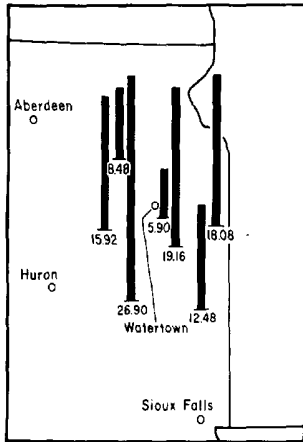
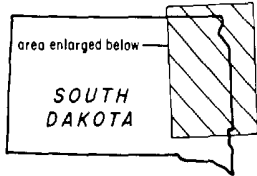


At about 0.25 mile east of the trailer park, these relatively new (less than 5 years old), one story, single-family homes of brick veneer construction received F2 and F3 damage. The vehicle was thrown about 75 feet.

---All photos by Jerry O'Bryant, NWSO Abilene, Texas. Map and photos supplied by the NWSFO at Lubbock, Texas.

### 3. FLOODING in NORTHEASTERN SOUTH DAKOTA during April, 1986

Throughout April, in fact most of the spring season, the flat and poorly drained areas of northeastern South Dakota experienced lowland and lake flooding of historical proportion. With 3 of the past 4 years having well above normal precipitation, and therefore, only due in part to this spring's runoff, lake elevations rose over 6 feet above normal, flooding hundreds of recreation homes, submerging sections of roads and railroads, and causing serious structural and erosional damage when winds generated waves on the lakes' surfaces. Eight counties were declared a federal disaster area by President Reagan in late April, and a conservative estimate of damage that had resulted by the end of the month came to 2.7 million dollars.



LEFT: Figures indicating the amount in inches by which precipitation totals exceeded the normal during the period, 1984 - April, 1986. The area hardest hit by the flooding lies between Watertown and Madison. Madison is 60 miles south of Watertown and 35 miles north-northwest of Sioux Falls.



RIGHT: Signs next to a lakeshore home at Lake Pointsett appear to be shortened by the rising lake level.

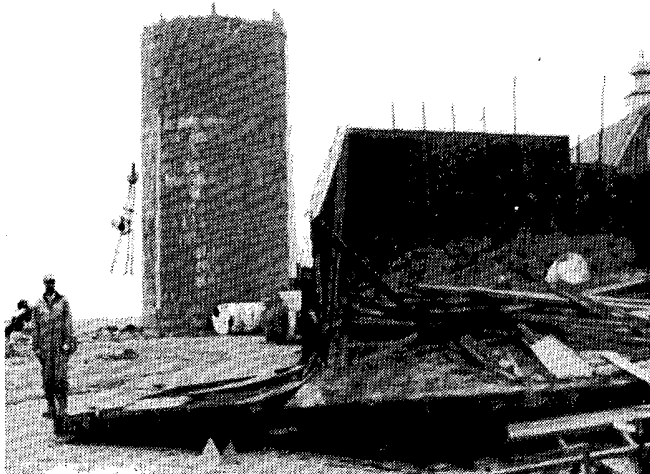
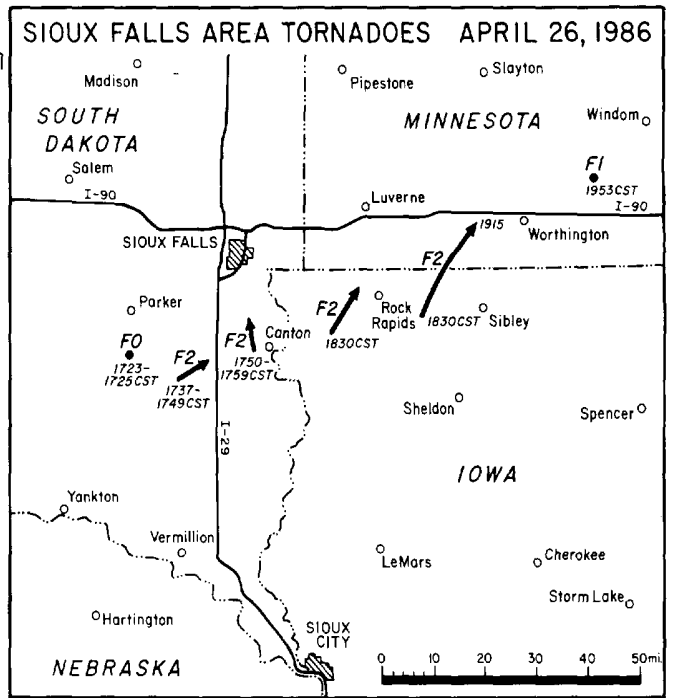


Flooded yards and homes along the shore of Lake Pointsett, about 25 miles south of Watertown.

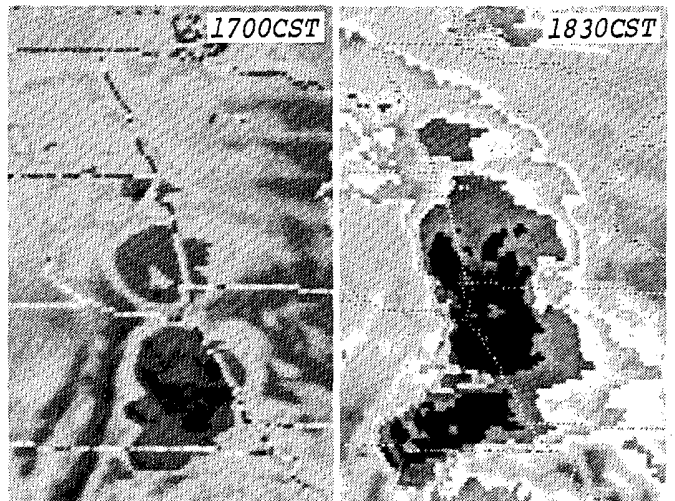
---Both photos by Ron Davis, The South Dakota High Liner. Figure and photos supplied by the NWSFO at Sioux Falls, SD.

4. TORNADOES in the SIOUX FALLS, SD AREA on April, 26, 1986

In the late afternoon and early evening of April 26th, an intensifying thunderstorm complex produced 6 tornadoes in the vicinity of Sioux Falls, South Dakota that occurred in South Dakota, Iowa, and Minnesota (see map at right). Four of the tornadoes attained F2 intensity as they inflicted heavy damage to several farms, many of which had most of their buildings flattened. ---Map from data supplied by NWSFOs at Sioux Falls, SD; Des Moines, IA; and Minneapolis, MN.



Photos above depict damage to farms near Lennox, SD, about 15 miles south-southwest of Sioux Falls. ---Both photos from the Lennox Independent.



GOES 6 satellite, infrared images of the tornado-producing storm at the north end of a thunderstorm line that extended south into Nebraska. ---Photos from NESDIS.

5. THUNDERSTORM WIND at HOMER, LOUISIANA on April 11, 1986

An unusual phenomena resulting from thunderstorm winds, the plant pictured at right was penetrated by an airborne pine needle being driven by 60 to 65 mph winds on the evening of April 11th near Homer, LA. The winds were associated with a bowl-like echo moving east at 60 knots through northern Louisiana. ---Photo by Homer cooperative observer, Jerry Strahan; supplied by Ernest Ethridge, NWSO Shreveport, LA.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>1 ALABAMA</b> ————— NONE REPORTED									
<b>2 ARIZONA</b>									
Maricopa County	01	0842 MST			0	0	0	0	Funnel Clouds
									Thunderstorms developed in fairly warm and moist air over Arizona. Near Glendale, 2 funnel clouds were reported to have lasted for several minutes while moving northeast.
AZZON Northern Arizona	02	Afternoon			0	0	?	?	High Wind
									An intense low pressure area caused gusts up to 69 mph in Showlow, and 58 mph in Winslow.
AZZON Northern Arizona	16	1400 MST			0	0	?	?	High Wind
									Southwest winds buffeted much of northern Arizona as a Pacific cold front moved through. Wind gusts of about 50 mph were clocked in Winslow.
AZZON Northern Arizona	24	1300 MST			0	0	?	?	High Wind
									Very strong southwest winds roared through the north as a deep storm centered in southern Nevada moved east. Winslow and Showlow had gusts up to 60 mph.
<b>3 ARKANSAS</b>									
Garland County	04	0130CST			0	0	-	-	Thunderstorm wind
									Trees and power lines were blown down over the western part of the county, according to the State Police in Hot Springs.
Sevier County	04	0500CST			0	0	?	-	Flash flooding
									A 6 1/2-inch rainfall in DeQueen caused widespread flooding in the city. Other areas of the county were flooded also. Two bridges were washed away, as well as two culverts. Several roads were closed due to high water. One retaining wall on a parking lot was knocked down by rushing water. Several intersections in DeQueen were flooded. One restaurant and a grocery store were flooded. Many vehicles were under water. Two families were evacuated because of the rising waters.
Pike County	04	1630CST	1 1/2	75	0	0	5	-	Tornado (F1)
Pike County	04	1630CST			0	0	4	-	Hail (2.75")
									A small tornado touched down 1/4 mile west of the intersection of Arkansas Highways 8 and 84. It moved northeast for 1 1/2 miles and lifted shortly after crossing the Caddo River. This area is in the outskirts of Glenwood. The tornado partially unroofed a house trailer and unroofed a barn. Many trees were blown down. A pick-up truck and a camper were damaged by falling trees. Four other roofs were damaged. Baseball-size hail fell in Glenwood, breaking windshields and denting vehicles. Hail damage was estimated at \$10,000. Tornado damage was estimated at over \$50,000.
Pike County	04	1640CST			0	0	-	-	Hail (1.75")
									Golfball-size hail was reported 10 miles southwest of Glenwood.
Garland County	04	1707CST			0	0	-	-	Hail (1.75")
									Golfball-sized hail was reported in the Lake Hamilton area.
Garland County	04	1714CST			0	0	?	-	Thunderstorm wind
Garland County	04	1714CST			0	0	?	-	Hail (1.00")
Garland County	04	1714CST			0	0	?	-	Flash flooding
									A church in Pearcy received wind damage, and hail damaged the roof of a residence. Water got 2 feet deep inside the church.
Garland County	04	1721CST			0	0	4	-	Flash flooding
									Several roads were washed out in the county, but most of the flooding occurred in downtown Hot Springs, where water was up to 3 feet deep. Campers along Gulpha Gorge were evacuated as a precaution because of the rising creek. One residence alone had \$5,000 in damage.
<b>ARKANSAS</b>									
Garland County	04	1725CST			0	0	-	-	Hail (1.75")
									Amateur radio operators reported golfball-size hail 2 miles north of Hot Springs.
Little River County	04	1730CST			0	0	-	-	Funnel cloud
									The Sheriff's Office reported a funnel cloud along the Red River, southwest of Ashdown.
Garland County	04	1745CST			0	0	-	-	Hail (2.75")
									Baseball-sized hail was reported to the State Police from Hempwallace.
Little River County	04	1803CST			0	0	-	-	Funnel cloud
									Spotters reported a funnel cloud one mile north of Ashdown.
Hot Spring County	04	1810CST			0	0	?	-	Hail (1.75")
									Golfball-size hail broke the windshield of a Highway Police patrol car at Jones Mill.
Little River County	04	1810CST			0	0	-	-	Hail (1.00")
									Hail the size of quarters was reported to the Shreveport Weather Office from west of Ashdown.
Hot Spring County	04	1817CST			0	0	-	-	Hail (1.25")
									Three-quarter inch hail was reported by amateur radio operators at Magnet. Three minutes later, hail got as large as 1 1/2 inch. (This town is also referred to as Magnet Cove by some.)
Hot Spring County	04	1818CST			0	0	-	-	Hail (0.75")
									Three-quarter inch hail was reported at Malvern by the WAMS.
Sevier County	04	1820CST			0	0	-	-	Thunderstorm wind
Sevier County	04	1820CST			0	0	-	-	Hail (1.75")
Sevier County	04	1820CST			0	0	?	-	Flash flooding
									Trees were blown down south of Faraloma. Golfball-size hail was reported near Ben Lomond. Several culverts throughout the county were washed out.
Van Buren County	04	1825CST			0	0	?	-	Thunderstorm wind
Van Buren County	04	1825CST			0	0	?	-	Hail (1.00")
									A chicken house and power lines were blown down in Scotland. A large tree and a power pole were also blown down. One-inch hail was reported in Scotland.
Howard County	04	1835CST			0	0	-	-	Hail (2.75")
									The State Police reported baseball size hail between Saratoga and Tollette.
Jefferson County	04	1840CST			0	0	-	-	Hail (1.75")
									Golfball-sized hail was reported in the county, 15 miles southwest of Pine Bluff.
Jefferson County	04	1907CST			0	0	-	-	Hail (1.75")
									A convenience store, 6 miles southwest of Pine Bluff, reported golfball-size hail covering the ground.
Hempstead County	04	1915CST			0	0	-	-	Funnel cloud
									The Arkansas State Police reported a funnel cloud 5 miles north of Hope.
Pulaski County	04	1915CST			0	0	?	-	Thunderstorm wind
									A tree was blown down across the roof of a residence on Alexander Road in Little Rock. Several trees and power lines were knocked down at other locations in the city. A mobile home was moved off its foundation, too.
Jefferson County	04	1918CST			0	0	-	-	Hail (2.75")
									The Sheriff's Office reported baseball-size hail along Highway 79 south of Pine Bluff.
Hempstead County	04	1920CST			0	0	-	-	Thunderstorm wind
									Some outbuildings were damaged and trees were blown down near Blevins.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>— ARKANSAS —</b>									
Hempstead County	04	1934CST			0	0	-	-	Funnel cloud
									The State Police reported a funnel cloud northeast of Hope, along the 36-mile marker of Interstate 30.
Miller County	04	1940CST			0	0	-	-	Thunderstorm wind
Miller County	04	1940CST			0	0	-	-	Hail (1.00")
									Trees were downed southeast of Fouke. Quarter-size hail fell near Fort Lynn.
Nevada County	04	1940CST			0	0	-	-	Hail (1.75")
									Golfball-size hail was reported at Boughton.
Lafayette County	04	1945CST			0	0	-	-	Hail (1.75")
									Golfball-size hail was reported 10 miles southwest of Lewisville.
Little River County	04	1950CST			0	0	-	-	Hail (1.75")
									Golfball-size hail was reported near Millwood Reservoir Dam.
Miller County	04	1955CST			0	0	-	-	Thunderstorm wind
									Numerous trees were blown down between Kiblah and Smithville.
Clark County	04	2008CST			0	0	-	-	Hail (1.75")
									Golfball-sized hail fell at the 53 mile marker on Interstate 30 at the Okolona Exit.
Howard County	04	2020CST			0	0	-	-	Thunderstorm wind
									Several trees were uprooted 4 miles south of Nashville.
Miller County	04	2020CST			0	0	-	-	Hail (1.75")
									Golfball-size hail was reported at Smithville.
Howard County	04	2025CST			0	0	-	-	Hail (1.75")
									Golfball-size hail fell just southeast of Nashville.
Howard County	04	2030CST			0	0	5	-	Flash flooding
									Roads and bridges were damaged heavily by almost 5 inches of rain, Friday night. A car was plunged into a creek as a bridge was washed away. The driver was unhurt. The County Judge estimated damages at \$100,000.
Little River County	04	2040CST			0	0	-	-	Hail (2.75")
									Golfball to baseball-size hail was reported east of Wilton.
Jefferson County	04	2100CST			0	0	3	-	Thunderstorm wind
									A large tree was blown down onto the front portion of a home in Altheimer. The roof damage was estimated at \$2,000.
Pulaski County	04	2340CST			0	0	?	-	Lightning
									Lightning started a house fire in the rural section of the county, along Rowe Road.
Carroll County	06	1236CST			0	0	-	-	Hail (0.75")
									The cooperative observer at Eureka Springs reported a considerable amount of hail, ranging from 1/2 to 3/4". The city police reported 1" hail northwest of Eureka Springs.
Stone County	07	1425CST			0	0	-	-	Hail (1.50")
									Hail ranged in size from pea to half dollar in Mountain View. There was some damage to vehicles.
Cleburne County	07	1515CST			0	0	-	-	Hail (1.50")
									Hail lasted for 20 minutes in Brownsville. It started as pea size and got up to 1 1/2" in diameter.
Cleburne County	07	1530CST			0	0	-	-	Hail (1.75")
									Golfball-size hail fell southeast of Heber Springs, as reported by the Little Rock Air Force Base. Another report indicated that golfball size hail also fell in Heber Springs at the same time.
<b>— ARKANSAS —</b>									
White County	07	1540CST			0	0	-	-	Hail (2.50")
									The Civil Defense Director for the county reported hail 2-2 1/2" in diameter at Letona, in the northern section of the county.
White County	07	1610CST			0	0	?	-	Hail (2.75")
									Baseball-size hail broke windows between Romance and Floyd. Hail lasted for 15 minutes.
White County	07	1645CST			0	0	-	-	Hail (1.75")
									The Little Rock Air Force Base relayed a report of golfball and larger hail, 3 miles west of Beebe.
White County	07	1708CST			0	0	-	-	Hail (1.75")
White County	07	1708CST			0	0	?	-	Thunderstorm wind
									Golfball-size hail was reported by the Beebe Police Department in their city. Trees were blown down in Beebe, as well as power lines and traffic signs.
Prairie County	07	1750CST			0	0	-	-	Hail (1.75")
									Golfball-size hail fell at Hickory Plains, as reported by the Sheriff's Office.
Benton County	07	1928CST			0	0	-	-	Hail (0.75")
									Three-quarter inch hail and strong winds were reported in Siloam Springs.
Benton County	07	2109CST			0	0	?	-	Thunderstorm wind
									An amateur radio spotter reported an antenna tower was blown down 8 miles north of Rogers. Approximately at the same time, a patio was unroofed, trees were blown down, and windows were broken in Rogers.
Madison County	07	2130CST			0	0	-	-	Hail (1.75")
									The Arkansas State Police reported golfball-size hail near Hindsville.
Benton County	07	2155CST			0	0	5	-	Flash flooding
Benton County	07	2204CST			0	0	-	-	Thunderstorm wind
Benton County	07	2208CST			0	0	-	-	Hail (1.75")
									Eight inches of water covered Highway 264 near Lowell, with several families requiring evacuation in Lowell itself. Sixty mile an hour wind and golfball-size hail were reported at Bella Vista. Straight-line winds blew a State Trooper's car off Highway 72 at Pea Ridge. Flooding damages were estimated at about \$400,000, because of washed-out roads and bridges, countywide.
Benton County	07	2223CST			0	0	-	-	Hail (0.75")
Benton County	07	2225CST			0	0	-	-	Hail (1.00")
Benton County	07	2226CST			0	0	-	-	Hail (0.75")
Benton County	07	2230CST			0	0	-	-	Funnel cloud
									Penny-size hail fell 4 miles east of Rogers. Two minutes later, one-inch hail fell 8 miles west of Rogers. One minute later, penny-size hail fell at Little Flock. A Pea Ridge police officer reported seeing a funnel cloud above his patrol car.
Washington County	07	2230CST			0	0	-	-	Thunderstorm wind
Washington County	07	2237CST			0	0	-	-	Hail (0.75")
									Several large trees were blown over by high winds. Many tree limbs caused telephone, cable TV, and power outages in Prairie Grove and Farmington. Three-quarter inch hail fell 10 miles east of Springdale.
Benton County	07	2245CST			0	0	-	-	Flash flooding
Benton County	07	2250CST			0	0	-	-	Thunderstorm wind
									Trees were blown down across Highway 102, west of Centerton. Streets became flooded and cars were washed off the roads in Rogers.
Washington County	07	2303CST			0	0	-	-	Thunderstorm wind
									In the Blue Springs area, east of Springdale, winds blew down a fence, as well as fence posts set in concrete. Two minutes later trees were blown down at Mayfield.
Cleburne County	07	2332CST			0	0	4	-	Thunderstorm wind
									One mobile home was overturned and another unroofed 1/2 mile north of Hopewell. Also, a bait shop was destroyed. Vague damage estimates mentioned tens of thousands of dollars!

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## — ARKANSAS

Madison County	07	2336CST			0	0	-	-	Flash flooding
A 3 1/2-inch rainfall resulted in 6" of water across Highway 74, west of Huntsville.									
Benton County	07	2347CST			0	0	-	-	Hail (0.75")
Benton County	07	2355CST			0	0	-	-	Hail (0.75")
Benton County	07	2355CST			0	0	4	-	Thunderstorm wind
Three-quarter inch hail fell at Gravette and Rogers. Several trees and outbuildings were blown down at Centeron just before midnight. Damages amounted to \$40,000 at a nursery where one greenhouse was destroyed and a second one was heavily damaged in Centeron. A residence had roof and porch damage, also. Several boats were damaged in Bentonville when the wind collapsed storage sheds.									
Madison County	08	0018CST			0	0	-	-	Flash flooding
Flooding was reported all across the county as small streams left their banks, flooding roadways and washing bridges out. A state trooper's car was washed into a ditch.									
Pope County	08	0040CST			0	0	-	-	Hail (1.75")
The Corps of Engineers reported golfball-size hail at Scottsville. Ham radio operators also reported golfball-size hail 4 miles north of Russellville 2 minutes later.									
Washington County	08	0040CST			0	0	-	-	Hail (1.00")
Washington County	08	0046CST			0	0	-	-	Hail (1.75")
One-inch diameter hail fell at Prairie Grove. Six minutes later, hail got up to golfball size.									
Benton County	08	0043CST			0	0	4	-	Flash flooding
Six vehicles were swept away from a trailer park by swift water in Bella Vista.									
Washington County	08	0057CST			0	0	-	-	Hail (1.00")
One-inch diameter hail fell at Devil's Den.									
Pope County	08	0103CST			0	0	?	-	Thunderstorm wind
Pope County	08	0103CST			0	0	?	-	Hail (1.75")
A hardware store had some wind damage and a convenience store was unroofed in Russellville. Several trees were uprooted. Windows were broken. Golfball-size hail accompanied the wind and heavy rain at Russellville, Dover, Hector, Atkins, and Pottsville. Highway 105, near Atkins, was reported to have 1-2 feet of water across it.									
Johnson County	08	0108CST			0	0	-	-	Hail (0.75")
Three-quarter inch hail was reported at Clarksville.									
Conway County	08	0110CST			0	0	4	-	Thunderstorm wind
Conway County	08	0120CST			0	0	-	-	Hail (0.75")
Wind gusts, estimated at 60 mph, blew down trees, damaged 3 roofs, and overturned an empty mobile home in Morrilton. Roof damage at one store alone was estimated at \$6,000. At the same time, hail ranged in size from 1/2" to 3/4".									
Benton County	08	0115CST			0	0	4	-	Flash flooding
Benton County	08	0115CST			0	0	-	-	Thunderstorm wind
Highway 71 was closed due to flooding between Springdale and Rogers. Streets were closed in Rogers because of high water. Some evacuations took place at Monte Ne, where at least 5 persons were pulled from a mobile home. A bridge was washed away in Monte Ne. Several trees were blown down across Highway 71 between Rogers and the Missouri State Line.									
Perry County	08	0129CST			0	0	4	-	Thunderstorm wind
Perry County	08	0137CST			0	0	-	-	Hail (2.00")
Strong wind peeled off 400 feet of roofing on a hog barn and destroyed a tractor shed in the Viney Grove community. A mobile home was blown upright, 25 feet from its foundation. The Sheriff reported that a trailer was destroyed in the Pleasant Valley area. At least six utility poles were broken off. Trees were uprooted in Perryville. Damage to the hog farm was estimated at \$20,000. The cooperative observer in Perry reported 2" diameter hail.									

## — ARKANSAS

Yell County	08	0130CST			0	0	3	-	Thunderstorm wind
Wind damage extended from Sio-Fork (7 miles west of Dardanelle) to Mount George. Several pine trees were blown down with one of them crushing a car, another tree crushed a storage shed. Damage to the car was estimated at \$800.									
Logan County	08	0155CST			0	0	-	-	Thunderstorm wind
Logan County	08	0155CST			0	0	-	-	Hail (0.75")
Heavy rain, 60 mph winds, and penny-size hail were reported in Booneville.									
Pulaski County	08	0200CST			0	0	5	-	Thunderstorm wind
A thunderstorm moved through the Lake Maumelle area early on Tuesday. Gusts damaged one boat dock, loosened a dock from its moorings, completely destroyed 2 other docks, and damaged several sailboats. Dock damage was estimated between \$50,000-60,000. Boat damage was estimated \$15,000-20,000.									
Saline County	08	0227CST			0	0	-	-	Thunderstorm wind
Amateur radio spotters reported a tree blown down across the highway between Haskell and Traskwood.									
Grant County	08	0249CST			0	0	-	-	Hail (1.75")
The Civil Defense Director reported quarter-dollar to golfball-size hail in Sheridan.									
Garland County	08	0253CST			0	0	-	-	Hail (1.75")
Garland County	08	0300CST			0	0	?	-	Thunderstorm wind
Trees and power lines were blown down in the western side of Hot Springs. The State Police reported marble to golfball-size hail in Hot Springs, along with high wind and heavy rain.									
Hot Spring County	08	0320CST			0	0	5	-	Thunderstorm wind
Hot Spring County	08	0330CST			0	0	?	-	Hail (0.75")
A line of very heavy thunderstorms was moving south through the state early Tuesday, with individual storms moving southeast at 40 mph. As a storm was leaving Garland County, it turned south and accelerated to 60 mph. This speed, combined with the usual downdraft, produced a wide area of wind damage followed by heavy rains and three-quarter inch hail. Damage occurred from Social Hill to 2 1/2 miles southeast of Central, at Friendship, and at New DeRoche. Trees, power lines, and a small barn were blown down at Social Hill. Trees were blown down at New DeRoche. Hail, ranging from 3/4" to 1", fell at Central, Social Hill, and Glen Rose. Timber damage was estimated at \$15,000. Damage to 12 homes from falling trees was estimated at \$30,000. Nineteen homes had hail and wind damage with a total of 38 windows broken. A chicken house was damaged at Friendship, with a \$300 estimated cost. A tree was blown down across a car in Malvern, while another tree fell and damaged the corner of the house where the car was parked.									
Dallas County	08	0330CST			0	0	4	-	Thunderstorm wind
Two buildings had extensive wind damage, and trees were uprooted in Sparkman. A 100' x 100' roof was completely blown off, causing \$25,000 in damages to the roof and contents. A tree fell onto the roof of a home, causing \$8,000 in damages.									
Dallas County	08	0355CST			0	0	?	-	Thunderstorm wind
Trees and power lines were blown down between Sparkman and Holly Springs, along Highway 128.									
Lincoln County	08	1208CST			0	0	-	-	Hail (1.75")
The Sheriff's office reported golfball-size hail in Yorktown.									
Columbia County	11	2125CST			0	0	-	-	Hail (1.75")
Columbia County	11	2130CST			0	0	-	-	Thunderstorm wind
Golfball-size hail was reported to the Shreveport Weather Service Office from Emerson. Also, trees were downed by high winds around Ware.									
Columbia County	11	2240CST			0	0	-	-	Hail (1.75")
Golfball-size hail fell 10 miles west of Magnolia.									
Columbia County	11	2335CST			0	0	-	-	Thunderstorm wind
Large trees were blown down and 3 barns were destroyed at Mount Vernon, about 10 miles northwest of Magnolia.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
<b>— ARKANSAS</b>									
Washington County	14	0110CST			0	0	-	-	Hail (0.75")
			Three-quarter inch hail fell at West Fork, according to amateur radio spotters.						
Sebastian County	14	0119CST			0	0	-	-	Thunderstorm wind
			The Fort Smith Weather Service Office received pea-size hail and 60 mph wind gusts.						
Franklin County	19	1400CST			0	0	3	-	Thunderstorm wind
			Several trees and power lines were blown down in Charleston. There were an unspecified number of roofs damaged by the falling trees. Also, trees fell throughout Ozark, resulting in damages to several vehicles, totaling about \$2,000.						
Johnson County	19	1430CST			0	0	3	-	Thunderstorm wind
			Windows were broken, signs blew down, and several trees fell across Clarksville. One car was damaged by a felled tree, resulting in \$3,000 in damages.						
Scott County	19	1745CST			0	0	-	-	Flash flooding
			The Arkansas State Police Office in Fort Smith reported that a section of Highway 71 was under water just south of "Y" City.						
Clark County	27	1930CST			0	0	-	-	Thunderstorm wind
Clark County	27	1930CST			0	0	-	-	Flash flooding
			The Civil Defense Coordinator reported several tree limbs and branches blown down in Gurdon. Minor street flooding occurred in Arkadelphia.						
<b>4 CALIFORNIA, Northern — NONE REPORTED</b>									
<b>4 CALIFORNIA, Southern</b>									
Bishop, Inyo County	01	Afternoon-Evening			0	0	4	0	High Wind
			High wind caused damage to two buildings in the Bishop area.						
Offshore of Orange County	05	0915PST			0	0	0	0	Waterspouts
			Waterspouts were reported offshore of Orange County.						
Bishop, Inyo County	05	1900-2155PST			0	0	0	0	Heavy Snow
			Four inches of snow fell within three hours at the 8500 foot elevation northwest of Bishop.						
Offshore of Los Angeles Airport, Los Angeles County	06	1242PST			0	0	0	0	Waterspout
			A waterspout was sighted 15 miles west of the Los Angeles Airport.						
<b>5 COLORADO</b>									
Denver, Boulder, and Larimer Counties	2	1730-1900MST			0	0	0	0	High winds
			Heavy thunderstorms produced gusts to about 70 mph in Boulder at 1730MST. A gust of 82mph buffeted Denver's Stapleton Airport at 1810MST, and an identical gust was clocked 5 miles north of Wellington in Larimer County at 1850MST. The winds kicked up thick clouds of blowing dust, severely restricting visibility and traffic.						
Logan County	2	1900MST			0	0	0	0	Hail
			Golfball size hail fell 15 miles west of Sterling.						
Mountains and East	2-3				3	1	6	6	Heavy snow, High winds
			The worst snowstorm of the season blasted northeastern Colorado and affected many other areas of the state as well. Heavy snow and high winds combined to close roads, schools, and airports in many spots, especially in the northeast. Sections of all interstate highways out of Denver were shut down at times. The snow came after an exceptionally mild, late winter and early spring, and trees and bushes had already bloomed and leafed out in many areas. The snow and wind snapped many of these, causing widespread, prolonged power outages throughout northeast Colorado, and also in the mountains in Grand County, where 2 to 3 feet of snow piled up. 20 to 30 power poles were broken in the county.						
<b>— COLORADO</b>									
			Winds were especially bad in Weld County. Gusts reached 66 mph in Greeley on the afternoon of the 3rd. Cars were damaged by falling trees, and dozens of power poles were snapped. Snowdrifts piled up 6 feet high. Damage in the county was estimated at 600 to 800 thousand dollars.						
			In the Denver area, the heavy snow brought traffic to the city to a virtual halt by early afternoon, and most businesses closed early or failed to open at all. A roof of a toy store collapsed in Northglenn, and a 100 thousand square foot section of greenhouse roof collapsed in Golden, wiping out over a million dollars worth of plants. Snowfall amounts in the city ranged from one to two feet.						
			Farther south, less snow fell, but winds really howled. Gusts reached 60 mph in Colorado Springs; although only 4 inches of snow fell in the city, up to 20 inches fell in the foothills just west of town, with 65 mph winds and 7 foot drifts. Major damage occurred in the Pueblo area, where winds reached 63 mph and blew steadily at 40 to 50 mph for over half a day. The winds damaged 15 boats at a marina at Pueblo Reservoir, just west of the city. Two houseboats were sunk, and total damage reached 1.5 million dollars.						
			Three fatalities were attributed to the storm. In Weld County, a 92 year old man was found dead in a snowbank near Hudson, and a 60 year old man died of a heart attack when trying to walk to help after his car became stuck in drifts east of Longmont. A 59 year old man was found dead of exposure in northwest Denver. Snowfall amounts from the storm were heaviest in the foothills and mountains near or east of the Continental Divide. Echo Lake, near Mount Evans in Clear Creek County, led reporting stations with a whopping 54 inches of powder. 44 inches fell at Buckhorn Mountain in Larimer County, with a water content of 4.76 inches. 2 to 3 feet fell at many other spots in the foothills, and also in the San Juan Mountains of southwestern Colorado.						
			Other mountain areas received much less snow; only 8 inches fell at Aspen and Copper Mountain, with just 3 inches at Steamboat Springs. Snow depths on the plains of northeast Colorado ranged from 2 inches at Akron to 10 inches at Limon, with about 5 inches in the Sterling area. The high winds in Greeley were accompanied by only 4 inches of snow, and Pueblo received just an inch.						
			Despite the problems it caused, the 1 to 3 inches of moisture deposited by the storm was quite beneficial to many agricultural interests in northeastern Colorado.						
Lincoln County	7	2023MST			0	0	0	0	Hail
			Golfball size hail fell in the southern part of Limon.						
Northern Mountains and Northeast Foothills	13	0300-1300MST			0	0	5	0	Snow, High wind
			Strong winds howled along the eastern foothills, reaching a peak gust of 79 mph in Boulder at 1000MST. Gusts of 55 to 60 mph were noted at Longmont, Pueblo, Denver, and farther east at La Junta. There were power outages in the Denver area. The wind blew down brick walls of a store under construction in Arvada, and also damaged luxury sky boxes under construction atop Mile High Stadium in Denver. Road signs in Arvada were toppled.						
			In the mountains, winds reached 82 mph at Copper Mountain in Summit County, and 61 mph on the summit of Mount Evans. 14 inches of snow fell at Beaver Creek ski area on the 13th and 14th, with 8 to 10 inches in Vail and Summit County.						
Alamosa County	16	1300-1400MST			0	0	4	0	High winds
			Winds gusted to 67 mph in Alamosa at 1337MST, and gusts were 70 mph at 1400MST at the Great Sand Dunes National Monument east of town. A house under construction in East Alamosa was partially unroofed.						
Mountains	17-18				0	0	0	0	Snow
			13 inches of snow fell at Breckenridge in Summit County while St. Paul in the San Juans had 12 inches. 8 to 9 inches whitened the slopes at Vail and Copper Mountain.						
Jefferson County	24	0200MST			0	0	0	0	High winds
			A gust of 60 mph was clocked at Golden Gate Canyon.						
Mesa County	24	1800-1900MST			0	0	5	0	High winds
			As a cold front approached, strong winds blew throughout the Grand Valley, reaching 64 mph at 1849MST at Walker Field in Grand Junction. The winds downed power poles, causing numerous outages in the valley. Signs were blown down and trees were uprooted, damaging several cars. A traffic light was blown down in Grand Junction, and car windows at Walker Field were broken by flying debris. One window at the Weather Service Office was also broken. A storage building was unroofed, and a small backyard shed was destroyed. Ducks and chickens were reported to have been blown off their feet and into the air!						

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
<b>— COLORADO —</b>											
Mountains	25-26				0	0	0	0	0	0	Snow 15 inches of snow fell at Red Mountain Pass in the San Juans. 10 inches were reported at Arapahoe Basin ski area in Summit County.
<b>6 CONNECTICUT — NONE REPORTED</b>											
<b>7 DELAWARE — NONE REPORTED</b>											
<b>8 FLORIDA</b>											
Monroe Co.	13 0718EST				0	0	3	0	0	0	Thunderstorm wind  A wind gust to 55 knots was recorded at Key West. Several trees were downed which damaged a car and a fence. A store awning was damaged.
<b>9 GEORGIA</b>											
Fannin County	07 0710EST				0	0	0	0	0	0	Hail  Hail from pea size to golf ball size fell across parts of Fannin County. The hail was reported to be 2 to 5 inches deep on the ground in the Aska community 8 miles southeast of Blue Ridge.
Union County	07 0717EST				0	0	0	0	0	0	Hail  Golf ball size hail was reported in the west part of the county.
Lupkin County	07 0730EST				0	0	0	0	0	0	Hail  Hail up to one inch in diameter covered the ground 8 miles northwest of Cleveland.
White County	07 0740EST				0	0	0	0	0	0	Hail  Hail to 3/4 inch in diameter covered the ground 10 miles northwest of Cleveland.
Fannin County	07 0840EST				0	0	0	0	0	0	Hail  Golf ball size hail was reported in Epworth.
Clarke County	08 1630EST	2	25		0	0	5	0	0	0	Tornado (F1)  A small ropelike tornado touched down in northern Athens. Three mobile homes were destroyed and several others damaged. An apartment complex and the roof of a manufacturing plant was damaged.
Oglethorpe County	08 1700EST	.25	25		0	0	4	0	0	0	Tornado (F1)  The same storm that produced the above tornado produced another short lived tornado 3 miles northwest of Arnoldsville. This tornado destroyed two chicken houses and damaged a barn and a house.
<b>10 IDAHO</b>											
IDZ003	12- 1800- 13 0600MST				0	0	4	0	0	0	Heavy snow  Heavy snow fell from Ashton Hill to West Yellowstone. Eight inches fell in the Island Park area. Extensive power outages occurred in the upper Snake River Valley.
IDZ008	21 1900MST				0	0	4	0	0	0	Flash flood  A downpour estimated in excess of one inch sent boulders across some roads including Highway 95 where it crosses Sweetwater Creek. Muddy runoff waters from nearby planted fields suffocated fish along Lapwai and Mission Creeks. Surveys found 668 bridgeclip suckers, 60 chosedmouth suckers, 41 rainbow trout, two adult female steelhead, and 60 squawfish were killed.
IDZ001	22 1600MST				0	0	?	6	0	0	Hail (1.0)  One inch in diameter hail wiped out 300 acres of fruit tree buds, and several hundred other acres received 60% to 80% destruction.
<b>— IDAHO —</b>											
IDZ006	22 1715MST				0	0	6	0	0	0	Thunderstorm wind, Hail (1.0)  Very high winds toppled approximately 2500 acres of trees (6 million board feet) in the Boise National Forest near Lowman. Some of the trees fell into homes and cabins, and a few sheds collapsed. One inch diameter hail covered the ground at the U.S. Forest Service's Lowman Ranger District.
IDZ001	22 1815- 1845MST				0	0	4	4	0	0	Thunderstorm wind, Hail (1.0)  A severe thunderstorm moved through the south and east sections of Boise. 0.75 to 1.00 inch diameter hail was reported by several off-duty personnel. A peak gust of 50 kts occurred at the Boise airport. A mobile home south of Boise was completely destroyed.
IDZ006	22 1900MST				0	0	0	0	0	0	Hook echo  Mountain Home Air Force Base radar detected a hook echo 20 miles northeast of Boise. No confirmation or damage reports were received.
IDZ003	22 2030MST				3	0	3	0	0	0	Thunderstorm wind  Three boaters drowned in American Falls Reservoir as high winds produced ocean-like waves of 5-7 feet. The peak wind gust at the Pocatello airport was 41 kts.
<b>11 ILLINOIS</b>											
Carroll Co., Milledgeville and Whiteside Co., Sterling	25 1830CST				0	0	?	0	0	0	Hail (1.00)
Lee Co., 3W Dixon and Ogle Co., 5S Pele	25 1830CST				0	0	?	0	0	0	Hail (0.75)  Three-quarter to one-inch hail fell at many locations in Carroll, Whiteside, Lee and Ogle Counties between 1830 and 1855 CST.
La Salle Co., 2SE Dana	30 1545CST				0	0	0	0	0	0	Funnel Cloud
Coles Co., Charleston	30 1615CST				0	5	4	0	0	0	Tstm. Wind  High thunderstorm winds in Charleston resulted in some power lines and large tree limbs down. Windows blew out at a cafe, resulting in minor, flying-glass injuries.
Menard Co., Petersburg	30 1620CST				0	0	3	0	0	0	Tstm. Winds, Hail (1.00)  High thunderstorm winds and one-inch hail resulted in scattered minor damage in and around Petersburg.
De Witt Co., Wapella	30 1705CST				0	0	3	0	0	0	Tstm. Winds (55)
De Witt Co., Kenny	30 1705CST	0.1	20		0	0	4	0	0	0	Tornado (F1)  Thunderstorm winds up to about 65mph caused minor damage to trees and buildings in Wapella. A brief tornado touchdown at Kenney resulted in three empty railroad cars being overturned and damage to a barn.
<b>12 INDIANA</b>											
Kosciusko County, Etna Green	25 1707 EST				0	0	?	?	0	0	Hail (1.5)
Marshall County, Lake of the Woods	25 1730 EST				0	0	?	?	0	0	Hail (1.5)
Kosciusko County: Mentone	25 1740 EST				0	0	?	?	0	0	Hail (.75)
Silver Lake	25 1759 EST				0	0	?	?	0	0	Hail (.75)
Nobel County, Cromwell	25 1740 EST				0	0	0	0	0	0	Hail (.75)  Dime size hail was reported by a spotter just south of Cromwell.
Marshall County, 2N Plymouth	25 1824 EST				0	0	?	?	0	0	Hail (1.0)
Wabash County, Roann	25 1855 EST				0	0	0	0	0	0	Hail (.75)  Dime size hail was reported by a spotter 10 miles north of Roann on State Road 15.
Marshall County, Argos	25 1911 EST				0	0	?	?	0	0	Hail (1.1)



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	

INDIANA											
St. Joseph County, South Bend	25	2140 EST									Hail (.75)
Hail 3/4 inch in diameter was reported at several locations around South Bend. Lightning hit at least three transformers, knocking out power for about 350 customers.											
Marshall and Fulton Counties	25	1600-2300 EST									Heavy rain
Thunderstorms produced rainfall amounts from 4 to 6 inches in southern Marshall and northern Fulton Counties, causing flooding of roadways and small streams. Civil Defense officials reported no major damage in either county.											
13 IOWA											
Statewide	All Month					0	0	3	4		Floods
Heavy rainfall during the month caused minor flooding along the Little Sioux, Des Moines, North, Nishnabotna, Iowa, North Raccoon, and Chariton Rivers.											
Carroll County, 10 NW Carroll	04	1555 CST				0	0	0	0		Funnel Cloud
Sac County, Ulmer	04	1620 CST				0	0	0	0		Funnel Cloud
Sac County, 5S Sac City	04	1630 CST				0	0	0	0		Funnel Cloud
Jefferson County, 5 SW Libertyville	04	1802 CST				0	0	0	3		Hail (1.75)
Hail as large as golfballs fell 5 miles southwest of Libertyville.											
Crawford County, Denison IA209	13	1105 CST				0	0	0	0		High Winds (68 MPH)
Strong winds gusted to 65 to 70 miles an hour at Denison.											
Northwest Iowa IAZ04	13-14	Morning Afternoon				0	0	4	0		Snow and Wind
Statewide IAZALL	14	All Day				0	0	3	0		Snow and Ice
Winter briefly returned to Iowa, bringing ice, cold and snow back to the state. The worst of the weather occurred in the Sioux City area, where 1 to 3 inches of snow and howling winds up to 60 MPH brought low visibility conditions in a near blizzard situation. The strong winds actually caused the roof of one business to be torn off the building. Traffic accidents were common statewide, especially in areas that had rain that later froze to the road surface.											
Jefferson County, Fairfield IAZ14	14	0515 CST				0	0	4	0		High Winds
Strong winds ripped off part of a roof of a metal building in Fairfield that had served as a storage building and tire shop. There was also some brick and window damage to the building. The roof ripped some power lines down when it fell, and a tractor-trailer ran into the lines, causing damage to a couple of the utility poles.											
Statewide	22	Morning				0	0	0	5		Freeze
A late April, hard freeze after some mild spring weather caused spotty but significant damage to Iowa's fruit trees.											
Warren County, Indianola	24	2220 CST				0	0	0	3		Hail (1.0)
Warren County, New Virginia	24	2310 CST				0	0	0	3		Hail (1.75)
Marion County, Columbia	24	2356 CST				0	0	0	3		Hail (1.75)
Mahaska County, Oskaloosa	25	0112 CST				0	0	0	3		Hail (1.75)
A line of thunderstorms moved through South-Central Iowa, causing minor damage to crops as it dropped large hail through the area.											
Carroll County, Carroll IA209	25	1512 CST				0	0	3	0		High Winds
Winds were clocked at 87 MPH at the airport in Carroll, and at 65 MPH at the radio station. The winds blew a door off the storage hangar.											
Boone County, Pilot Mound and Ogden	26	0230 CST				0	0	4	0		Thunderstorm Winds (60+ MPH)
A thunderstorm moved through the Ogden and Pilot Mound area in the middle of the night and caused some damage at several farms. A large old barn was destroyed, outbuildings were smashed, trees were felled, and a mobile home was overturned by the storm.											
Wright County, SE Eagle Grove IAZ06	26	0530 CST				0	0	4	0		Lightning
Lightning struck a farm home near Eagle Grove and caused a fire that resulted in quite a bit of smoke damage.											
Lyon County	26	1830 CST	9.5	70	0	0	0	6	4		Tornado (F2)
A tornado touched down in western Lyon County and caused major damage to several farmsteads. The storm moved northeast from near Alford to east of Lester. Barns, garages, machinery and equipment, pens, silos, and shelters were all destroyed in the tornado's path. At least one farm home suffered roof damage. A number of cattle and hogs were killed by the storm. Power outages were numerous.											
Lyon County, 3NW George to 5NW Little Rock	26	1830 CST	8.5	120	1	2	6	4			Tornado (F2)
This killer storm began north of George [1830CST] and moved northeast to five miles north-northwest of Little Rock before crossing into Minnesota [1845 CST]. Much destruction resulted, but the worst came when the storm struck a farm 4 miles northwest of Little Rock, killed a 4-year old girl there, and injured the uncle and grandmother of the child. The family was in the dairy barn when they realized a storm was upon them. Instead of running to the farm house for shelter (which had no major structural damage), they tried to outrun the storm in a pickup. They were still in their farmyard when a fence post came through the window and killed the girl. Tornado F04V. (border crosser)											

IOWA											
Harrison County, Little Sioux	26	1953 CST				0	0	3	1		Hail (2.0)
Some vehicles were damaged at Little Sioux when 3 inch hail fell.											
Crawford County, 4W Denison	26	2105 CST	.1	20	0	0	0	0	0		Tornado (F0)
A tornado touched down briefly west of Denison.											
Greene County, 3S Jefferson	29	1428 CST				0	0	3	3		Hail (1.75)
Greene County, Paton	29	1452 CST				0	0	3	3		Hail (1.75)
Marshall County, State Center	29	1602 CST				0	0	3	3		Hail (1.75)
Marshall County, Albion	29	1609 CST				0	0	3	3		Hail (1.75)
Benton County, Luzerne	29	1715 CST				0	0	0	3		Hail (1.75)
Benton County, Norway	29	1730 CST				0	0	0	3		Hail (1.0)
Iowa County, 15 SW Cedar Rapids	29	1730 CST				0	0	0	3		Hail (1.0)
Linn County, 1N Ely	29	1759 CST				0	0	0	3		Hail (1.0)
Johnson County	29	1804 CST				0	0	5	0		Thunderstorm Winds (60+ MPH)
Thunderstorms moved in a straight line from the west across Central and East-Central Iowa, dropping hail in almost every county they traversed. Some vehicles were damaged by the hail. At about 5 miles northwest of Kalona, the roof of a school was partially sheared off by the wind. Some power outages occurred in Iowa City due to downed power lines and blown transformers.											
Taylor County, 10N Bedford	29	2317 CST				0	0	4	3		Thunderstorm Winds (60+ MPH)
Union County, 3S Kent	29	2345 CST				0	0	4	3		Thunderstorm Winds (60+ MPH)
Thunderstorms quickly developed in Southeast Iowa near the midnight hour, bringing winds that knocked down a barn and felled a 4-inch wide tree north of Bedford, and destroyed another barn 3 miles south of Kent.											
Guthrie County, Guthrie County, Guthrie Center	30	0655 CST				0	0	0	3		Hail (1.75)
	30	0742 CST				0	0	0	3		Hail (1.75)
Hail as large as golfballs fell in Guthrie County in a thunderstorm that moved through in the early postdawn hours.											
Polk County	30	1000 CST				0	0	5	3		Flash Flood
Successive downpours of 1 to 2 inches in the morning brought creeks and rivers up quickly in the Des Moines area. The flooding along Walnut Creek in West Des Moines was not major, but was significant along Four Mile Creek on the Des Moines East Side. Many experienced water in basements as storm sewers became clogged and some businesses incurred notable losses. More than a hundred people had to abandon their homes temporarily. Ankeny recorded the heaviest rainfall, with 4.5 inches total.											
14 KANSAS											
Cheyenne County: Bird City	02	1725CST				0	0	0	0		TSTM Wind (52kt)
2E St. Francis	02	1725CST				0	0	0	2		Hail (.75)
St. Francis	02	1750CST				0	0	0	2		Hail (.75)
A severe thunderstorm formed 10 miles north of Goodland and moved to the Nebraska border northeast of St. Francis. The storm produced 3/4 inch hail and 60 mph winds in some spots.											
Ford County, 3E Ensign	03	0100CST				0	0	1	0		TSTM Wind (52kt)
A thunderstorm wind gust damaged a shed east of Ensign.											
Lyon County, Emporia	03	1506CST				0	0	4	0		TSTM Wind (70kt)
A thunderstorm wind gust measured at 80 mph at the Emporia Airport tore apart a sign and damaged the roof of a business on the west side of Emporia.											
Kingman County, 15W Kingman	06	2007CST				0	0	3	3		Hail (2.75)
Reno County: Pretty Prairie	06	2035CST				0	0	2	3		Hail (1.75)
15 Haven	06	2102CST				0	0	0	3		Hail (1.50)
Sedgwick County, Mt. Hope	06	2110CST				0	0	0	1		Hail (1.75)
A severe thunderstorm dropped golfball and larger hail in spots along a 15 mile wide path from west of Kingman east to northwest of Wichita.											
Wilson County, 2E Buffalo	07	1700CST				0	0	0	1		Hail (.75)
Woods County: Chanute	07	1717CST				0	0	0	2		Hail (.88)
Chanute Airport	07	1720CST				0	0	3	0		Hail (2.50)
Chanute	07	1724CST				0	0	5	0		Hail (3.00)
Erie	07	1800CST				0	0	4	4		Hail (1.75)
Chanute	07	1835CST				0	0	4	0		Hail (2.00)
Erie	07	1850CST				0	0	4	4		Hail (1.75)
6E Erie	07	1855CST	0.3	50	0	0	0	0	0		Tornado (F0)
Thayer	07	1910CST				0	0	4	4		Hail (1.75)
Greenwood County: Madison	07	1725CST				0	0	5	4		Hail (4.00)
5S Madison	07	1735CST	1.0	50	0	0	5	0	0		Tornado (F1)
2N Virgil	07	1755CST				0	0	3	4		Hail (2.75)



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>— KANSAS</b>									
KSZ001-002-004-005 Northwest Kansas	14	0900CST-1600CST			0	0	3	4	High Wind
			Winds averaged 40 mph with gusts to about 55 mph across much of northwest Kansas most of the day. Topsoil was blown away, but little other damage resulted.						
Logan County, 2W Winona	17	1405CST			0	0	0	0	Funnel
Thomas County: 3SW Colby	17	1420CST			0	0	0	0	Funnel
Colby	17	1430CST			0	0	0	2	Hail (.75)
3W Colby	17	1433CST			0	0	0	2	Hail (.75)
Rawlins County: 6W Atwood	17	1450CST			0	0	0	4	Hail (.75)
6S Atwood	17	1455CST			0	0	0	4	Hail (.75)
Decatur County, 2W Norcatur	17	1735CST			0	0	0	0	Funnel
Gove County, 3W Quinter	17	1739CST			0	0	0	0	Funnel
Graham County, 10W Hill City	17	1750CST			0	0	0	4	Hail (1.00)
Norton County, Norton Lake	17	1809CST			0	0	0	3	Hail (.75)
			A line of severe thunderstorms formed at 1400CST between Goodland and Colby, and reached north to the Nebraska border. The storms dropped hail and funnel clouds as they moved east. None of the funnels reached the ground.						
Meade County, 8S Meade	17	1600CST			0	0	0	3	Hail (.75)
Ford County: 3NE Ford	17	1707CST			0	0	0	3	Hail (1.75)
Dodge City Airport	17	1717CST			0	0	0	1	Hail (.75)
Windhorst	17	1725CST			0	0	0	0	Funnel
Edwards County: 3S Offerle	17	1720CST			0	0	2	2	Hail (.75), TSTM Wind (52kt)
7S Kinsley	17	1722CST			0	0	5	5	Hail (2.00)
Offerle	17	1740CST			0	0	2	2	Hail (.75)
7S Kinsley	17	1745CST			0	0	0	0	Funnel
Lewis	17	1833CST			0	0	2	3	Hail (1.75)
Lewis	17	1845CST			0	0	3	4	Hail (1.00)
Kiowa County, 8N Mullinville	17	1735CST			0	0	0	3	Hail (1.75)
Pawnee County: 8S Larned	17	1905CST			0	0	2	2	Hail (.75)
7E Larned	17	1910CST			0	0	5	5	Hail (2.75)
Stafford County: 10S Great Bend	17	1922CST			0	0	4	4	Hail (2.75)
3N Radium	17	1925CST			0	0	2	2	Hail (1.00)
			A severe thunderstorm formed northeast of Liberal and moved toward Great Bend. It dropped hail across much of its 25 mile wide path from south of Dodge City to south of Great Bend. A good deal of crop damage resulted around the Larned, Kinsley and St. John areas.						
Barton County: 7W Great Bend	17	1840CST			0	0	2	3	Hail (.75)
Great Bend	17	1857CST			0	0	2	3	Hail (.75)
Great Bend	17	1910CST			0	0	2	3	Hail (.75)
Ellinwood	17	1940CST			0	0	2	3	Hail (.75)
Russell County, Russell Airport	17	1902CST			0	0	2	0	TSTM Wind (57kt)
Ellsworth County: Lorraine	17	2010CST			0	0	2	2	Hail (1.00), TSTM Wind (52kt)
Ellsworth Rice County, 4N and 1W Chase	17	2010CST			0	0	2	2	Hail (1.00)
			A line of severe thunderstorms developed over western Barton County and moved east-northeast across western Rice, Russell and Ellsworth Counties. Numerous places reported hail. Wind blew down a garage, took the roof off a building and uprooted a large tree north-northwest of Chase.						
Sumner County: Argonia	24	1856CST			0	0	0	4	Hail (1.00)
3E Conway Springs	24	1930CST			0	0	0	3	Hail (.75)
			A thunderstorm dropped hailstones as large as an inch in diameter upon the northeast quarter of Sumner County. Several wheat fields suffered damage.						
Russell County: Russell	25	1823CST			0	0	3	2	Hail (1.75)
Lucas	25	1855CST			0	0	2	0	Hail (.75)
			A severe thunderstorm developed west of Russell and moved northeast toward Beloit. It dropped 3/4 inch to golfball size hail on parts of Russell County.						
Rice County, Sterling	25	1924CST			0	0	2	4	Hail (1.75), TSTM Wind (52kt)
McPherson County: N of McPherson	25	1930CST			0	0	3	2	TSTM Wind Dmg
5W Lindsborg	25	2000CST			0	0	4	2	TSTM Wind Dmg
McPherson	25	2010CST			0	0	2	4	Hail (.75)
			A severe thunderstorm formed over southwest Rice County and moved east. Two farms were damaged by wind north of McPherson. Power lines were downed from 10 miles west of McPherson to about 5 miles west of Lindsborg.						
<b>— KANSAS</b>									
Mitchell County, Simpson	25	2025CST			0	0	2	0	Hail (.75)
Cloud County: 155SW Concordia near Glasco	25	2030CST			0	0	2	0	Hail (.75)
2E Concordia	25	2035CST			0	0	2	2	Hail (1.00)
5E Concordia	25	2051CST			0	0	2	0	Hail (.75)
Rice	25	2102CST			0	0	2	0	Hail (.75)
	25	2110CST			0	0	2	0	Hail (.75)
			A severe thunderstorm dropped 3/4 to one inch diameter hail on the east part of Mitchell and much of Cloud Counties.						
McPherson County: 6W McPherson	25	2045CST			0	0	0	0	Funnel
5N McPherson	25	2045CST			0	0	0	0	Funnel
McPherson	25	2110CST			0	0	3	4	Hail (1.75)
Dickinson County, 10S Abilene	25	2115CST			0	0	2	0	Hail (.75)
Saline County, Gypsum	25	2121CST			0	0	2	3	Hail (.75)
			A severe thunderstorm formed west of McPherson and moved east to south of Abilene. The storm dropped hail of 3/4 inch to golfball size. Two funnels also formed.						
Osborne County, Osborne	26	1533CST			0	0	2	1	Hail (1.75)
Smith County, Smith Center	26	1552CST			0	0	2	2	Hail (1.75)
			A severe thunderstorm dropped golfball size hail from Osborne to Smith Center.						
Osborne County: Downs	26	1619CST			0	0	2	2	Hail (1.75)
6E Osborne	26	1620CST			0	0	2	2	Hail (1.00), TSTM Wind (52kt)
Osborne	26	1634CST			0	0	2	0	Hail (.75)
Smith County, S of Smith Center	26	1709CST			0	0	2	3	Hail (2.00)
Republic County, 1.5SW Republic	26	1800CST			0	0	2	3	Hail (1.50)
			A severe thunderstorm dropped large hail from near Osborne to the Nebraska border northwest of Belleville.						
Osborne County, Alton	26	1823CST			0	0	2	2	Hail (.75)
Jewell County: Burr Oak	26	1909CST			0	0	3	1	Hail (1.00)
3N Burr Oak	26	1911CST			0	0	3	2	Hail (1.50)
Burr Oak	26	1940CST			0	0	3	2	Hail (1.50)
			A severe thunderstorm developed in northeast Osborne County and moved northeast to north of Mankato. The storm dropped 3/4 to 1.5 inch hail upon many places along the path.						
Finney County, Garden City Airport	26	2020CST			0	0	1	0	TSTM Wind (52kt)
			A thunderstorm produced a wind gust measured at 60 mph at the Garden City Airport. No significant damage resulted.						
Ford County, Bucklin	27	0040CST			0	0	1	0	TSTM Wind (52kt)
Kiowa County, Mullinville	27	0040CST			0	0	1	0	TSTM Wind (52kt)
Clark County, Clark Co. Lake	27	0040CST			0	0	1	0	TSTM Wind (52kt)
			Thunderstorm winds estimated at 60 mph caused minor tree damage across northern Clark, southern Ford and western Kiowa Counties.						
Reno County, 2E Sylvia	27	0310CST	0.5	50	0	0	0	0	Tornado (F0)
			A tornado touched ground briefly near Sylvia. No damage resulted.						
Franklin County, Richmond	27	0930CST			0	0	5	0	Lightning
			Lightning struck a store in downtown Richmond. The resulting fire gutted the insides of the building.						
Leavenworth County, Basehor	27	1600CST			0	0	3	0	TSTM Wind Dmg
			A thunderstorm wind gust tore apart a barn near Basehor.						
Shawnee County, Topeka Airport	27	1606CST			0	0	0	0	TSTM Wind (53kt)
Jefferson County, 4NE Topeka	27	1615CST			0	0	2	0	TSTM Wind Dmg
			A thunderstorm wind gust measured at 61 mph at Topeka's Billard Airport caused tree damage 4 miles northeast of the airport.						
SPECIAL HAIL SUMMARY									
Kansas-Oklahoma Hail Loss Service reports indicate hail was especially damaging to crops in the listed counties on the following dates:									
07 Ottawa									
13 Barber, Smith, Sumner									
17 Barton, Edwards, Graham, Ness, Pawnee, Stafford									
24 Sumner									
25 McPherson, Reno, Rice									
26 Stafford									
27 Kiowa									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

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					KILLED	INJURED	PROPERTY	CROPS	

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					KILLED	INJURED	PROPERTY	CROPS	

## 15 KENTUCKY

Graves County 06 1805 CST 0 0 3 3 Hail  
Nickel size hail fell in Mayfield. Marble size hail battered blooming trees and flowers, and damaged roofs near Cuba. Hail drifts measured nine inches near Cuba. Marble size hail also covered the ground at Wingo and Farmington.

Cumberland County 20 1745 EST 3 300-600 0 2 5 4 Tornado (F3)  
A tornado touched down three miles north of Burkesville, severely damaging two farm residences. One family of two was left homeless when their home, garage, and barn were totally destroyed. Another family suffered severe damage to their home and barn, but the premises remained livable.  
The tornado came over a south hill and dipped rapidly into the hollow where the two farms were located.

There were two injuries. One man and one woman, both of whom were in the home that was totally destroyed. The woman had gone to the front glass door when she first heard the roar of what was to be the tornado. The glass exploded in her face, cutting her face and hands. The man went to help his wife and was violently pushed back into the northeast wall of the house that then collapsed. The man was caught between the fireplace bricks and the collapsed wall. He suffered many cuts and bruises. The man and woman were both in their mid 60s.

The only area of the destroyed home that was left standing was the interior hallway and bathroom.

An outside satellite dish was blown one mile up a hill. There was an unexplainable hole the size of a baseball blown into the concrete blocking at the base of the house. Canned mason jars had their lids twisted off, leaving the pickles untouched inside the jars. One very large cedar tree was uprooted, root system and all, and slammed on top of three parked vehicles that the tornado had meshed together as one.

Thirty chickens were killed in one barn that exploded. Cancelled checks were returned from 4 miles away. The roof on the home that was totally destroyed was set down on the other side of the hill some 3 miles away. Twenty five very large cedar trees were uprooted and severely twisted. Large pieces of tin roofing were twisted around tree branches and waded into balls of metal.

Damage circulated in a path from 300 to 600 yards wide by three miles long. The area was set in a very pronounced valley surrounded by large foothills on three sides.

Cumberland County 20 1810 EST 8 150 0 0 4 0 Tornado (F1)

A small tornado struck the community of Bakerton, located approximately 5 miles northeast of Burkesville. The tornado was sporadically on a northeast path for 8 miles up to the southeast Adair County line. The estimated width of the tornado was at 150 yards. Five homes were damaged, two severely. Fifteen outbuildings were damaged, two were a total loss. Fifty trees were twisted and uprooted. Power lines and power poles were down. The tornado touched down on the southwest edge of Bakerton and appeared to have an exaggerated, zig-zagging motion following closely the river bank of the Little Renox Creek. House antennae were twisted to the ground, windows exploded, roofs were lifted off, and a large damage path of uprooted and twisted trees was cut through the woods.

## 16 LOUISIANA

Caddo Parish 04 1920CST 0 0 ? ? SVR TSTM - Hail (0.88)  
Caddo Parish 04 1940CST 0 0 0 0 Funnel  
Caddo Parish 04 1950CST 0.3 150 0 0 ? ? Tornado (F1)  
A severe thunderstorm produced nickel-sized hail northeast of Rodessa at 1920CST. 20 minutes later, a KTAL TV crew saw a large funnel north of Ida moving east-northeast. At 1950CST, a tornado uprooted several trees north of Ida.

## LOUISIANA

Bossier Parish 11 2115CST 0 0 ? ? SVR TSTM - Wind  
Webster Parish 11 2120CST 0 0 5 ? SVR TSTM - Wind, Hail (1.50-2.00)  
Claiborne Parish 11 2150CST 0 0 ? ? SVR TSTM - Wind  
Claiborne Parish 11 2210CST 0 0 ? ? SVR TSTM - Hail (1.75)  
Lincoln Parish 11 2220CST 0 0 4 ? SVR TSTM - Wind  
Union Parish 11 2255CST 0 0 ? ? SVR TSTM - Wind  
Ouachita Parish 11 2315CST 0 0 ? ? SVR TSTM - Hail (1.25)  
Lincoln Parish 11 2320CST 0 0 ? ? SVR TSTM - Wind, Hail (2.75)  
Ouachita Parish 11 2325CST 0 0 0 0 Funnel  
Richland Parish 11 2355CST 0 0 ? 0 Funnel, SVR TSTM - Hail (1.75)  
Richland Parish 12 0005CST 0.3 100 0 0 ? ? Tornado (F1)  
Richland Parish 12 0005CST 0 0 ? ? SVR TSTM - Wind  
Franklin Parish 12 0009CST 2.0 100 0 3 5 ? Tornado (F2)  
Richland Parish 12 0010CST 0 0 ? ? SVR TSTM - Hail (1.75)  
Franklin Parish 12 0015CST 0 0 ? ? SVR TSTM - Wind, Hail (1.75)  
Tensas Parish 12 0045CST 0 0 ? ? SVR TSTM - Wind, Hail (1.0-3.0)  
Tensas Parish 12 0050CST 0.3 100 0 0 ? ? Tornado (F1)  
Richland Parish 12 0115CST 0 0 ? ? SVR TSTM - Wind  
Caddo Parish 12 0200CST 0 0 ? ? SVR TSTM - Hail (1.75)  
Tensas Parish 12 0243CST 0 0 ? ? SVR TSTM - Hail (2.00)

An area of severe thunderstorms pounded northern Louisiana between 2115CST and 0243CST, producing widespread straight-line wind and hail damage. Moreover, there were several reports of funnels and tornadoes. The first damage occurred in Bossier Parish at 2115CST when 70 mph winds blew down trees and power lines north of Plain Dealing. 1.5 to 2.0 inch hail and high winds downed trees, power lines and broke windows in neighboring Webster Parish at 2120CST. The greatest loss was in the Cullen area where a car dealer estimated the wind and large hail did about \$70,000 damage to his inventory. Straight-line winds knocked off a trailer from its foundation in the Homer area (Claiborne Parish) at 2150CST; in addition, golfball size hail fell 7 miles north of Homer at 2210CST. 75 mph winds blew off the roof of a Ruston home (Lincoln Parish) at 2220CST. Furthermore, LA33 was blocked by numerous fallen trees and power lines. 60 mph winds blew down numerous trees south of Farnerville in Union Parish at 2255CST. Half dollar size hail fell in Calhoun (Ouachita Parish) at 2315CST. High winds and baseball size hail damaged cars, roofs and windows around Vienna (Lincoln Parish) at 2320CST. A funnel cloud was sighted 4 miles southwest of Monroe at 2325CST (Ouachita Parish). At 2355CST, a funnel and golfball size hail were reported at Alto in Richland Parish. A small tornado moving rapidly east-southeast destroyed some sheds and barns south of Rayville at 0005CST while 70 mph winds damaged a trailer north of Archibald almost simultaneously. A tornado moving rapidly south-east along an intermittent path destroyed two mobile homes and took off the roof of a nearby house one mile south of the junction of LA4 and LA572 at 0009CST; three people were injured (Franklin Parish). Golfball size hail damaged cars and roofs in Mandham (Richland Parish) at 0010CST. Straight-line winds and golfball size hail damaged homes and businesses in the Minnsboro area (Franklin Parish) at 0015CST. 70 mph winds blew 1 to 3 inch hail horizontally into windows in Newlight (Tensas Parish) at 0045CST. At 0050CST, a tornado blew down trees and power lines 5 miles north of St. Joseph in Tensas Parish. 60 mph winds knocked over trees and signs near Start (Richland Parish) at 0115CST. Golfball size hail fell near Belcher (Caddo Parish) at 0200CST. Finally, egg size hail broke windows and damaged roofs, signs and cars at Newellton (Tensas Parish) at 0243CST.

Natchitoches Parish 19 1410CST 0 0 ? ? SVR TSTM - Hail (0.75)  
Winn Parish 19 1430CST 0 0 ? ? SVR TSTM - Wind, Hail (1.00)

An isolated severe thunderstorm produced golfball size hail near Cypress in Natchitoches Parish at 1410CST. It blew down trees in extreme southwest Winn Parish at 1430CST and produced 1 inch hail at Atlanta 10 minutes later.

Natchitoches Parish 19 1605CST 0 0 ? ? SVR TSTM - Hail (0.75)  
Lasalle Parish 19 1615CST 0 0 ? ? SVR TSTM - Hail (0.75)

A severe thunderstorm dumped golfball size hail near Clarence (Natchitoches Parish) at 1605CST and at Tullos (Lasalle Parish) at 1615CST as it moved rapidly east.

Winn Parish 19 1620CST 0.3 50 0 0 ? ? Tornado (F1)  
A tornado blew down some trees and sheds north of Dobson as it moved rapidly east-northeast.

New Iberia Parish 20 0200CST 0 0 3 0 TSTM - Lightning  
Lightning caused several thousand dollars in damage when it started a garage fire in Jeanerette.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

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					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

17 MAINE ————— NONE REPORTED

18 MARYLAND and D.C.

MDZ009  
Garrett County | 11 Morning | 0 0 4 0 | Heavy Snow  
A late-winter storm blanketed Garrett County with 5 to 9 inches of snow. Schools opened two hours late.

19 MASSACHUSETTS ————— NONE REPORTED

20 MICHIGAN

Niles, Berrien County | 25 2215EST | 0 0 0 0 | Hail (0.75)  
3/4 inch diameter hailstones fell.

Grand Rapids, Kent County | 26 0220EST | 0 0 0 0 | Thunderstorm wind  
The wind gusted to 52 mph at the Grand Rapids airport during a thunderstorm.

2 S Bennington, Shiawassee County to 2 S Brant, Saginaw County | 28 1508EST | 27 40 | 0 0 6 0 | Tornado (F2)  
Minor wind damage occurred east of Mason in Ingham County. A funnel was seen aloft northwest of Williamson, Ingham County and again at Shaftsbury, Shiawassee County. It was observed touching down on Brewer Road west of Reuss Road, south of Bennington. A continuous damage path extended from that point to just north of M21. 8 barns were destroyed; 4 houses and 1 business were damaged. A path of intermittent light damage continued northward. A truck was blown off the road and rolled over 3 times south of Brant.

21 MINNESOTA

Dakota County:  
Farmington | 25 1520CST | 0 0 0 0 | Hail (2.0)  
Northwest Dakota Co. | 25 1530CST | 0 0 0 0 | Hail (0.75)  
Inver Grove Heights | 25 1535CST | 0 0 0 0 | Hail (2.5)

Washington County, Woodbury | 25 1545CST | 0 0 0 0 | Hail (1.75)

Two-inch diameter hail was reported from Farmington followed shortly by 3/4 inch hail reports scattered across northwest Dakota County. Tennis ball size hail followed at Inver Grove Heights in northeast Dakota County. The hail producing thunderstorms moved east and dropped golf ball size hail at Woodbury in southern Washington County.

Houston County, Spring Grove | 25 1630CST | 0 0 0 0 | Hail (0.75)

Kandiyohi County, Willmar | 25 1635CST | 0 0 0 0 | Hail (0.9)

Stearns County, Sauk Centre | 25 1708CST | 0 0 0 0 | Hail (0.75)

Pine County, 12E Hinkley | 25 1845CST | 0 1 4 0 | Thunderstorm wind  
Wind blew a roof off a shed and tipped over several semi-trailers. Trees in a 1/4 mile wide swath were knocked in all directions. A man was knocked down by the wind and required an arm cast.

Pine County, St. Croix State Park | 25 1900CST | 0 0 0 0 | Thunderstorm wind  
Wind toppled trees in the St. Croix State Park in Pine County, blocking several roads.

MN2004-009 Northeast | 25 Evening | 0 0 0 0 | High wind  
A low pressure center in south-central Minnesota along with a high pressure area in Ontario combined to produce high winds along and inland from Lake Superior. Winds of 60 miles per hour were recorded at the Duluth International Airport at 1824CST.

MINNESOTA

Nobles County | 26 1845CST | 10 40 | 0 2 6 0 | Tornado (F2)

A tornado crossed into Minnesota from Iowa at 1845CST southeast of Ellsworth. The tornado moved northeast to near Rushmore at 1915CST, and damaged 16 farm sites. Two women were hospitalized after seeking shelter in the basement of a farmhouse that was demolished. Another farm house was displaced from its concrete foundation. Other homes received damage ranging from broken windows and damage due to flying debris, to large portions of roofs torn away. Barns, sheds and silos were damaged at many of the farm sites. Debris was widely scattered up to 1 1/2 miles from the damaged areas. A number of livestock and poultry were also destroyed. Aerial photos showed circular paths scarred through saturated farmland.

Nobles County and Murray County | 26 1910CST | 0 0 5 0 | Thunderstorm wind

Wind damage occurred from central Nobles County into extreme southeast Murray County. Damage occurred at 6 farm sites just north of Interstate 90, midway between Worthington and Rushmore, and damage also occurred at three farm sites along Highway 59 east of Kinbrae. At 1940 CST, winds hit two farms in rural Fulda. Damage was mainly to farm outbuildings, trees and powerlines. Debris was scattered across fields in many cases.

Brown County, Springfield | 26 1940CST | 0 0 0 0 | Hail (1.75)

Cottonwood County | 26 1950CST | 0 0 4 0 | Thunderstorm wind

Winds destroyed 4 buildings at a farm five miles north of Bingham Lake. Building debris was scattered a mile east of the farm site and sheeting from a metal pole barn was wrapped around a tree.

Jackson County, Okabena | 26 1953CST | 0.1 50 | 0 0 4 0 | Tornado (F1)

A tornado damaged two homes on the south edge of Okabena. Many windows were broken and structural damage occurred in the first home. Ten windows were said to have exploded at the same time in the second home. Also, a garage collapsed on a car and resulted in a total loss of one camper and extensive damage to another.

Watsonwan County | 26 2015CST | 0 0 3 0 | Thunderstorm wind

Winds damaged a machine shed at a farm site four miles west of Godahl. Metal and wood debris was blown into a field east of the farm.

McLeod County | 26 2100CST | 0 0 4 0 | Thunderstorm wind (74)

Winds reached 74 miles per hour in Glencoe at 2100CST. Damage from these winds occurred in and directly west of the Glencoe area. A mobile home was tipped over. A barn was destroyed one mile west of Glencoe. Outbuildings were tossed about. Windows were broken and roofing material was blown away. A few structures were shifted on their foundations. A large highway sign on Highway 212 was twisted. Phone and power lines were downed. Small trees were uprooted and a 12-inch tree was snapped off.

Faribault County: 6 SW Blue Earth | 26 2115CST | 0 0 4 0 | Thunderstorm wind

Easton | 26 2120CST | 0 0 4 0 | Thunderstorm wind

Winds destroyed a barn southwest of Blue Earth in Pilot Grove township sometime between 2100 and 2200CST. Winds also damaged several farm buildings near Easton in Barber and Walnut Lake Townships.

Scott County | 26 2200CST | 0 0 0 0 | Thunderstorm wind

Winds knocked down trees along Highway 169.

Waseca County, Waseca | 26 2213CST | 0 0 0 0 | Thunderstorm wind (68)

Rice County | 26 2222CST | 0 0 0 0 | Thunderstorm wind (60), Hail (0.75)

Reports from southwest Rice County indicated winds of 60 miles per hour and hail 3/4 inch in diameter.

Steele County | 26 2225CST | 0 0 5 0 | Thunderstorm wind

Winds along the western edge of Steele County damaged farm buildings and equipment at four farm sites.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MINNESOTA</b>									
Hennepin County	26	2225CST			0	0	4	0	Thunderstorm wind
									Winds damaged the dome of the Hubert H. Humphrey Metrodome.
Waseca County, Alma City	26	2230CST			0	0	4	0	Thunderstorm wind
									Winds cut a swath of damage 1/2 mile long and 50 yards wide a mile east of Alma City. Four farm sites received damage. Two barns were extensively damaged. A large picture window was blown in and several outbuildings were destroyed.
Sherburne County, Clear Lake	27	1925CST	Short	5	0	0	2	0	Tornado (F0)
									A tornado touched down briefly just south of the city of Clear Lake. Panels of a satellite dish were ripped apart.
<b>22 MISSISSIPPI</b>									
Greenville, Washington County	8	1305CST			0	0	?	0	Hail (.75)
6 Miles South of Belzoni, Humphreys County	8	1349CST			0	0	?	0	Hail (1.00)
									Nickel to dime size hail fell about 6 miles south of Belzoni, near Silver City.
10 Miles North of Yazoo City, Yazoo County	8	1400CST			0	0	?	0	Hail (1.75)
									Golf ball size hail fell 10 miles north of Yazoo City, near Eden.
10 Miles West of Waynesboro, Wayne County	8	1630CST			0	0	4	0	Thunderstorm Winds
									High winds blew over trees and damaged several roofs 10 miles west of Waynesboro, in the town of Whistler.
Laurel, Jones County	8	1645CST	5.0	100	0	1	6	0	Tornado (F2)
									A tornado developed 3 miles west of the Laurel city limits and traveled southeastward before dissipating in the extreme southwest part of Laurel near the airport. The tornado was obscured by rain and golf ball size hail. Near the end of the track, 92 mph winds were recorded at the Civil Defense office. Heaviest damage occurred at the Northwest Jones High School where all buildings were damaged and 84 percent of the roof was destroyed. The estimate of damage to the school alone was at 1 million dollars. Other damage included 3 homes with major damage, 24 homes with moderate to minor damage, 4 mobile homes destroyed and 3 aircraft heavily damaged. Along the path of the tornado, a tremendous amount of damage occurred to timber, power lines and poles, and telephone and cable TV lines. Property damage was estimated at 244,000 dollars.
North of Iuka, Tishomingo County	8	1715CST			0	0	4	0	Hail (1.75)
									Golf ball size hail damaged several automobiles just north of Iuka.
South of Port Gibson, Claiborne County	12	0125CST			0	0	4	?	Hail (.75)
									Dime size hail fell south of Port Gibson, damaging roofs and gardens.
8 Miles North of Fayette, Jefferson County	12	0140CST			0	0	4	?	Hail (1.75)
									Golf ball size hail fell 8 miles north of Fayette or near Lorman, damaging roofs and gardens.
Union Church, Jefferson County	12	0200CST			0	0	?	0	Hail (1.75)
									Golf ball size hail fell at Union Church in eastern Jefferson County. Gardens were destroyed, some windows broken and roofs damaged.
Lincoln and Jefferson Counties	12	0205CST			0	0	?	0	Hail (1.75)
									Golf ball size hail fell along the Jefferson-Lincoln County line on Highway 28.
Brookhaven, Lincoln County	12	0220CST			0	0	?	0	Hail (1.00)
Lincoln and Lawrence Counties	12	0230CST			0	0	?	0	Hail (1.75)
									Golf ball size hail was reported on both sides of the Lincoln and Lawrence County border lines between Brookhaven and Monticello.
West of Port Gibson, Claiborne County	12	0250CST			0	0	?	0	Hail (1.75)
13 Miles South of Prentiss, Jefferson-Davis County	12	0300CST			0	0	?	0	Hail (.75)
									Dime size hail fell 13 miles south of Prentiss or about 1 mile north of the Marion County border on Highway 13.
<b>MISSISSIPPI</b>									
6 Miles North of Fayette, Jefferson County	12	0305CST			0	0	4	?	Thunderstorm Winds
									High winds knocked over some trees and unroofed a few buildings 6 miles north of Fayette or near the town of Red Lick.
8 Miles Northeast of Fayette, Jefferson County	12	0305CST	4	150	0	0	4	?	Tornado (F1)
									A tornado at the leading edge of a thunderstorm developed about 8 miles northeast of Fayette and moved slightly south of east. Many large trees were uprooted, and several homes and outbuildings were damaged. The tornado seemed to be riding at tree top level or the damage would have been much greater.
12 Miles Southwest of Monticello, Lawrence County	12	0315CST			0	0	?	?	Hail (.75)
									Dime size hail fell in southwestern Lawrence County 12 miles southwest of Monticello, near Topeka.
Port Gibson, Claiborne County	12	0315CST			0	0	?	?	Hail (.75)
North Columbia, Marion County	12	0320CST			0	0	?	?	Hail (1.75)
									Golf ball size hail fell in northern Columbia and to the northeast of Columbia.
Union Church, Jefferson County	12	0330CST			0	0	4	?	Hail (1.75)
									Golf ball size hail fell at Union Church, with gardens destroyed, roofs damaged and windows broken.
10 Miles East of Meadville, Franklin County	12	0400CST			0	0	4	?	Hail (.75)
									Golf ball size hail fell 10 miles east of Meadville at McCall Creek. The hail fell to a depth of 2 inches. Severe roof and window damage occurred.
Brookhaven, Lincoln County	12	0410CST			0	0	?	?	Hail (.75)
Brookhaven, Lincoln County	12	0415CST			0	0	?	?	Hail (1.00)
Brookhaven, Lincoln County	12	0420CST			0	0	5	?	Hail (1.75), Thunderstorm Winds
									Golf ball size hail and wind gusts up to 65 mph ripped through Brookhaven, causing extensive damage. Numerous west-side windows were blown out and numerous roofs damaged. Limbs and trees fell around town. One tree fell on a house, causing heavy damage. Crops and gardens in the area were generally destroyed.
Lincoln and Lawrence Counties	12	0420CST	24	100	0	0	6	3	Tornado (F2)
									At first a skinny tornado developed on the leading edge of a severe thunderstorm in Lincoln County about 6 miles southeast of Brookhaven. The tornado seemed to be traveling mostly at tree top level with most of the damage to trees. The width of damage increased as the tornado entered southwest Lawrence County, about 4 miles west of Topeka at 0428CST. The tornado continued to track southeastward and eventually dissipated in the extreme southeast portion of the county. Most of the damage was to timber, although 2 mobile homes were destroyed and 1 home received major damage. Another 20 homes had minor damage. Numerous trees were uprooted. High winds and large hail also occurred right after the passage of the tornado.
Lawrence and Walthall Counties	12	0432CST	7.0	100	0	0	5	3	Tornado (F1)
									Another tornado developed on the leading edge of the same severe thunderstorm mentioned above, but about 3 miles further south. The tornado first touched down in the extreme southwest part of Lawrence County near Bristers Store at 0432CST. The tornado moved through the town of Jayess and then crossed into north-central Walthall County at 0440CST and dissipated by 0443CST. This tornado was also riding at tree top level, with most damage to timber. About 10 homes received minor damage, mainly to the roof or top portion of the house. Large hail and high winds also occurred right after the passage of the tornado.
10 Miles South of Brookhaven, Lincoln County	12	0434CST			0	0	?	?	Hail (.75)
									Dime size hail covered the ground 10 miles south of Brookhaven, near the town of Norfield.
8 Miles Northeast of McComb, Pike County	12	0440CST			0	0	?	?	Hail (.75)
									Dime size hail covered the ground to a depth of 3 inches, 8 miles northeast of McComb at Pricedale.
16 Miles Northwest of Tylertown, Walthall County	12	0445CST			0	0	?	?	Hail (.75)
									Dime size hail covered the ground 16 miles northwest of Tylertown near the town of Enon.
Salem, Walthall County	12	0450CST			0	0	4	?	Hail (1.75), Thunderstorm Winds
									Golf ball size hail fell at Salem for 15 minutes, with roofs damaged and gardens destroyed. High winds also blew trees down in the area.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## MISSISSIPPI

12 Miles Southwest of Columbia, Marion County	12	0530CST			0	0	4	?	Hail (1.75)	Hail (1.75)
Golf ball size hail fell in southwest Marion County, 12 miles southwest of Columbia near Kokomo. Roofs and gardens were damaged.										
Raymond, Hinds County	19	1355CST			0	0	?	0	Hail (1.75)	Hail (1.75)
Marble size hail fell in Raymond, with a few stones as big as golf balls.										
4 Miles East of Centreville, Amite County	19	2320CST			0	0	?	0	Hail (.75)	Hail (.75)
Dime size hail fell in large numbers 4 miles east of Centreville. New fruit was knocked off trees and leaves were stripped off trees. Most gardens were heavily damaged.										

## 23 MISSOURI

Warrenton, Warren County	4	1620CST			0	0	0	0	0	Large Hail
Hail to 1 3/4 inch diameter fell in Warrenton.										
West Plains, Howell County	6	1440CST			0	0	5	3		Large Hail
Hail to 2 1/2 inch diameter hit the north edge of West Plains and produced considerable damage to automobiles and homes. The hail killed a lamb and was reported to have knocked an owl from a tree.										
West Plains, Howell County	6	1445CST			0	0	0	0		Large Hail
Hail to 3/4 inch diameter was reported over the remainder of West Plains.										
West Plains, Howell County	6	1450CST			0	0	0	0		Large Hail
Hail to 1 3/4 inch diameter was reported in West Plains.										
Couch, Oregon County	6	1520CST			0	0	?	?		Large Hail
Hail to 1 1/4 inch diameter near Couch was reported.										
Doniphan, Ripley County	6	1540CST			0	0	?	?		Large Hail
Hail, 3/4 to 1 1/2 inch in diameter, was reported in Doniphan and Fairdealing.										
Poplar Bluff, Butler County	6	1620-1625CST			0	0	4	?		Large Hail and Damaging TSTM Winds
Hail of 1 3/4 inch diameter was reported 6 miles south of Poplar Bluff and across southern Butler County, and some roof damage due to wind was also reported during a severe thunderstorm which was over the southern portion of the county.										
Catron, New Madrid County	6	1650CST			0	0	?	?		Large Hail
Hail to 2 3/4 inch diameter near Catron was reported.										
Hickory and Dallas Counties	7	0030CST			0	0	?	?		Large Hail
Hail to 1 3/4 inch diameter was reported around Highway P in southeast Hickory and northwest Dallas County.										
Buffalo, Dallas County	7	0040CST			0	0	?	?		Large Hail
Hail 1 to 1 1/2 inch diameter 10 miles north of Dallas was reported.										
Lebanon, LaCledde County	7	0125CST			0	0	0	0		Large Hail
Hail ranging in size from 1/4 to 1 inch diameter in Lebanon was reported.										
St. Louis County	7	1601CST			0	0	0	0		Large Hail
Hail 1/2 to 3/4 inch diameter in West St. Louis County was reported.										
Marshall, Saline County	7	1615CST			0	0	0	0		Large Hail
Hail to 3/4 inch diameter 7 miles northwest of Marshall was reported.										
Joplin, Jasper County	7	1840CST	1/2	50	0	0	0	0		Tornado (F1)
A tornado touched down in an open field just west of Joplin.										
Joplin, Jasper County	7	1845CST	3/4	50	0	0	2	0		Tornado (F1)
A tornado downed power lines in Joplin. This may have been the same tornado reported west of Joplin at 1840CST.										
Greene County	7	1851CST			0	0	0	0		Large Hail
Hail to 3/4 inch diameter in southwest Greene County was reported.										
Purdy, Barry County	7	1900CST			0	0	4	0		DMNG TSTM Wind, Large Hail
A severe thunderstorm with damaging winds produced damage to a roof and twisted signs. The storm may have contained a small tornado. Hail to 1 3/4 inch diameter was reported.										

## MISSOURI

Springfield, Greene County	7	1915CST			0	0	?	?	?	Large Hail
Hail to 1 3/4 inch diameter in northern Springfield and southern Springfield was reported.										
Pineville, McDonald County	7	2000CST			0	0	3	0		DMNG TSTM Wind
A severe thunderstorm with damaging winds produced minor damage near Pineville.										
Rogersville, Webster County	7	2000CST			0	0	0	0		Large Hail
Hail to 3/4 inch diameter 5 to 6 miles north of Rogersville was reported.										
Rich Hill, Bates County	7	2024CST			0	0	?	?		Large Hail
Hail to 1 3/4 inch diameter in Rich Hill was reported.										
Vernon County	7	2034CST			0	0	?	?		Large Hail
Hail to 1 3/4 inch diameter was reported in Vernon County (northern) south of Rich Hill.										
Jasper County	7	2040CST			0	0	0	0		Large Hail
Hail to 3/4 inch diameter west of Joplin was reported.										
Barton County	7	2115CST			0	0	0	0		Large Hail
Hail, 1 to 1 1/2 inches in diameter, was reported in the eastern portion of the county.										
Lamar, Barton County	7	2133CST			0	0	3	0		DMNG TSTM Wind
A severe thunderstorm with damaging wind produced structural damage to a building near Lamar.										
Jane, McDonald County	7	2200CST	1/2	50	0	0	?	?		Tornado (F1)
A tornado was on the ground in an open field near Jane and was reported to be moving toward Arkansas.										
Carrollton, Carroll County	27	2030CST			0	0	3	0		DMNG TSTM Wind
Severe thunderstorm winds downed trees and power lines in Carrollton.										

## 24 MONTANA

Blaine County	12	Night			1	1				Blizzard
Two motorists whose vehicle became stuck in deep drifts attempted to walk to safety. One died from exposure and the other suffered frostbite. Numerous young livestock were killed during the storm due to wet snow and winds.										

## 25 NEBRASKA

NEZ001-005-011 Panhandle Nebraska	03- Afternoon-04 to Early Morning				1	0	6	2		Heavy Snow
Snow of 6 inches or more fell south of a line from Lyman to Lodgepole and in an area north of a line from Harrison to Hemingford to Gordon. Heaviest snowfalls included 12 inches at Crawford, Harrisburg, and north of Bushnell. Strong winds caused blowing and drifting snow with near blizzard conditions at times. Snow drifted to depths of 6 feet around Kimball. Winds gusted as high as 60 m.p.h. at Scottsbluff at 1233CST. The combination of snow and wind resulted in many power outages. Around 90 power poles were reported down in the southern panhandle. I-80 and portions of other highways were closed in the southern panhandle. A man died of exposure 3 1/2 miles north of Harrison when he tried to walk to a home from a stalled truck. M570										
Lincoln County	03	1610CST	2.0	50	0	0	4	?		Tornado (F1)
Tornado touched down 7 miles south-southeast of the North Platte airport and moved northwest to 5 miles south of the airport. Damage to garages, sheds, irrigation systems and trees occurred. 5 miles south of North Platte, a mobile home was damaged and a tool shed demolished.										
Lincoln County	03	1642CST	0.1	15	0	0	1	0		Tornado (F0)
A tornado touched down briefly 1 mile south of Maxwell.										
Dawson County	03	1710CST	1.0	40	0	1	5	0		Tornado (F1)
A tornado touched down about 3 miles east of Sumner and moved west about 1 mile, destroying a barn and Quonset huts. A woman was injured when she was thrown from her car which was hit by the tornado 3 miles east of Sumner.										
Dawson County	03	1710CST	0.5	40	0	0	4	0		Tornado (F1)
A tornado touched down 5 miles northwest of Eddyville and moved west a half mile, damaging a garage and vehicle.										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## NEBRASKA

Custer County	03 1730CST	1.5	35	0	0	5	1	Tornado (F2)	A tornado touched down 5 miles west of Oconto and moved northwest 1½ miles, damaging two farm homes, a barn, outbuildings, trees and utility lines. Ten head of cattle were killed.
Lincoln County	03 1753CST	0.1	15	0	0	0	0	Tornado (F0)	A tornado moving to the west touched down briefly 3 miles east of the North Platte airport.
York County	03 1803CST	0.1	20	0	0	0	0	Tornado (F0)	A tornado touched down briefly in an open field 5 miles southwest of York, causing no damage.
Douglas County	03 2030CST			0	0	4	0	Lightning	Lightning struck 2 Omaha homes, damaging roofs, siding and wiring.
Kearney County	13 1612CST	5.0	40	0	0	5	0	Tornado (F2)	A tornado touched down 2 miles west and 3 miles north of Minden and skipped 5 miles to the northeast. A semi-truck was blown over, trees uprooted, and power lines were downed.
Kearney County	13 1631CST	0.5	30	0	0	1	0	Tornado (F1)	A tornado touched down 1 mile south of Minden and moved northeast. No significant damage occurred.
Buffalo County	13 1632CST	0.1	20	0	0	3	0	Tornado (F0)	A tornado touched down briefly on a farm 3 miles west and 9 north of Riverdale, uprooting trees and causing minor outbuilding damage.
Hall County	13 1635CST	1.5	20	0	0	4	0	Tornado (F1)	A tornado 1 mile south and 2 miles west of Alda damaged 3 farm buildings and uprooted trees as it moved northeast.
Hall County	13 1635CST	0.1	20	0	0	1	0	Tornado (F0)	A tornado was reported to have touched down near Doniphan, with no apparent damage having occurred.
Nuckolls County	13 1750CST			0	0	0	0	Funnel Cloud	A funnel cloud was reported by Civil Defense 6 miles south of Nelson.
Nuckolls County	13 1808CST			0	0	0	0	Funnel Cloud	A funnel cloud was sighted near Nora by Civil Defense.
Thayer County	13 1812CST			0	0	1	0	Hail (0.75)	Three-quarter inch hail fell at Deshler, with no reported damage having occurred.
York County	13 1930CST	0.3	20	0	0	4	0	Tornado (F1)	A tornado touched down 2 miles east of York and moved northeast, damaging outbuildings and uprooting trees.
NEZ004-009 Northeast Nebraska	14 0100CST-0300CST			0	0	2	0	High Wind (50)	Strong north winds were reported across northeast Nebraska. A peak gust to 59 m.p.h. was recorded at Norfolk at 0117CST.
NEZ002-003-004 008-009 North-Central and Northeast Nebraska	14 0500CST-1600CST			10	0	7	7	Blizzard High Wind (63)	An intensive blizzard raked north-central and northeast Nebraska with wind gusts of 60 to 75 m.p.h., causing near zero visibility in blowing and drifting snow. Peak wind gusts of 72 m.p.h. were reported at Ord at 1245CST, 67 m.p.h. at Norfolk at 1407CST, 65 m.p.h. at Valentine at 0953CST, and 63 m.p.h. at Ainsworth at 1150CST. Travel was extremely hazardous and difficult, with many drivers becoming stranded with wind chills below zero. Five to fifteen foot drifts were reported in counties near the South Dakota border. A man was found dead in a truck that became stuck in snow 7 miles northeast of Pierce. An elderly woman was found dead of exposure in a yard in O'Neill. A man and woman were found dead in a car covered by 4 to 8 foot drifts near Santee. A Norfolk man died, walking to his home from a stalled vehicle. Five men were killed in a plane crash shortly after takeoff just southeast of Norfolk at around 1030CST. Numerous livestock were killed. The winds with the blizzard damaged roofs, utility lines, trees, signs and sheds. Siding and shingles of buildings were damaged at Hartington and Creighton. Windows were blown out of buildings at Valentine and Wausa. A car wash was damaged at Laurel. Some of the larger snow amounts from the storm included 7" at Creighton and Center, 6" at Wausa, Stanton, Hartington, Pierce and Norfolk and 5" at Bloomfield and Tilden, and 4" at Wayne, Pilger, Neligh, Laurel and Bassett. Freezing temperatures with readings in the 20's spread across Nebraska during the 14th and 15th with the storm. This resulted in heavy freeze damage to vegetation that was a number of weeks ahead of schedule because of earlier warm weather. M60V, F780, M580, M27V, F29V. Note-age of aircraft occupants not included.

## NEBRASKA

NEZ001-005-006-007-011-012-013-014-016-017-018 West and South Nebraska	14 0500CST	0	0	7	5	High Wind (63)	Winds gusting 60 to 72 m.p.h. blasted west and south Nebraska, causing damage to utility lines, trees, roofs, signs, windows, and farm outbuildings. Some of the damage included windows blown out of a radio station and satellite dishes damaged around Broken Bow, and a 12,000 gallon fuel tank rolled a number of miles north of Tryon. A roof was blown off a trailer home at Grand Island and at Aurora a storage shed was damaged and a portion of roof was blown off a manufacturing building. The winds kicked up clouds of dust from Deuel County in the south panhandle to Hitchcock and Red Willow Counties in southwest Nebraska, creating at times, visibility of less than an eighth of a mile. Peak gusts included Broken Bow 72 m.p.h. at 1048CST, Ord 72 m.p.h. 1245CST, Chadron 70 m.p.h. 1037CST, Mullen 67 m.p.h. 0950CST, Cozad 65 m.p.h. 1050CST, Grand Island 65 m.p.h. 0745CST, Kearney 63 m.p.h. 0829CST, Scottsbluff 62 m.p.h. 1209CST, Alliance 61 m.p.h. 1255CST, North Platte 61 m.p.h. 1022CST, McCook 61 m.p.h. 1214CST, Sidney 60 m.p.h. 0944CST, Imperial 58 m.p.h. 1048CST, and Columbus 58 m.p.h. 1250CST.		
NEZ010-015-019 Southeast Nebraska	14 1100CST-2030CST			0	0	4	1	Damaging Winds	Winds gusting 45 to 55 m.p.h. caused some damage to utility lines and trees around Lincoln, Beatrice and Omaha. Snow showers and blowing snow caused reduced visibility at times. A green house and large sign were damaged at Omaha. A business building was damaged at Beatrice.
Jefferson County	14 1905CST			0	0	3	2	Thunderstorm Wind and Hail (1.5)	One and a half inch hail and wind was reported 7 miles northwest of Fairbury, with trees blown down.
Saline County	14 1907CST			0	0	2	1	Hail (1.5)	One and a half inch hail was reported 2 miles south of Dorchester, with minor damage.
Keith County	17 1535CST	0.1	15	0	0	1	0	Tornado (F0)	A tornado touched down 1 mile northeast of Ogallala, briefly. No damage was reported.
Frontier County	17 1619CST			0	0	0	0	Funnel Cloud	A funnel cloud was reported 3 miles northeast of Curtis.
Lincoln County	17 1730CST	0.2	25	0	0	1	0	Tornado (F0)	A tornado moving to the northeast touched down briefly 5 miles south of the North Platte airport. Only minor damage occurred.
Dawson County	17 1740CST			0	0	1	1	Hail (1.5)	One and a half inch hail fell briefly at Darr.
Gosper and Dawson Counties	17 1740CST			0	0	4	1	Thunderstorm Wind (61) and Hail (1.5)	Seventy m.p.h. winds and 1½ inch hail hit the west end of Johnson Lake. Trees were blown over, several doors torn off buildings and shingles blown off houses.
Gosper County	17 1800CST			0	0	3	0	Thunderstorm Wind (61)	Two miles south of Elwood, a roof was blown off a shed and a garage moved off its foundation by strong winds. Large tree limbs were also broken.
Lincoln County	17 1802CST			0	0	0	0	Funnel Cloud	A funnel cloud was reported 9 miles east of North Platte.
Furnas County	17 1815CST			0	0	3	0	Thunderstorm Wind (61)	Winds to 70 m.p.h. blew over trees at Beaver City and broke limbs at Arapahoe.
Keith County	17 1830CST			0	0	1	0	Hail (1.5)	One and a half inch hail was reported near Brule with no damage.
Furnas and Harlan Counties	17 1835CST			0	0	4	1	Thunderstorm Wind and Hail (1.5)	Strong winds and 1½ inch hail did damage to trees in both counties around the Oxford area. The wind destroyed a shelter house east of Oxford.
NEZ011 Panhandle Nebraska	17- Evening-18 Morning			0	0	5	1	Heavy Snow	Heavy snow fell in the south panhandle, with around 12 inches at Kimball, 6 inches at Dalton and Potter, and 5 inches at Sidney. Highways closed at Kimball. Forty to forty-five m.p.h. winds combined with the wet snow to damage utility lines, poles and tree limbs. Utility damage was also reported around Alliance and Scottsbluff where lighter snow of 3 inches fell.
NEZ001-006 North Panhandle and North-Central Nebraska	19 Middy			0	0	1	1	High Wind (53)	Winds gusted to 61 m.p.h. at Chadron and to 60 m.p.h. at Mullen. No significant damage was reported.
NEZ009 Northeast Nebraska	20 1258CST			0	0	1	0	High Wind (50)	Wind gusted to 58 m.p.h. in a rain and sleet shower at Norfolk, with no damage being reported.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>NEBRASKA</b>									
Lincoln County	23	1900CST			0	0	3	0	Damaging Wind
									Strong wind ripped the roof off a mobile home 2 miles south of Hershey.
Phelps County	23	2030CST			0	0	0	0	Funnel Cloud
									A funnel cloud was reported 6 miles north and 2 west of Holdrege.
Rock County	24	2100CST			0	0	4	3	Hail (1.5) and Flash Flood
									One and a half inch hail damaged windows, cars and crops. Heavy rain 8 miles north of Newport washed out county roads.
Butte County	24	2100CST			0	0	5	2	Thunderstorm Wind (65)
									Seventy to eighty m.p.h. winds blew down a machine shed 4 miles west of Butte. Winds also downed power lines around Naper and forced a semi-truck with cattle off a road.
Dawes County	24	2130CST			0	0	2	1	Hail (1.5)
									One and a half inch hail fell at Crawford, with minor damage being reported.
Holt County	26	1905CST			0	0	4	3	Hail (2.0)
									One to two inch hail fell 15 miles northwest of O'Neill to 17 miles north of O'Neill, doing damage to buildings, cars and crops.
Hamilton County	26	1603CST			0	0	2	1	Hail (1.25)
									One and a quarter inch hail fell just north of Hampton, causing minor damage.
Hamilton County	26	1624CST			0	0	4	2	Thunderstorm Wind (56) and Hail (1.5)
									One and a half inch hail and 65 m.p.h winds were reported 8 miles south and 2 miles east of Aurora.
York County	26	1625CST			0	0	4	3	Hail (3.0)
									Three inch hail fell around Benedict, damaging vehicles' roofs and crops.
Clay County	26	1625CST			0	0	2	1	Hail (1.0)
									One inch hail was reported at Glenville with minor property damage.
Merrick County	26	1630CST			0	0	4	1	Thunderstorm Wind
									Winds took the roof off of a barn and damaged outbuildings and irrigation systems on farms north of Clarks. Two hogs were killed.
Polk County	26	1634CST			0	0	3	1	Hail (1.5)
									One and a half inch hail was reported at Osceola with some property and crop damage.
Madison, Stanton, Pierce and Wayne Counties	26	1700CST-1730CST			0	0	6	3	Thunderstorm Wind (53) and Hail (1.5)
									Wind gusts to 61 m.p.h. were recorded at the Norfolk airport. They did building damage in town that included a 35-foot awning. 1.5 inch hail damaged roofs, cars, siding and windows of/at homes and businesses in Norfolk and Woodland Park. Hail also damaged roofs in Madison. Around Pierce, 1 1/2 inch hail damaged siding and broke windows. Also around Pierce, winds collapsed farm machine sheds, took the roof off a barn and shed, and moved a garage off a foundation.
Butler County	26	1800CST			0	0	3	1	Thunderstorm Wind
									Wind destroyed a metal shed and broke tree branches at Rising City.
Dakota County	26	1810CST			0	0	4	1	Thunderstorm Wind
									Wind gusts 1/2 mile north and 1 1/2 mile west of Hubbard blew a roof off of farm buildings, blew out windows, moved a garage off of a foundation and damaged trees.
Burt County	26	1900CST			0	0	0	0	Funnel Cloud
									A funnel cloud was reported by the sheriff just north of Tekamah.
Burt County	26	1900CST			0	0	4	1	Thunderstorm Wind
									Wind demolished a hog building just south of Decatur, killing 2 hogs and injuring 2. A farm storage shed was damaged and trees blown over just west of Decatur.
Thayer County	26	1908CST	10.0	40	0	0	5	1	Tornado (F2)
									A tornado touched down just east of Hebron and skipped along a path of about 10 miles to the northeast. A farm house and out-buildings were destroyed. A garage was also demolished. Another home was damaged, as were trees and utility lines.
Colfax County	26	1930CST			0	0	3	2	Hail (0.75)
									Three-quarter inch hail fell 5 miles north of Schuyler, causing minor damage to cars and crops.
Lancaster County	26	1935CST			0	0	3	0	Hail (1.0)
									One inch hail 10 miles west of Lincoln damaged some property and crops.
Seward County	26	1955CST	0.1	20	0	0	2	1	Tornado (F0)
									A tornado touched down briefly 1 mile south and 2 miles west of Pleasant Dale, damaging trees.
<b>NEBRASKA</b>									
Cass County	26	2125CST			0	0	4	1	Thunderstorm Wind (65)
									Winds gusted to around 75 m.p.h. just east of Greenwood, causing damage to trees and signs. At Plattsmouth, winds toppled trees and damaged shingles.
Douglas County	27	1705CST			0	0	5	1	Thunderstorm Wind (53)
									Winds broke tree limbs, blew out windows, damaged shingles and siding on buildings, and damaged utility lines on the northeast side of Omaha. A vehicle was damaged by fallen trees. A wind gust to 61 m.p.h. was measured at a southwest Omaha TV studio.
NEZ019 Southeast Nebraska	28-	Morning-30 Evening			0	0	3	?	Flood
									Two to four inch rains in head waters forced the Little Blue River at Fairbury 1.5 feet over flood stage on the 28th and Turkey Creek at Wilber to a crest of 4 feet over flood stage on the 30th. Rural lowland flooded.
Polk County	30	0410CST			0	0	2	0	Hail (1.0)
									One inch hail fell around Osceola, and minor damage to property was reported.
Butler County	30	0510CST			0	0	2	0	Hail (1.0)
									One inch hail was reported around Brainard with some damage to property.
Saunders County	30	0530CST			0	0	4	3	Hail (2.75)
									Two and three-quarter inch hail fell just north of Cedar Bluffs, damaging vehicles, roofs and crops.
Douglas County	30	0630CST			0	0	4	1	Hail (1.5)
									One and a half inch hail fell in west Omaha, causing damage to vehicles and some roofs of buildings.
<b>26 NEVADA ——— NONE REPORTED</b>									
<b>27 NEW HAMPSHIRE ——— NONE REPORTED</b>									
<b>28 NEW JERSEY, Northern</b>									
NJZ001 Northwest New Jersey	23	Morning-Afternoon			0	0	0	0	Heavy snow
									A late April storm dumped 14-20 inches of snow across northwest New Jersey. Restricted visibilities and hazardous road conditions contributed to many, but mainly minor accidents. The snow melted during the next couple of days as mild air moved into the area. Rivers handled the rapid runoff, and no flooding was reported.
<b>28 NEW JERSEY, Southern ——— NONE REPORTED</b>									
<b>29 NEW MEXICO</b>									
Rio Arriba County	14	0300-0700 MST			0	0	0	5	Damaging Freeze
									The apple crop in this county was hit hard by the freeze which followed an unseasonably warm February and March. About 80-90% of the apple crop was wiped out by the freeze.
Valencia County, 5 miles south of Belen	24	1500-1600 MST			0	0	5	0	High Wind
									Four greenhouses were struck by high winds which collapsed the building frames before the roofs were torn off.
<b>30 NEW YORK, Coastal ——— NONE REPORTED</b>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

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					KILLED	INJURED	PROPERTY	CROPS	
<b>30 NEW YORK, Central</b>									
NYZ006-009-010-013-019-020	23	1000EST			1	0	5	5	Snowstorm
			A late winter snowstorm blanketed the southeastern portion of New York with up to 20 inches of snow. The heaviest snowfall occurred in the mountains of Ulster and Sullivan Counties. One death was reported on Rt 28, where strong gusty winds whipped up snow and created poor visibility. Fruit growers braced for subfreezing temperatures but, gusty winds kept the temperatures near 32 degrees. Fruit growers did have helicopters and smudge pots ready, but they were not needed. The high winds did knock down trees and powerlines over most of the lower Hudson Valley and Catskills.						
Catskill, Greene County	29	Unknown			0	0	4	0	Flash Flood
			Torrential downpours flooded a large farm retaining pool and caused the failure of an earthen dam. The pool held an estimated 1/4 million gallons of water after the flood.						
<b>30 NEW YORK, Western</b>									
NYZ022 Chautauque and Cattaraugus Counties	10	Morning			0	0	4	0	Snow
			Up to 6 inches of snow fell. Morning commuters were delayed. Numerous traffic accidents involving personal injuries and property damage occurred. One of these accidents was fatal to a motorist in Kiantona. Aggravating the slippery driving conditions were major potholes that began to show from earlier thaws.						
NYZ022 Chautauque County	22 & 24				0	0	0	4	Cold
			Temperatures in the mid-twenties destroyed sweet and sour cherry crops. The same crop-damaging temperatures again occurred on the 24th.						
<b>31 NORTH CAROLINA</b>									
Durham County	06	1800EST			0	1	3	0	Thunderstorm Winds
Durham County	06	1823EST			0	0	3	0	Thunderstorm Winds
Franklin County	06	1855EST			0	0	0	0	Thunderstorm Winds
			A severe thunderstorm moved through parts of the Piedmont, blowing down trees and power lines. Most damage was reported in the city of Durham where a man was slightly injured when the top was blown out of a tree, hitting him in the head. Trees were blown across Road 1003 near Micheners Crossroads in Franklin County.						
New Hanover County	08	1332EST			0	0	?	0	Thunderstorm Winds (50)
			Thunderstorm wind gusts reaching 50kts were recorded at the U.S. Coast Guard Station at Wrightsville Beach. Also, trees were blown down at a golf course on the south side of Wilmington.						
Currituck County	13	1515EST			0	0	0	0	Funnel Cloud
			A small, rope-like funnel appeared from a thunderstorm for a few minutes.						
Davidson County	26	1600EST			0	0	?	0	Lightning
			Just south of Thomasville, a furniture plant was nearly destroyed after being struck by lightning. Seven firefighters were overcome by smoke and heat while fighting the fire.						
Forsyth County	26	1625EST			0	0	0	0	Hail (.88)
Davidson County	26	1637EST			0	0	0	0	Hail (.88)
			Nickel size hail fell between Lexington and Denton in Davidson County, and in the western part of Forsyth County.						
Stanly County	26	1715EST			0	0	5	3	Thunderstorm Winds
Stanly County	26	1805EST			0	0	?	0	Thunderstorm Winds
			A large, severe thunderstorm moved south through Stanly County causing widespread damage. Many trees were blown down, as were power lines. A tree fell on a mobile home at New London, completely destroying it. A roof of a discount store was damaged, causing water damage to some merchandise. Marble-sized hail stayed on the ground for two hours following the storm. Most damage was reported in the Albermarle area.						
<b>NORTH CAROLINA</b>									
Person County	26	1800EST			0	0	0	0	Hail (1.00)
Alamance County	26	1805EST			0	0	?	?	Hail (1.75), Thunderstorm Winds
Durham County	26	1810EST			0	0	0	0	Hail (1.00)
Durham County	26	1830EST			0	0	0	0	Hail (1.00)
Chatham County	26	1840EST			0	0	?	?	Hail (1.50)
Orange County	26	1900EST			0	0	3	0	Thunderstorm Winds (80)
Orange County	26	1910EST			0	0	?	?	Hail (1.75)
			Severe thunderstorms moved from north to south over much of the Piedmont. Hail ranging in size from marble to quarter size covered the ground at the water plant at Roxboro in Person County. The storms continued south, moving through the city of Durham with several reports of large hail. Another storm moved across much of Orange County. Downburst winds of (estimated) 80 knots snapped trees and destroyed some outbuildings at the Lockridge Community in Orange County, near the Durham border at 1900EST. This was followed by a report of golfball size hail at the Efland Community 12 miles west of the first report, at 1910EST. A severe thunderstorm marched across Chatham County, producing large hail.						
Mecklenburg County	26	1945EST			0	0	0	0	Hail (.75)
			3/4 inch diameter hail was reported at Pineville.						
Cleveland County	26	1945EST			0	0	3	0	Thunderstorm Winds
			At Shelby, the roofs of a barn and a utility building were ripped off, and several trees were blown down. Similar damage to trees was reported in several places in the county.						
Chatham County	26	1920EST			0	0	0	0	Hail (.75)
Harnett County	26	1945EST			0	0	0	0	Hail (.75)
Lee County	26	2015EST			0	0	0	0	Hail (.75)
Chatham County	26	2025EST			0	0	0	0	Thunderstorm Winds
			Two more severe thunderstorms developed in Chatham County and then moved into Lee and Harnett Counties. A fire department in extreme northeast Chatham County reported dime size hail, and trees were blown down at Corinth in extreme southern Chatham County. A detective reported dime size hail in the Northview area of Lee County, and an employee of Campbell University reported the same between Lillington and Bules Creek in Harnett County.						
NCZALL		Late April			0	0	0	?	Dry Weather Freezes
			Several late April freezes and the second dry spring in as many years damaged some crops across the state. Strawberries seemed to be hard hit.						
<b>32 NORTH DAKOTA</b>									
NDZ001-002-003-004-005-006-007-008-010-011-012-013-014-017-018	13	Morning to Night			0	0	6	0	Blizzard, Heavy Snow, Ice Storm
West, Central, East-Central and Southeast			A major storm dumped 10 to 20 inches of snow over most of North Dakota. The snow began in the northwest, early morning of the 13th, and spread over the west half of the state by late afternoon. By the morning of the 14th, the snow had combined with northwest winds occasionally gusting over 40 mph. This created near blizzard conditions in many areas. The storm subsided in the west during the afternoon and evening of the 14th.						
			In the east half, the precipitation began as rain on the 13th. Over two inches of rain fell in parts of extreme southeast North Dakota. The rain became freezing rain, then changed to snow by the 14th. A blizzard developed over east-central North Dakota, the morning of the 14th, with winds gusting over 50 mph. The blizzard prevailed over the east-central section into the night. Storm conditions subsided over the east half of North Dakota by midnight of the 14th.						
			This snowstorm blocked roads and stranded motorists, caused school and business closings, and did considerable damage to trees. In the southeast, ice and snow buildups on trees and power lines caused an estimated \$500,000 in damage and about 2,000 people were without power.						
			Near Litchville (Barnes County), in southeast North Dakota, the roof of a farm shed collapsed under the weight of the snow.						
			The storm also caused livestock losses and delayed crop seeding.						
			A motorist suffered a fatal heart attack while shoveling snow.						
Richland County, Wahpeton 158W	25	1345CST			0	0	0	0	Hail (0.75)
			3/4 inch hail was reported by law enforcement officials.						
Grand Forks County, Grand Forks	30	1643CST			0	0	0	0	ISM. Wind (50)
			A wind speed of 58 mph was recorded at the Grand Forks airport.						

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					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## 33 OHIO

Montgomery County	20 1815EST	0	0	4	0	Thunderstorm Wind		A thunderstorm damaged mobile homes around the town of Moraine.	
Clark County	20 1845EST	3.5	25	0	6	5	0	Tornado (F1)	
	A tornado touched down 6 miles east of Springfield. The storm immediately struck a trailer park where all the injuries occurred. Sixteen mobile homes were destroyed and 8 others damaged. Little damage occurred outside the trailer park.								
Franklin County	20 1935EST	-	-	4	0	Thunderstorm Wind		A 75 mph wind was observed at Bolton Field in the southwest part of Columbus.	
Union County	20 1957EST	0	0	4	0	Thunderstorm Wind		A thunderstorm destroyed a barn and a semi-trailer, and home roofs. Most of the damage was about 2 miles north of Plain City.	
Richland County	20 2045EST	0	0	4	0	Thunderstorm Wind		The Mansfield airport reported winds gusting to 60 mph.	
OHZ002 Huron and Erie County	20 2200EST	0	0	?	0	Flood		The Huron River began flooding near Milan. The river crested at a stage of 17.6 feet (flood stage 14 feet) at Milan at 0700 EST on the 21st. Little damage occurred.	
OHZ006 Marion County	21 1900EST	0	0	?	0	Flood		The Scioto River went into flood near LaRue. The river crested close to the flood stage of 14 feet and there was little or no damage.	
OHZALL	23 Early Morning	0	0	0	?	Freeze		Temperatures fell well into the 20s over most of the state, and record lows were set in many areas. The freeze caused substantial damage to orchards and vineyards.	

## 34 OKLAHOMA

Caddo County	03 0948CST	0	0	?	?	Hail (1.75)
Stephens County	03 1040CST	0	0	?	?	Hail (.75)
Grady County	03 1045CST	0	0	?	?	Hail (1.50)
Canadian County	03 1113CST	0	0	?	?	Hail (.75)
Grady County	03 1120CST	0	0	?	?	Hail (1.75)
Oklahoma County	03 1120CST	0	0	?	?	Hail (1.75)
McClain County	03 1140CST	0	0	?	?	Hail (.75)
Cleveland County	03 1150CST	0	0	?	?	Hail (1.00)
Cleveland County	03 1200CST	0	0	?	?	Hail (1.00)
Grady County	03 1200CST	0	0	?	?	Hail (1.00)
McClain County	03 1202CST	0	0	?	?	Hail (1.75)
Stephens County	03 1205CST	0	0	?	?	Hail (1.00)
Cotton County	03 1230CST	0	0	?	?	Hail (2.75)
Payne County	03 1240CST	0	0	?	?	Hail (.88)
McClain County	03 1250CST	0	0	?	?	Hail (.75)
Cleveland County	03 1305CST	0	0	?	?	Hail (1.25)
Oklahoma County	03 1309CST	0	0	?	?	Hail (1.50)
Cleveland County	03 1331CST	0	0	?	?	Hail (1.00)
Cleveland County	03 1337CST	0	0	?	?	Hail (1.00)
Stephens County	03 1337CST	0	0	?	?	Hail (.75)
Cleveland County	03 1340CST	0	0	?	?	Hail (.75)
Garvin County	03 1419CST	0	0	?	?	Hail (1.00)
Pottawatomie County	03 1430CST	0	0	?	?	Hail (.75)
Cleveland County	03 1430CST	0	0	?	?	Hail (.75)
Stephens County	03 1445CST	0	0	?	?	Hail (.75)
Lincoln County	03 1446CST	0	0	?	?	Hail (.75)
Garvin County	03 1512CST	0	0	?	?	Hail (.75)
Garvin County	03 1530CST	0	0	?	?	Hail (.75)
Pottawatomie County	03 1611CST	0	0	?	?	Hail (.75)
Love County	03 1700CST	0	0	?	?	Hail (.88)
Love County	03 1715CST	0	0	?	?	Tstm. Wind
Marshall County	03 1750CST	0	0	?	?	Tstm. Wind
Marshall County	03 1800CST	0	0	?	?	Hail (.75)
Marshall County	03 1810CST	0	0	?	?	Hail (.75)
Bryan County	03 1840CST	0	0	?	?	Tstm. Wind
Bryan County	03 1900CST	0	0	?	?	Hail (.88)
Atoka County	03 1930CST	0	0	?	?	Hail (.75)
Atoka County	03 1945CST	0	0	?	?	Hail (.75)
Choctaw County	03 1806CST	0	0	?	?	Hail (1.75)
Choctaw County	03 2015CST	0	0	?	?	Hail (.75)
Pushmataha County	03 2030CST	0	0	?	?	Hail (.75)

Hail 3/4 inch to golfball size fell over central and southern sections. Hail the size of pool balls fell 3 miles north of Temple in Cotton County. Thunderstorm winds partially destroyed boat docks at a resort on the west side of Lake Texoma in Marshall County. Twenty boats were lost.

## OKLAHOMA

Bryan County	03 2000-2200CST	0	0	?	?	Flash Flooding
Four to five inch rains in a few hours caused flooding in Durant and several areas of Bryan County. Water up to 3 feet deep occurred in Durant, causing one woman to be evacuated. U.S. 70 near Mead was closed a short time due to the flooding.						
Garvin County	04 0045CST	0	0	?	?	Hail (.75)
McClain County	04 0110CST	0	0	?	?	Hail (1.25)
McClain County	04 0125CST	0	0	?	?	Hail (1.75)
Cleveland County	04 0125CST	0	0	?	?	Hail (.88)
Cleveland County	04 0130CST	0	0	?	?	Hail (.75)
LeFlore County	04 1340CST	0	0	?	?	Hail (1.00)
Choctaw County	04 2247CST	0	0	?	?	Hail (.75)
Hail ranging from 3/4 inch to golfball size fell across central and eastern sections.						
Sequoyah County	04 1000-1500CST	0	0	?	?	Flooding
Five to six inch rains in two days caused Vian Creek and Pinhook Creek to flood areas around Vian. Two sections of the main water line to Vian were washed out, cutting service to 7000 users. A car was washed off the road south of Vian, but the driver escaped. Several head of cattle were also lost.						
Latimer County	04 1200-1600CST	0	0	?	?	Flooding
Heavy rains of the past two days caused several small creeks to overflow Highway 270 between Wilburton and Red Oak. The highway was closed for several hours.						
Pottawatomie County	05 1615CST	0	0	?	?	Hail (.88)
Pottawatomie County	05 1625CST	0	0	?	?	Hail (.88)
Pawnee County	05 1755CST	0	0	?	?	Hail (2.00)
Oklahoma County	05 1805CST	0	0	?	?	Hail (.75)
Payne County	05 2040CST	0	0	?	?	Hail (.75)
Hail, 3/4 to one inch, fell across central sections, with 2 inch size hail falling near Hallett in Pawnee County.						
Harper County	06 1745CST	0	0	?	?	Hail (1.75)
Woods County	06 1830CST	0	0	?	?	Hail (1.25)
Harper County	06 1855CST	0	0	?	?	Hail (1.00)
Woods County	06 1920CST	0	0	?	?	Hail (1.75)
Woodward County	06 1930CST	0	0	?	?	Hail (.75)
Woods County	06 2000CST	0	0	?	?	Hail (1.75)
Woods County	06 2045CST	0	0	?	?	Hail (.75)
Woods County	06 2125CST	0	0	?	?	Hail (1.00)
Hail 3/4 inch to golfball size fell over northwestern sections.						
Nowata County	07 1655CST	0	0	?	?	Hail (.75)
Mayes County	07 1744-1755CST	5	100	0	0	5 ? Tornado (F2)
Mayes County	07 1807CST	0	0	?	?	Hail (4.00)
Craig County	07 1808CST	0	0	?	?	Hail (1.75)
Delaware County	07 1904CST	0	0	?	?	Hail (1.00)
Delaware County	07 1920CST	0	0	?	?	Hail (.75)
Craig County	07 2310CST	0	0	?	?	Hail (1.75)
Delaware County	07 2341CST	0	0	?	?	Hail (1.75)
Hail up to golfball size and strong winds occurred across sections of the northeast. Softball size hail fell at Pensacola in Mayes County. A tornado set down about 4 miles northwest of Adair in Mayes County and traveled east-southeast to a point 1 1/2 miles east-northeast of Adair. The tornado damaged several homes and barns and destroyed several outbuildings. Damage is estimated at \$200,000.						
Woods County	13 1940CST	0	0	?	?	Hail (.88)
Woods County	13 1956CST	0	0	?	?	Hail (.75)
Woods County	13 2000CST	0	0	?	?	Hail (1.50)
Woods County	13 2010CST	0	0	?	?	Hail (.88)
Alfalfa County	13 2020CST	0	0	?	?	Hail (1.75)
Major County	13 2025CST	0	0	?	?	Hail (.88)
Woodward County	13 2039CST	0	0	?	?	Hail (.75)
Alfalfa County	13 2042CST	0	0	?	?	Hail (.88)
Grant County	13 2057CST	0	0	?	?	Hail (1.75)
Garfield County	13 2109CST	0	0	?	?	Hail (.88)
Major County	13 2113CST	0	0	?	?	Hail (.75)
Kay County	13 2115CST	0	0	?	?	Tstm. Wind
Kay County	13 2120CST	0	0	?	?	Hail (.75)
Noble County	13 2140CST	0	0	?	?	Hail (.75)
Payne County	13 2200CST	0	0	?	?	Tstm. Wind
Payne County	13 2210CST	0	0	?	?	Hail (1.00)
Logan County	13 2215CST	0	0	?	?	Hail (.75)
Pawnee County	13 2215CST	0	0	?	?	Tstm. Wind
Pawnee County	13 2219CST	0	0	?	?	Tstm. Wind
Payne County	13 2220CST	0	4	4	?	Tstm. Wind
Washington County	13 2233CST	0	0	?	?	Tstm. Wind
Creek County	13 2235CST	0	0	?	?	Tstm. Wind
Logan County	13 2235CST	0	0	?	?	Hail (.75)
Osage County	13 2255CST	0	0	?	?	Hail (1.75)

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>OKLAHOMA</b>									
Tulsa County	13	2303CST			0	0	?	?	Tstm. Wind
Tulsa County	13	2311CST			0	0	?	?	Hail (.75)
Rogers County	13	2318CST			0	1	5	?	Tstm. Wind
Tulsa County	13	2330-2336CST	4	300	0	2	6	?	Tornado (F2)
Washington County	13	2323CST			0	0	?	?	Tstm. Wind
Okmulgee County	13	2345CST			0	0	?	?	Tstm. Wind
Wagoner County	13	2345CST			0	0	5	?	Tstm. Wind
LeFlore County	13	2355CST			0	0	?	?	Tstm. Wind
Wagoner County	13	2355CST			0	0	?	?	Tstm. Wind
Cherokee County	14	0012CST			0	0	4	?	Tstm. Wind
Haskell County	14	0035CST			0	0	?	?	Hail (1.75)
LeFlore County	14	0055CST			0	0	?	?	Tstm. Wind
Sequoyah County	14	0100CST			0	0	?	?	Hail (1.75)
LeFlore County	14	0145CST			0	0	?	?	Hail (1.75)
<p>Hail ranging from 3/4 inch to near 2 inch size fell across northern and eastern sections. Winds of 70 to 80 mph were common in many areas, with Morris in Okmulgee County reporting 95 mph. Winds overturned a mobile home south of Stillwater in Payne County, injuring 4 persons. Another mobile home was overturned in Rogers County, injuring one man. A tornado touched down in Broken Arrow, destroying and damaging many businesses and homes. Two injuries occurred.</p>									
Woodward County	17	1815CST			0	0	?	?	Hail (.75)
Beckham County	17	2143CST			0	0	?	?	Hail (.75)
Washita County	17	2145CST			0	0	?	?	Hail (.75)
Custer County	17	2150CST			0	0	?	?	Hail (.75)
Blaine County	17	2230CST			0	0	?	?	Hail (.88)
Kingfisher County	17	2250CST			0	0	?	?	Hail (.75)
Caddo County	17	2255CST			0	0	?	?	Tstm. Wind
Blaine County	17	2310CST			0	0	?	?	Hail (.88)
Kay County	17	2355CST			0	0	?	?	Hail (.75)
Logan County	18	0018CST			0	0	?	?	Hail (.75)
<p>Hail, penny to nickle size, fell along with some winds up to 60 mph.</p>									
Tulsa County	18	0430CST			0	0	?	?	Tstm. Wind
Carter County	18	0440CST			0	0	?	?	Hail (1.25)
Marshall County	18	0450CST			0	0	?	?	Hail (.75)
Johnston County	18	0500CST			0	0	?	?	Hail (.88)
Carter County	18	0505CST			0	0	?	?	Hail (.88)
Love County	18	1905CST			0	0	?	?	Hail (1.25)
Carter County	18	1945CST			0	0	?	?	Hail (.75)
Love County	18	1950CST			0	0	?	?	Hail (.75)
Love County	18	2100CST			0	0	?	?	Hail (.75)
Marshall County	18	2325CST			0	0	?	?	Hail (.75)
<p>Hail 3/4 inch to golfball size fell, and a few reports of wind up to 60 mph were received.</p>									
Bryan County	19	0900CST			0	0	?	?	Hail (1.25)
Jefferson County	19	0922CST			0	0	?	?	Hail (.75)
Jefferson County	19	0935CST			0	0	?	?	Hail (.88)
Carter County	19	1015CST			0	0	?	?	Hail (.75)
Love County	19	1030CST			0	0	?	?	Hail (.88)
Marshall County	19	1030CST			0	0	?	?	Hail (.75)
Johnston County	19	1120CST			0	0	?	?	Hail (1.00)
Atoka County	19	1145CST			0	0	?	?	Hail (1.00)
Bryan County	19	1145CST			0	0	?	?	Hail (.88)
Caddo County	19	1145CST			0	0	?	?	Hail (.88)
<p>Hail ranging from dime size to golfball size fell.</p>									
McCurtain County	19	1200-1800CST			0	0	?	?	Flash Flooding
<p>A wall of water came down the Mountain Fork River, swamping 65 Boy Scout canoeists. There were no injuries.</p>									
Ellis County	23	1802CST			0	0	?	?	Tstm. Wind
Ellis County	23	1820CST			0	0	?	?	Tstm. Wind
Woodward County	23	1830CST			0	0	?	?	Tstm. Wind
Woodward County	23	1855CST			0	0	?	?	Tstm. Wind
Woodward County	23	1910CST			0	0	?	?	Tstm. Wind
<p>Winds up to 70 mph occurred. Trees were downed and several outbuildings and barns, damaged or destroyed.</p>									
Harper County	25	2125CST			0	0	?	?	Tstm. Wind
Harper County	25	2155CST			0	0	?	?	Tstm. Wind
Harper County	25	2215CST			0	0	?	?	Tstm. Wind
Woods County	25	2215CST			0	0	?	?	Tstm. Wind
Woodward County	25	2220CST			0	0	?	?	Hail (.75)
Woodward County	25	2245CST			0	0	?	?	Hail (1.75)
Harper County	25	2245CST			0	0	?	?	Hail (1.25)
DeWEY County	25	2334CST			0	0	?	?	Hail (.75)
Major County	25	2345CST			0	0	?	?	Hail (1.75)
<p>Hail ranging from 3/4 inch to golfball size fell along with winds up to 75 mph over sections of the northwest.</p>									
<b>OKLAHOMA</b>									
Harmon County	26	1745CST			0	0	?	?	Hail (1.75)
Tillman County	26	1755CST			0	0	?	?	Hail (1.75)
Greer County	26	1800CST			0	0	?	?	Hail (.88)
Tillman County	26	1800CST			0	0	?	?	Hail (1.75)
Kiowa County	26	1815CST			0	0	?	?	Hail (1.75)
Comanche County	26	1830CST			0	0	?	?	Hail (.75)
Washita County	26	1830CST			0	0	?	?	Hail (1.75)
Washita County	26	1845CST			0	0	?	?	Hail (.75)
Custer County	26	1900CST			0	0	?	?	Hail (.88)
Custer County	26	1900CST			0	0	?	?	Hail (.75)
Harmon County	26	1900CST			0	0	?	?	Hail (.75)
Kiowa County	26	1910-1920CST	7	100	0	0	4	?	Tornado (F1), Hail (2.25)
DeWEY County	26	1915CST			0	0	?	?	Hail (1.00)
Kiowa County	26	1915CST			0	0	?	?	Hail (.75)
DeWEY County	26	1930CST			0	0	?	?	Hail (1.00)
Custer County	26	1930CST			0	0	?	?	Hail (.75)
Jackson County	26	1930CST			0	0	?	?	Hail (1.25)
Blaine County	26	1935CST			0	0	?	?	Hail (1.75)
Kiowa County	26	1937CST	Short	Narrow	0	0	?	?	Tornado (F0)
Jackson County	26	1939CST			0	0	?	?	Hail (1.50)
Washita County	26	1945CST			0	0	?	?	Hail (1.00)
DeWEY County	26	1950CST			0	0	?	?	Hail (.75)
Jackson County	26	1950CST			0	0	?	?	Hail (1.50)
Caddo County	26	1956CST			0	0	?	?	Hail (.75)
Major County	26	2000CST			0	0	?	?	Hail (.75)
Jackson County	26	2000CST			0	0	?	?	Hail (1.25)
Kiowa County	26	2015CST			0	0	?	?	Hail (.88)
DeWEY County	26	2015CST			0	0	?	?	Hail (.75)
Caddo County	26	2015CST			0	0	?	?	Hail (1.00)
Greer County	26	2015CST			0	0	?	?	Hail (.88)
Kiowa County	26	2030CST			0	0	?	?	Hail (1.00)
Caddo County	26	2030CST			0	0	?	?	Hail (1.00)
Washita County	26	2045CST			0	0	?	?	Hail (.75)
DeWEY County	26	2100CST			0	0	?	?	Hail (1.75)
Kiowa County	26	2100CST			0	0	?	?	Hail (.75)
Canadian County	26	2110CST			0	0	?	?	Hail (.75)
Canadian County	26	2114CST			0	0	?	?	Hail (1.25)
Canadian County	26	2130CST			0	0	?	?	Tstm. Wind
Canadian County	26	2145CST			0	0	?	?	Hail (.75)
Canadian County	26	2200CST			0	0	?	?	Hail (.75)
Washita County	26	2300CST			0	0	?	?	Hail (1.75)
Custer County	26	2315CST			0	0	?	?	Hail (.75)
DeWEY County	26	2320CST			0	0	?	?	Hail (1.25)
DeWEY County	26	2330CST			0	0	?	?	Hail (.75)
<p>Hail ranging from dime size to golfball size fell over many areas of southwestern and central sections. A tornado set down 4 miles east and 2 miles south of Roosevelt. The tornado tracked due east to a point 4 miles south and 2 miles east of Cooperton in Kiowa County. The tornado unroofed a house, damaged a barn and downed trees and power poles. Damage is estimated at \$50,000. Another tornado touched down just south of Mountain View in Kiowa County, but no damage occurred.</p>									
Johnston County	29	0800CST			0	0	?	?	Hail (.75)
<p>Dime size hail and very heavy rain fell just south of Millcreek.</p>									
<b>35 OREGON - NONE REPORTED</b>									
<b>36 PENNSYLVANIA, Eastern</b>									
PAZ011-012-016 Eastern Pennsylvania	15	1200 EST			0	0	4	0	Small Stream Flooding
<p>Rain began around mid day on the 15th and continued off and on until early evening on the 17th. The heaviest rainfall occurred on the 16th. From Philadelphia north through the Lehigh Valley over three inches of rain fell through the period (3.35 at Philadelphia and 3.22 at Allentown). The result was some minor flooding along small streams, drainage flooding of roadways and other areas, some basement flooding and some roadway washouts. The basement wall collapsed and a mudslide entered the basement of a home in Churchville, Bucks County.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>— PENNSYLVANIA, Eastern</b>									
PAZ016 Northeast Pennsylvania	22	2200 EST			0	0	5	5	Heavy Snow
<p>An unusually heavy late season snow storm deposited up to 30 inches of snow in some portions of the Poconos. Although some snow fell in the late morning and afternoon of the 22nd over the Poconos and northeast Metropolitan area, the accumulating snowfall did not begin until late in the evening. By the time the snow ended on the afternoon of the 23rd, 4 to 6 inches had fallen in Monroe County, 20 to 30 inches in Pike County, 20 to 30 inches in Wayne County, less than 6 inches in Lackawanna, Susquehanna, Wyoming, Luzerne, Carbon and Schuylkill Counties, and amounts less than 4 inches southward over Lehigh and Northampton Counties. Some slight accumulation occurred over Bucks, Berks, Montgomery and Chester Counties. The heavy wet snow resulted in many traffic accidents, stalled vehicles and jack-knifed or overturned trucks. This resulted in massive traffic jams with traffic backed up as much as 20 miles. The traffic jams and road conditions resulted in highways being closed, including several interstate highways. The heavy wet snow brought down trees and tree limbs, with some falling on buildings. The heavy snow caused the collapse of nine greenhouses in Lord's Valley, Blooming Grove Township, Pike County. In addition to the damage to the greenhouses and equipment, about \$300,000 worth of Ivy plants were lost.</p>									
<b>36 PENNSYLVANIA, Western</b>									
Venango and Warren Counties	06	1640- 1655EST			0	0	0	0	Hail
Hail, three-quarters of an inch in diameter fell in both counties.									
Allegheny County	06	2140EST			0	0	3	0	Lightning
The storage area of a commercial building in Dorseyville sustained extensive damage when it was struck by lightning and set ablaze.									
Indiana County	06	2232EST			0	0	4	0	Lightning
An unoccupied, two story building in Marchand used as a garage, burned to the ground after being struck by lightning.									
Washington County	15	1702EST			0	0	3	0	Lightning
A bolt of lightning struck a tree near a home in Buffalo. The strike caused all of the windows to be blown out of the house, and some of the home's aluminum siding to be knocked off.									
Venango County	22- 23	Overnight			0	0	0	3	Damaging Freeze
An overnight freeze caused limited damage to an area of fruit trees.									
Lawrence County	22- 23	Overnight			0	0	0	3	Damaging Freeze
Minor damage to fruit crops at Wilmington Township and Princeton was caused by freezing temperatures.									
<b>37 RHODE ISLAND — NONE REPORTED</b>									
<b>38 SOUTH CAROLINA</b>									
SCZ001-002-003-004- 005-006-007		Monthlong			0	0	0	4	Drought
It was the driest April of record at Columbia, as well as at many reporting points in central and western South Carolina. Rainfall totaled less than one inch at most stations, and less than half of an inch at many. Dry conditions were aggravated by rainfall deficiencies which began in early December, 1985 and have persisted throughout the beginning of 1986.									
Richland County	13	1439EST			0	0	3	0	Dust Devils
Vigorous dust devils were reported. At 916 Holly Hill Boulevard in Columbia, a mobile home was moved off of its foundation.									
Sumter County	13	1500EST			0	0	3	0	Dust Devil
A dust devil did minor damage to a shed at Sumter.									
<b>— SOUTH CAROLINA</b>									
SCZ001-002-003-004- 005-006-007	23- 24	Statewide			0	0	0	5	Frost/Freeze
Unseasonably cold air spread across the state on the 22nd. Early morning temperatures of the 23rd and 24th dropped into the twenties, upstate and into the thirties, elsewhere. The cold temperatures were accompanied by frost, and there was selective damage to fruit and young spring crops. The minimum temperatures on the 24th were the lowest ever recorded so late in the spring at many locations.									
Chesterfield County	26	1600EST			0	0	3	3	Hail (1.00)
A hailstorm 6 miles west of Chesterfield caused heavy damage over a small area. The hail covered the ground.									
SCZ001-002-003-004- 005-006-007	27	Statewide			0	0	0	0	High Temperature
Maximum temperatures during the afternoon of the 27th were the highest ever recorded so early in the spring at several reporting locations across the state.									
<b>39 SOUTH DAKOTA</b>									
SDZ0NE Northeast SD	01- 30	Northeast SD			0	0	6	?	Flooding
Snowmelt in addition to several significant rain events produced very high water in the northeast including Kingsbury, Hamlin, and Dodgington Counties. Lake Poinsett was 4 feet over full and the area between Lake Poinsett and Lake Kampeska had the highest water recalled by local residents. Eight counties were declared a state disaster area by the governor early in the month and a federal disaster area late in the month by the president. Many roads and farmlands were under water. A rail line through Lake Preston was under water. Many homes and businesses had extensive water damage. A conservative estimate of 2.7 million dollars in damage resulted.									
SDZ0SW Southwest SD	03- EVE- 04 MRNG	Southwest SD			0	0	0	3	Heavy Snow
Heavy snow fell over the Black Hills and the southwest. More than a foot of snow fell in the northern Black Hills, with the largest amounts reported at Lead (Lawrence County), 18 inches; Deadwood (Lawrence County), 14 inches; and Sturgis (Meade County), 12 inches. Generally, 3 to 7 inches fell over the area. The heavy, wet snow broke power lines in the northern Black Hills, resulting in several power outages. Some schools and roads were closed in the Black Hills.									
SDZALL Statewide	13- MRNG- 14 LT EVE	Statewide			1	0	6	0	Blizzard
Heavy snow and strong winds produced blizzard conditions over all but extreme eastern South Dakota. A foot or more of new snow was common in the North-central, with fifteen inches reported at Gettysburg (Potter County) and Eureka (Mc Pherson County). Over most of the rest of the state, three to eight inches of new snow fell. The snow was blown around by winds of 30 to 45 MPH, with gusts near 90 MPH at Mitchell (Davison County) and Yankton (Yankton County). The visibility was near zero over much of the state during this time, and contributed to many accidents. Many roads were closed during the blizzard, including much of Interstate 90 and a small part of Interstate 29 in the southeast corner of the state. Drifts as high as 15 feet were common in the Central. It is estimated that the storm was responsible for a young man's death in Yankton as he waited out the storm in his car stalled by a snowdrift. Many livestock were also killed and losses were up to 35 percent of the herds in some central counties. Livestock losses resulted in several million dollars. High winds and snow downed over 100 power poles north of Wall (Pennington County), and power outages across the entire state were common for varying amounts of time. The longest outage lasted two days at Badlands National Park (Pennington County). Wind damage was common with mostly minor damage reported. A portion of a roof of the Gettysburg Auditorium was torn off, and a greenhouse was destroyed in Yankton. School was cancelled on April 14 over much of eastern and central South Dakota, and many activities were postponed. The spring storm was termed by many as the worst blizzard that they had ever experienced. M26V									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## SOUTH DAKOTA

SDZ00E Eastern SD	14- EVE- 18 LT EVE	0	0	4	?			Flooding	
<p>The heavy snowfall of April 13 and 14, along with two to four inches of rain during this period, occurred over the James and Vermillion River basins. The James River was four to five feet above flood stage from Huron (Beadle County) south, which caused considerable lowland flooding. Many basements were flooded and several roads were washed out.</p>									
SDZ011 Black Hills	17- LT AFTN- 18 ERY EVE	0	0	0	0			Heavy Snow	
<p>Heavy snow fell over the Black Hills. Generally 6 to 10 inches were reported. The larger amounts of snow occurred at Lead (Lawrence County), 25 inches and Galena (Pennington County), 18 inches.</p>									
Day County	25 1220 CST	0	0	0	0			Hail	
<p>Three-quarter inch diameter hail fell fourteen miles south of Webster.</p>									
SDZ05E Southeast SD	26 1540- 1845 CST	0	0	5	0			Hail, High Winds, Heavy Rain, Funnel Clouds	
<p>Intense thunderstorms moved through the area, producing large hail, strong winds, heavy rain and funnel clouds. Two and three-quarter inch hail fell in a 15 mile wide area from Pickstown (Charles Mix County) to south of Scotland (Bon Homme County) from 1540 to 1620 CST. The large hail caused extensive damage to windows, roofs and siding of houses, as well as vehicle damage. The area hit the hardest was north of Tyndall (Bon Homme County) and Avon (Bon Homme County). Hail over an inch in diameter fell at Vermillion (Clay County) at 1818 CST and over Turner and Lincoln Counties between 1730 and 1810 CST. Strong winds from the thunderstorms caused damage to farm buildings, trees and power poles in a 10 mile wide path from Davis (Turner County) at 1735 CST to northeast of Canton (Lincoln County) at 1810 CST. The thunderstorms also knocked down power poles at Alcester (Union County) and Beresford (Union County) at 1835 CST. The strong winds were estimated to be from 70 to 80 MPH. Heavy rainfall was associated with the thunderstorms, and reports of two or more inches in a short time were common. Near Centerville (Turner County), around five inches of rain fell. Funnel clouds were sighted over Davis at 1730 CST and northeast of Centerville at 1734 CST.</p>									
Turner County	26 1723- 1725 CST	.2	20	0	0	0	0	Tornado (F0)	
<p>A tornado touched down two and a half miles west of Hurley and traveled northeast for a short distance. No damage was reported.</p>									
Turner and Lincoln Counties	26 1737- 1749 CST	6.0	60	0	0	6	0	Tornado (F2)	
<p>A tornado touched down three miles southeast of Davis and moved east-northeast six miles to six miles south-southeast of Lennox. The tornado destroyed most of the buildings on five farms, and fifteen additional farms reported substantial damage. The tornado also uprooted trees along its path.</p>									
Lincoln County	26 1750- 1759 CST	5.0	40	0	0	5	0	Tornado (F2)	
<p>A tornado touched down three miles west of Canton and traveled north-northwest for five miles. The tornado severely damaged two farmsteads and resulted in some damage to six other farms in its path.</p>									
Brown County	26 2010 CST	0	0	0	0			Hail	
<p>Three-quarter inch diameter hail fell at Aberdeen.</p>									
Hamlin County	26 EVE	0	0	3	0			High Winds	
<p>Strong thunderstorm winds ripped off part of a roof of a mobile home in Estelline.</p>									

## SOUTH DAKOTA

SDZ0NC North-Central SD	29- 2130- 30 0045 CST	0	0	4	0			High Winds	
<p>Thunderstorms moved across north-central and northeast South Dakota from Walworth to Marshall County producing strong winds. The strong winds rolled over two mobile homes nine miles southeast of Mobridge (Walworth County) at 2130 CST. The strong winds also damaged farm buildings over much of that part of the state, and blew a chicken coop across a yard eight miles north of Groton (Brown County) at 0025 CST. The winds were estimated at 60 mph at Ordway (Brown County) at 0015 CST.</p>									

## 40 TENNESSEE

Millington, Shelby County	05 0400CST	0	0	4	0			Lightning	
<p>Lightning struck a vacant house under renovation, causing damage to the roof, windows and frames, and cabinets.</p>									
Campbell County	06 1600EST	1	1	0	0			Lightning	
<p>A 39-year old man from the Little White Oak community near LaFollette was killed instantly, and his 10-year old daughter was injured, when lightning struck them and a metal-roofed chicken house in which they had taken shelter. M390</p>									
Milan, Gibson County	07 0600CST	0	0	4	0			Lightning	
<p>Lightning struck the antenna of a house in Milan, which sparked a fire that destroyed one room of the house. \$25,000 in damage resulted.</p>									
Madison County	07 1424CST	0	0	5	0			Thunderstorm Winds (70)	
<p>Strong thunderstorm winds destroyed a carnival ride at the West Tennessee State Fairgrounds. Winds gusted to 70 knots (81 mph) at McKellar Airport, just west of Jackson. The roof of a used car dealership in Jackson was ripped; 14 utility poles were downed in eastern and northeastern portions of Jackson, and a tree fell on a tool shed.</p>									
Knox County	07 2100EST	0	0	4	0			Lightning	
<p>Lightning struck a vacant house in the western portion of Knox County, causing heavy damage.</p>									
Marion County	20 1825CST	0.2	25	0	6	5	0	Tornado (F1)	
	20 1838CST	0	0	0	0			Hail (0.75)	
<p>A weak tornado 2.0 miles east of Jasper destroyed 2 homes and a mobile home, and seriously damaged 5 other homes in the Mullins Cove-Airport Road area. One 76-year old woman sustained serious head lacerations when she was trapped in her overturned mobile home. Five other people were injured less seriously. 3/4 inch hail fell in the Suck Creek area. The tornado traveled 0.20 miles to the northeast before dissipating. One home lost an entire upper floor, and another had only 2 walls left standing.</p>									
Cumberland County	20 1830CST	0	0	5	0			Thunderstorm winds	
<p>Strong thunderstorm winds blew down an 85-foot sign of a restaurant at the intersection of I-40 and Highway 127; two trucks received minor damage. The loss total exceeded \$65,000.</p>									
Fentress County	20 1930CST	0	0	5	0			Thunderstorm winds	
<p>Damaging thunderstorm winds caused extensive loss in the Taylor Place Road area. Two homes were heavily damaged; one home's roof was blown 100 feet away, and the other home's roof came to rest on a car. Several buildings sustained damage at a nearby campground. A two-story building had the second floor virtually demolished by the high winds. Several trees were blown over, and a mobile home was also damaged.</p>									
Knox County	28 1500EST	0	0	4	0			Lightning	
<p>Lightning entered a West Knoxville house via power lines and started a fire. The fire heavily damaged the kitchen, living room, and two bedrooms. No people were injured, but the family dog died from smoke inhalation.</p>									





# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

## TEXAS, Northern

Bowie County	4	1700CST 1710CST 1720CST  1730CST	Short Narrow Short Narrow	0 0 0 0	0 0 0 0	? ? ? ?	? ? ? ?	Hail (1.75) Tornado (F1) Tornado (F0), Hail (1.75) Tornado (F0)	
<p>A severe thunderstorm produced large hail, strong winds, and 3 short-lived tornadoes between 1700 and 1730CST as it tracked east across the northern portion of the county. Hail as large as golf balls was reported west of DeKalb at 1700CST, with a tornado touching down shortly thereafter, destroying a home just northwest of DeKalb at 1710CST, briefly trapping the residents. Tornadoes damaged trees north of New Boston at 1720CST, and northeast of Hooks at 1730CST. Golf ball size hail was also reported at 1720CST north of New Boston.</p>									
Hopkins County	4	1710CST		0	0	?	?	Hail (1.00)	
<p>One inch hail fell at Dike in the eastern part of the county.</p>									
Fannin County	4	1655CST 1730CST	Short Narrow	0 0	0 0	? ?	? ?	Hail (1.75) Tornado (F0)	
<p>Golf ball size hail fell five miles north of Wolfe City in the southern part of the county at 1655CST. A brief tornado destroyed a tractor shed in Honey Grove at 1730CST.</p>									
Gregg County	4	1720CST 1730CST 1734CST		0 0 0	0 0 0	? ? 3	? ? ?	Hail (1.75) Hail (1.00) Hail (1.75)	
<p>Hail up to golf ball size covered the ground at White Oak and damaged roofs in Longview between 1720 and 1740CST.</p>									
Lamar County	4	1730CST 1745CST		0 0	0 0	? ?	? ?	Hail (1.00) Hail (1.00)	
<p>One inch hail fell at Roxton (about 10 miles southwest of Paris) at 1730CST. Three-quarter to one inch hail was reported at Paris between 1745 and 1750CST.</p>									
Ellis County	4	1730CST  1805CST 1820CST		0  0 0	0  0 0	?  ? ?	?  ? ?	Funnel Cloud, Hail (1.00) Hail (1.75) Hail (1.00)	
<p>A funnel cloud was sighted near Midlothian at 1730CST, as one inch hail fell nearby. Golf ball size hail was reported at Red Oak at 1805CST, and one inch hail at Trumbull at 1820CST.</p>									
Cass County	4	1745CST 1810CST 1822CST		0 0 0	0 0 0	? ? ?	? ? ?	Hail (1.75) Funnel Clouds Hail (1.00)	
<p>Golf ball size hail fell at Avinger in the southwest part of the county at 1745CST. Several funnel clouds were also sighted at Avinger at 1810CST. One inch hail fell at Hughes Springs at 1822CST.</p>									
Franklin County	4	1745CST		0	0	?	?	Hail (0.75)	
<p>Three-quarter inch hail fell at Hagansport.</p>									
Titus County	4	1811CST		0	0	?	?	Hail (1.75)	
<p>Golf ball size hail was reported at Talco.</p>									
Morris County	4	1813CST		0	0	?	?	Hail (1.75)	
<p>Golf ball size hail fell at Lone Star in the extreme southern part of the county.</p>									
Dallas County	4	1820CST		0	0	?	?	Hail (1.75)	
<p>Golf ball size hail fell at Wilmer in the southeast part of the county.</p>									
Marion County	4	1830CST 1839CST 1915CST		0 0 0	0 0 0	? ? 1	? ? ?	Hail (1.00) Hail (1.00) Funnel Cloud, TSTM Winds	
<p>Hail up to one inch fell at Jefferson between 1830 and 1839CST. A funnel cloud was sighted east of Jefferson at 1915CST, and trees were damaged from winds estimated between 50 and 60 MPH.</p>									
Kaufman County	4	1855CST 1900CST 1915CST		0 0 0	0 0 0	? ? ?	? ? ?	Hail (0.75) Hail (1.75) Hail (1.00)	
<p>Three-quarter inch hail fell at Kemp at 1855CST. Golf ball size hail was reported two miles south of Kaufman five minutes later, and at 1915CST, one inch hail fell at Scurry.</p>									
Cass County	4	1928CST		0	0	1	?	Hail (1.75), Funnel Cloud, TSTM Winds	
<p>A funnel cloud was sighted near Kildare (13 miles southwest of Atlanta), and strong thunderstorm winds damaged some trees. Golf ball size hail was also reported.</p>									

## TEXAS, Northern

Tarrant County	4	1945CST 2010CST		0 0	0 0	? 2	? ?	Hail (1.00) TSTM Winds, Hail (1.75)	
<p>Three-quarter to one inch hail fell at Benbrook at 1945CST and elsewhere over southwest Fort Worth at 1955CST. Golf ball size hail and strong thunderstorm winds damaged a carport in south Fort Worth at 2010CST.</p>									
Van Zandt County	4	1945CST 1955CST 2030CST	Short Narrow	0 0 0	0 0 2	? ? 5	? ? 0	Hail (1.75) Hail (0.75) Tornado (F1)	
<p>Golf ball size hail was reported along I-20 south of Mills Point at 1945CST. Three-quarter inch hail fell at Canton about ten minutes later. Around 2030CST, a tornado briefly touched down and destroyed a mobile home three miles north of Canton. Two people were injured with cuts and bruises. The tornado also took the roofs off several barns and blew down trees.</p>									
Bowie County	4	1955CST 2010CST 2010CST		0 0 0	0 0 0	3 ? ?	? ? ?	TSTM Winds Hail (1.75) Hail (1.00)	
<p>Strong thunderstorm winds downed trees and power lines between Redwater and Texarkana around 1955CST. Hail up to golf ball size was also reported in the same area between 2010 and 2010CST.</p>									
Hopkins County	4	2030CST		0	0	?	?	Hail (1.75)	
<p>Golf ball size hail was reported three miles north of Sulphur Springs.</p>									
Bowie County	4	2112CST		0	0	4	?	Hail (1.75), TSTM Winds	
<p>Strong thunderstorm winds took a roof off a house between DeKalb and New Boston around 2112CST. Golf ball size hail fell around the same time.</p>									
Wood County	4	2145CST		0	0	?	?	Hail (0.75)	
<p>Three-quarter inch hail was reported at Mineola.</p>									
Dallas County	4	2300CST		0	0	?	?	Flash Flooding	
<p>Forty cars were stalled in high water along Central Expressway near Yale in Dallas. I-30 was closed near Mesquite because of high water.</p>									
Franklin County	5	0055CST 0115CST		0 0	0 0	? ?	? ?	TSTM Winds Hail (0.75)	
<p>Strong thunderstorm winds were estimated at 60 MPH in the southwest part of the county at 0055CST. Dime size hail was reported by a Sheriff's Deputy at 0115CST.</p>									
Rockwall County	5	0100CST		0	0	?	?	Flooding	
<p>Part of I-30 near Royse City was closed from 0100 to 0500CST due to high water.</p>									
Hunt County	5	0100CST		0	0	?	?	Flooding	
<p>Heavy rains caused widespread flooding of roads and highways including part of I-30 from 0100 to 0600CST. High water also washed out a railroad bed in the extreme western part of the county, causing a train derailment.</p>									
Hopkins County	5	0130CST		0	0	?	?	Flooding	
<p>Heavy rains caused flooding of roads and creeks in the county. Highway 11 between Commerce and Sulphur Springs, and Highway 69 between I-30 and Mahoney were closed from 0130 to 0530CST.</p>									
Bowie County	5	0220CST		0	0	?	?	Flooding	
<p>Over seven inches of rain was recorded at DeKalb and caused localized flooding of low lying areas and roads.</p>									
Smith County	5	0500CST 0530CST		0 1	0 0	4 ?	? ?	TSTM Winds Flash Flooding	
<p>Strong thunderstorm winds downed trees and power lines around 0500CST just northwest of Tyler. A few roofs and a patio cover were also damaged. Flash flooding followed as five inches of rain quickly overtook local drainage systems. Many city streets in Tyler were flooded, and several businesses in town sustained some water damage. At approximately 0530CST, a 55 year old woman drowned while trying to escape from her car that was trapped and overturned in a flooded low water crossing. F35V.</p>									
Gregg County	5	0540CST 0745CST		0 0	0 0	? ?	? ?	Hail (1.00) Flash Flooding	
<p>One inch hail was reported at Longview. Over two inches of rain fell between 0530 and 0730CST, causing widespread flooding of streets and low lying areas around the county.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (FAROS)	NO. OF PERSONS				ESTIMATED DAMAGE				CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	KILLED	INJURED	PROPERTY	CROPS	
<b>— TEXAS, Northern</b>													
Henderson County	5	0600CST	0	0	?	?							Flash Flooding
													Heavy rains began at around 0300CST, and by 0600CST, caused widespread flooding problems over the county. Most primary and secondary roads were closed around Athens at one time or another between 0600 and Noon CST. Some businesses in Athens sustained water damage. The worst flooding was Highway 31 East between Murchison and the Stay-Way Ranch, and Highway 19 south of Athens. Flooding began subsiding after noon CST.
Limestone County	8	1750CST	0	0	?	?							Hail (0.75)
													Three-quarter inch hail fell at Kosse in the extreme southern portion of the county.
Houston County	8	1918CST	0	0	?	?							TSTM Winds
													Sheriff's Office reported trees and power lines down in Crockett due to thunderstorm winds.
Trinity County	8	1930CST	0	0	?	?							TSTM Winds
													Trees and signs were blown across Highway 19 north of Trinity.
Wise County	11	2332CST	0	0	?	?							Hail (1.75)
	12	0002CST	0	0	?	?							Hail (0.75)
													Golf ball size hail was reported north of Decatur at 2332CST. Dime size hail was reported at 0002CST.
Denton County	11	2345CST	0	0	?	?							Hail (1.00)
	12	0010CST	0	0	?	?							Hail (2.75)
													Quarter size hail was reported at Denton at 2345CST. Golf ball and baseball size hail was reported at Lake Lewisville at 0010CST.
Collin County	12	0015CST	0	0	?	?							Hail (1.75)
		0050CST	0	0	?	?							Hail (1.00)
													Golf ball size hail fell at Prosper and Frisco in the western part of the county at 0015CST. Hail the size of quarters was reported at Plano at 0050CST.
Dallas County	12	0055CST	1	0	5	0							Hail (?)
		0111CST	0	0	?	?							Hail (1.75-3.0)
		0118CST	0	0	?	?							Hail (1.00)
													A 34 year old man was killed attempting to land his single engine plane during a thunderstorm at Addison Airport in north Dallas. Newspapers quoted the pilot remarking that hail had broken out the windshield of his plane. M340.
													Thunderstorm winds estimated between 50 and 60 MPH were reported in Garland (east Dallas County) at 0100CST, and 1.94 inches of rain fell in 45 minutes. Golfball size hail was reported at Dallas Love Field at 0111CST, and one inch hail was reported at the Naval Air Station in Grand Prairie at 0116CST. Around the same time, hail between baseball and softball size was reported in Dak Cliff.
Hunt County	12	0100CST	0	0	4	?							TSTM Winds
		0115CST	0	0	?	?							TSTM Winds
													Thunderstorm winds estimated at 60-70 MPH blew vehicles off the road along I-30 at 0100CST. In Greenville, the strong winds blew down trees and power lines. At 0115CST, the strong winds blew down trees and power lines in Quinlan, and damaged a marina on the southern end of Lake Tawakoni. A mobile home was also blown over there.
Rockwall County	12	0100CST	0	0	4	?							TSTM Winds
													Some houses sustained roof damage along the western shore of Lake Ray Hubbard near Rowlett. Around the same time, a mobile home in Rockwall was blown over and destroyed.
Kaufman County	12	0130CST	0	0	4	?							TSTM Winds
													Thunderstorm winds blew over a mobile home in the northern part of the county, while trees and power lines were blown down in Ferrell. On U.S. 80 near Elna, a large barn containing antique cars was damaged.
Ellis County	12	0145CST	0	0	?	?							Funnel Cloud
													A Sheriff's Deputy observed a funnel cloud between Ferris and Red Oak. Strong winds were also reported.
Van Zandt County	12	0155CST	0	0	2	?							TSTM Winds
													Strong thunderstorm winds damaged a carport in Willis Point.
Rains County	12	0200CST	0	0	?	?							TSTM Winds
													Winds estimated at 50 MPH were reported in Eaory.
<b>— TEXAS, Northern</b>													
Wood County	12	0230CST	0	0	?	?							Hail (0.75)
													Three-quarter inch hail fell at Quitman and Mineola.
Upshur County	12	0245CST	0	0	5	?							TSTM Winds
													Strong thunderstorm winds took the roof of a barn off and blew down fifteen oak trees at a ranch between Gladewater and Big Sandy. The roof of a beauty salon was taken off in Big Sandy by the wind, while in nearby White Oak, a home also sustained some roof damage.
Smith County	12	0250CST	0	0	?	?							TSTM Winds
													Thunderstorm winds blew down trees, causing some blocked roads in the northern portion of the county.
Gregg and Rusk Counties	12	0300CST	1	0	7	?							TSTM Winds
													Thunderstorm winds estimated between 80 and 90 MPH did extensive damage over a fifteen mile long area bordering the two counties. The path of extensive damage started at the northwest outskirts of Kilgore (Gregg County), trailed southeast across the city, and went east through northern Rusk County. The storm tore through a mobile home park near the community of Monroe before turning northeast and ending at the Gregg County Airport. A 14 year old girl was killed (0320CST) when a 24" tree fell over on the mobile home where she was sleeping (near Monroe). F14M.
													In Kilgore, 40 homes and 15-20 businesses sustained damage from wind or falling trees (about 100 trees were either blown over, snapped off, or uprooted). Damage was estimated at five million dollars, about half the amount due to severe damage to a hangar and an airplane at the airport.
Harrison County	12	0320CST	0	0	?	?							Hail (0.75)
													Three-quarter inch hail fell at Hallsville.
Henderson County	12	0325CST	0	0	2	?							Hail (0.75) TSTM Winds
													Three-quarter inch hail fell at Eustace, while signs and out-buildings were damaged at Gun Barrell City, both along the eastern shore of Cedar Creek Reservoir.
Dallas County	14	0010CST	0	0	?	?							TSTM Winds
													Wind gusts to 57 MPH were measured in the eastern part of the county.
Caap County	14	0122CST	0	0	?	?							Hail (0.75)
		0134CST	0	0	2	?							TSTM Winds
													Dime size hail fell at Pittsburgh at 0122CST. Strong winds damaged the arm of a railroad crossing at 0134CST.
Morris County	14	0139CST	0	0	?	?							Hail (0.75) TSTM Winds
													Trees and power lines were downed by strong winds at Jenkins. Dime size hail fell at Lone Star.
Wilbarger County	17	1800CST	0	0	?	?							Hail (1.00)
		1844CST	0	0	?	?							Hail (0.75)
													One inch hail was reported by spotters seven miles southwest of Vernon at 1800CST. At 1844CST, dime size hail was reported in Oklaunion. Hail of unspecified size broke a windshield of a vehicle near Harrold.
Foard County	18	0012CST	0	0	?	?							Hail (1.00)
		0040CST	0	0	?	?							Hail (1.75)
													One inch hail was reported fifteen miles southwest of Crowell at 0012CST. Golf ball size hail fell six miles east of Crowell at 0040CST.
Wilbarger County	18	0106CST	0	0	?	?							Hail (0.75)
													Dime size hail was reported two miles west of Lockett.
Erath County	18	1730CST	0	0	?	?							Hail (1.75)
		1820CST	0	0	?	?							Hail (0.75)
		1900CST	0	0	?	?							Short Narrow Tornado (FB)
													Golf ball hail was reported just northwest of Stephenville at 1730CST. A cooperative observer reported dime size hail at Dublin at 1820CST. Around 1900CST, a small tornado destroyed a barn south of Stephenville.
Comanche County	18	1805CST	0	0	?	?							Hail (0.75)
		1955CST	0	0	?	?							Funnel Cloud
		2030CST	0	0	?	?							Hail (0.75)
													Dime size hail fell at Coavn, in the eastern part of the county at 1805CST. At 1955CST, spotters reported a funnel cloud just west of Comanche. Dime size hail was reported at Comanche at 2030CST. At 2100, 1.42 inches of rain had fallen (in just 20 minutes).

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>— TEXAS, Northern</b>									
Haskell County	19	0600CST			0	0	4	5	Hail (1.75)
									Hail as large as golf balls damaged vehicles, a school, and several homes in the southeast part of Haskell. Damage to the school was estimated between \$20-40K. In addition, 3000 acres of wheat was severely damaged to the tune of \$150K.
Archer County	19	0718CST			0	0	?	?	Hail (1.00)
									Hail between nickel and quarter size was reported in the south-west part of the county.
Jones County	19	0900CST	Short Narrow		0	0	?	?	Tornado (F0)
									A tornado was reported five miles south of Anson.
Throckmorton County	19	0955CST			0	0	?	?	Hail (1.75)
									Golf ball size hail fell at Woodson.
Young County	19	1030CST 1030CST			0	0	?	?	Hail (0.75) TSTM Winds
									Three-quarter inch hail and wind gusts estimated between 70 and 80 MPH occurred near South Bend.
Stephens County	19	1045CST			0	0	?	?	Hail (0.75)
									Hail up to three-quarter inch covered the ground near Brecken-ridge.
Jack County	19	1111CST			0	0	?	?	Hail (0.75)
									Jacksboro Police Department reported dime size hail and strong winds in Jacksboro.
Palo Pinto County	19	1138CST	Short Narrow		0	0	?	?	Tornado (F0)
									A spotter reported a tornado in open country three miles west of Brad.
Wise County	19	1201CST			0	0	?	?	Hail (0.75)
									Three-quarter inch hail broke skylights in a home three miles north of Decatur
Denton County	19	1226CST 1300CST 1320CST			0	0	?	?	TSTM Winds Hail (1.75) Hail (2.00), TSTM Winds
									76 MPH winds were measured at Krus at 1226CST. Around the same time, spotters estimated winds near 60 MPH north of Denton. Golf ball size hail fell in Denton at 1300CST, and around 1320CST, golf ball size hail damaged crops west of Pilot Point. The hail damaged some autos around Lake Dallas, and trees were uprooted from strong winds at Krus, Aubry, and Pilot Point.
Tarrant County	19	1305CST 1400CST			0	0	?	?	Hail (1.00) Flash Flooding
									Hail the size of nickels was reported over western Fort Worth at 1305CST. Around 1400CST, several westside intersections were closed due to high water. A portion of I-30 was closed west of downtown after deep water stalled several cars.
Coleman County	19	1305CST	Short Narrow		0	0	?	?	Tornado (F0)
									A Sheriff's Deputy sighted a tornado touch down briefly in open country near the Coleman-Brown county border. Some mesquite trees were damaged.
Brown County	19	1305CST 1320CST 1345CST			0	0	?	?	Funnel Cloud TSTM Winds Hail (1.00)
									A funnel cloud was sighted southwest of Grosvenor (about 12 miles northwest of Brownwood) at 1305CST. Around 1320CST, high winds blew the roof off some outbuildings and damaged some trees southwest of Grosvenor. At 1345CST, one inch hail was reported at Lake Brownwood.
Collin County	19	1315CST			0	0	?	?	TSTM Winds
									Three houses and a mobile home were damaged in Anna, in the northwest part of the county. Six homes were damaged in nearby Westminister. Some damage to homes was also reported in Desert and Whitewright.
Smith County	19	1315CST			0	0	?	?	TSTM Winds
									Thunderstorm winds damaged trees north of Tyler, blocking some roads. Tree damage was also reported in the southern part of the county about 20 minutes later.
<b>— TEXAS, Northern</b>									
Grayson County	19	1330CST			0	0	4	?	Hail (0.75), Funnels, TSTM Winds
									Dime size hail and several funnel clouds were reported by spotters near Van Alstyne, in the extreme southern portion of the county. Some houses were damaged by strong winds, and trees and power lines were blown down near the Grayson/Collin County line.
Eastland County	19	1330CST 1345CST			0	0	?	?	Hail (1.75) Hail (2.75)
									Golf ball size hail fell at Rising Star at 1330CST. Baseball size hail fell at Cisco 15 minutes later.
Comanche County	19	1345CST	Short Narrow		0	0	?	?	Tornado (F0), Hail (1.75)
									A spotter reported a tornado between Diester and DeLeon. Golf ball size hail was also reported.
Wood County	19	1345CST			0	0	?	?	Hail (1.75)
									Golf ball size hail fell at Mineola.
Hopkins County	19	1355CST 1403CST			0	0	?	?	Hail (1.00) Hail (2.75)
									One inch hail was reported ten miles southwest of Sulphur Springs at 1355CST. Shortly after 1400CST, quarter size hail was reported at Miller Grove, while baseball size hail was reported at Shirley. Lightning killed two cows five miles northwest of Sulphur Springs.
Fannin County	19	1405CST 1420CST			0	0	?	?	Hail (1.75), TSTM Winds TSTM Winds
									Golf ball size hail fell south of Bonham. Strong winds downed trees around the county, and in Ladonia (extreme southern portion of county), a falling tree crushed a car at 1420CST.
Harrison County	19	1400CST 1420CST	Short Narrow		0	0	?	?	Hail (1.75) Tornado (F0)
									Golfball size hail fell three miles north of Hallsville at 1400CST. A brief tornado damaged some homes and downed trees and power lines 2 miles southwest of Karnack at 1420CST.
Erath County	19	1415CST			0	0	?	?	Hail (1.75)
									Golf ball size hail fell near Dublin.
Dallas County	19	1430CST 1500CST			0	0	?	?	TSTM Winds Flash Flooding
									High winds broke tree limbs, taking bur power lines in several locations in the northwest part of the county. Several low lying intersections were flooded around 1500CST.
Camp County	19	1430CST 1445CST			0	0	?	?	Hail (1.75) Hail (2.75)
									Golf ball size hail was reported nine miles southwest of Pittsburgh at 1430CST. Hail between golf ball and baseball size fell at Pittsburgh at 1445CST.
Titus County	19	1445CST			0	0	?	?	TSTM Winds
									Strong thunderstorm winds downed trees between Mt. Pleasant and Monticello.
Ellis County	19	1445CST 1450CST 1500CST 1515CST	1.0 Narrow		0	0	4	?	Tornado (F1), Hail (1.75) Funnel Cloud Hail (1.75) Urban Flooding
									A tornado took part of a roof off a home, destroyed a barn and grain bin, and uprooted trees a couple of miles southwest of Maypearl in the western part of the county at 1445CST. The damage path was almost a mile long, but there were no injuries. Damage was estimated at \$25,000.
									Golf ball hail was reported between 1445 and 1500CST at Maypearl, Waxahachie, Palmer, and Ferris, along the path of the storm. Spotters reported a funnel as the storm passed to the northeast of Waxahachie around 1450CST. Over two inches of rain in thirty minutes produced urban flooding in Waxahachie at 1515CST.
Delta County	19	1445CST			0	0	?	?	TSTM Winds
									Trees were blown down in Cooper by winds estimated at 60 MPH.
Lasar County	19	1450CST			0	0	?	?	TSTM Winds
									Trees and power lines were reported down and blocking roads south of Paris.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED DAMAGE				CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS, Northern</b>									
Morris County	19	1500CST			0	0	?	?	TSTM Winds
					Strong thunderstorm winds downed trees and power lines around Omaha. Trees blocked some roads around the county.				
Upshur County	19	1500CST			0	0	3	?	TSTM Winds
					Trees were blown down on some houses near Gilaer.				
Johnson County	19	1500CST			0	0	3	?	Flash Flooding
					Up to four inches of rain flooded creeks and low spots around the county. A few homes received some water damage near Cleburne, and two cars were washed off a road near Burleson.				
Marion County	19	1505CST			0	0	?	?	TSTM Winds
					Strong winds downed trees along the eastern shore of Lake O' Pines in the western portion of the county.				
Cass County	19	1515CST	Short Narrow		0	0	?	?	Tornado (F1)
		1525CST			0	0	2	?	TSTM Winds
		1600CST			0	0	?	?	Hail (0.75)
					A tornado downed trees west of Avinger at 1515CST. At 1525CST, thunderstorm winds estimated at 75 MPH downed trees and blew some houseboats from their moorings at the southeast part of Wright Patman Reservoir. Three-quarter inch hail fell around 1600CST north of Hughes Springs.				
Hamilton County	19	1515CST			0	0	3	?	Hail (1.00), TSTM Winds
					One inch hail was reported at Hamilton at 1515CST. High winds blew trees down, damaging roofs on two houses.				
Bowie County	19	1525CST			0	0	?	?	TSTM Winds
		1550CST			0	0	?	?	TSTM Winds
		1630CST			0	0	?	?	Flash Flooding
		1655CST			0	0	?	?	Flash Flooding
					Thunderstorm winds estimated at 75 MPH blew the roof off a barn and downed trees near Maud at 1525CST. Trees were reported down around Dekalb at 1550CST. By 1630CST, heavy rains had caused street flooding in Dekalb. At 1655CST, 2-1/2 inches of rain had caused flooding of roads south of Dekalb.				
Red River County	19	1530CST			0	0	?	?	TSTM Winds
					Trees were blown down across Highway 37 five miles north of Clarksville around 1530CST. Tree damage was also reported in Clarksville a few minutes later.				
McLennan County	19	1530CST	Short Narrow		0	0	5	?	Tornado (F1), TSTM Winds
					Two brick homes were severely damaged near Axtell (13 miles north of Waco). Also damaged were some outbuildings, a barn, and a church.				
Hill County	19	1540CST	Short Narrow		0	2	5	?	Tornado (F1), TSTM Winds
					Several barns and two houses were damaged along Highway 31 near the Hill/McLennan County line by a tornado. Two people were slightly injured when their car was overturned near Mt. Calo. Trees and power lines were also reported down.				
Kaufman County	19	1545CST			0	0	?	?	TSTM Winds
					Trees were blown down and blocked some roads near Terrell.				
Wood County	19	1550CST			0	0	?	?	TSTM Winds
					Trees and power lines were blown down by strong thunderstorm winds. At Winnsboro, in the northern part of the county, sheet metal was blown off some barns.				
Upshur County	19	1600CST			0	0	5	?	TSTM Winds
					Strong winds blew trees and power lines down across a large portion of the county. Damage was heaviest in the Bilsler area where \$ to 10 thousand dollars worth of damage was done to a hospital roof. Winds also damaged a barn and two sheds on Mochen Lake, and a tree fell on a mobile home. Power outages were reported at Simpsonville, between Gladewater and Bilsler, Gladewater, Shady Grove, and Diana.				
Franklin County	19	1600CST			0	0	?	?	TSTM Winds
					Trees were blown down at Mt. Vernon and over the southern portion of the county.				
Titus County	19	1604CST			0	0	5	?	TSTM Winds
					An airplane was flipped over by high winds at the Mt. Pleasant Airport.				
<b>TEXAS, Northern</b>									
Linestone County	19	1617CST	Short Narrow		0	2	5	?	Tornado (F1)
					A tornado damaged three mobile homes, four vehicles, a motorcycle, a boat, two barns, and uprooted trees at Sandy near Lake Mexia. Two people were hospitalized with injuries after being trapped in their mobile home. Two others escaped injury when they jumped into a hole being dug for a septic tank.				
Corvell County	19	1630CST			0	0	5	?	TSTM Winds
					Strong winds caused a metal building to collapse on three cars (a Mercedes, a Volvo, and a Volkswagen), at Copperas Cove.				
Harrison County	19	1655CST			0	0	5	?	TSTM Winds
		1700CST			0	0	?	?	Hail (1.75)
					High winds did extensive damage in Marshall, Waskon, Karnack, Uncertain, and Bethany. Eleven roads were partially or completely blocked, and power outages were widespread. Some mobile homes were damaged near Highway 154 just west of Marshall.				
Marion County	19	1715CST			0	0	3	?	TSTM Winds
					High winds damaged some outbuildings and downed trees northeast of Jefferson.				
Leon County	19	1815CST			0	0	?	?	Hail (0.75)
					Dime size hail fell at Jewett in the northwest portion of the county.				
Shelby County	19	1945CST			0	0	?	?	Hail (1.75)
					Golf ball size hail fell at Center.				
Foard County	27	0450CST			0	0	?	?	Hail (0.75)
					Dime size hail fell at Crowell.				
Montague County	27	0920CST			0	0	3	?	TSTM Winds
					Thunderstorm winds estimated at 75 MPH damaged a barn, uprooted trees, and downed power lines at Sunset (six miles east of Bowie).				
Smith County	27	1630CST			0	0	4	?	TSTM Winds
					High winds took the roof off a packing plant, destroyed a barn, and downed trees near Troup, in the extreme southern portion of the county around 1630CST.				
Cass County	27	1730CST			0	0	4	?	TSTM Winds
					High winds blew trees down and damaged three homes ten miles west of Atlanta.				
Wichita County	30	1412CST			0	0	?	?	Funnel Cloud
		1415CST			0	0	?	?	Funnel Cloud
					Spotters reported a funnel cloud north of Holiday at 1412CST and near Iowa Park at 1415CST.				
Clay and Montague Counties	30	1600CST			0	0	?	?	Hail (1.00)
					Hail the size of quarters was reported by spotters on the Clay-Montague County line.				
Throckmorton County	30	1655CST			0	0	?	?	Hail (0.50)
					Pea size hail covered the ground at Woodson.				
Wise County	30	1825CST			0	0	?	?	Hail (0.75)
		1830CST			0	0	?	?	TSTM Winds
					Winds estimated at 50 MPH were reported at Chico at 1809 CST. Three-quarter inch hail fell at Rhoad at 1825CST, and 55 MPH winds were measured at the Bridgeport Airport at 1830CST.				
Parker County	30	1840CST			0	0	?	?	Hail (1.75)
					Golf ball size hail fell ten miles north of Weatherford at 1840CST. Winds estimated at 50 MPH were reported at Millsap at 1820CST.				
McLennan County	30	1830CST			0	0	4	?	TSTM Winds
					High winds downed trees and damaged a high school auditorium roof. Between two and three inches of rain flooded low water crossings in the southern portion of the county.				
Bell County	30	1855CST			0	0	?	?	Hail (0.50)
					Small hail was reported at Belton.				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	

## — TEXAS, Northern

Tarrant County	30 1938CST				0	0	?	?	TSTM Winds
	1948CST				0	0	?	?	Hail (.8.75)
<p>Winds estimated between 40 and 50 MPH were reported in western Fort Worth at 1938CST. Three-quarter inch hail and strong winds were reported at 1948CST at Saginaw in the northwest part of the county.</p>									
Hood County	30 2815CST				0	0	?	?	Hail (.8.75)
<p>Three-quarter inch hail fell at Whipperwill Bay on Lake Granbury.</p>									
Falls County	30 2025CST				0	0	?	?	TSTM Winds
	2108CST				0	0	?	?	Flash Flooding
<p>Tree limbs were blown down by high winds at Marlin. Lightning started a fire that destroyed a home in Marlin. Five inches of rain caused localized flooding around 2108CST.</p>									

## 41 TEXAS, Southern

Frio and Uvalde Counties	04 0200-0440CST				0	0	5	6	Hail (2.75)
	<p>A severe thunderstorm formed in the early morning hours over central Uvalde County and moved southeast into Frio County. Hail pounded a path about 8 miles wide and 30 miles long from near Knappa, in Uvalde County southeast to near Frio Town in Frio County. Hail average the size of golfballs with some reports up to the size of baseballs. The hail ruined millions of dollars worth of crops. The hail broke out car windshields, windows and skylights in homes. A few goats and sheep were killed, but livestock losses were minimal. Hail was reported to be nearly two feet in depth along some fence rows. Local residents said it was one of the worst hailstorms of recent memory.</p>								
Kerr County	08 1730CST				0	0	5	0	Hail (1.75)
<p>Golfball size hail fell in Kerrville. In the western part of the county, at the MO Ranch, hail broke out 200 windows and several car windshields. The hail at the ranch was the size of golfballs and it covered the ground. Hail fell for 15 minutes.</p>									
Edwards and Real Counties	08 1830CST				0	0	4	4	Hail (2.00)
<p>Hail up to two inches in diameter covered the ground on the Edwards-Real County line, 23 miles east of Rocksprings. The hail stripped trees, punched holes in the roof of one home, and also broke out windows in the same house.</p>									
Bandera County	08 1845CST				0	0	?	0	Hail (2.00)
<p>Several reports of hail, one to two inches in diameter, were received from west and north of the town of Medina. Hail also fell in Medina. Damage was not reported.</p>									
Val Verde County	08 1846CST				0	0	0	0	Hail (1.75)
<p>The Glasscock Ranch, in the extreme northeast part of the county, reported golfball size hail. Damage was not reported.</p>									
Houston County	08 1915CST				0	0	0	0	Wind
<p>High winds from a thunderstorm downed trees in Crockett.</p>									
Trinity County	08 1930CST				0	0	4	0	Wind
<p>High winds from a thunderstorm downed trees onto Hwy. 19, just north of the town of Trinity. A large sign was also blown over.</p>									
Polk County	08 2015CST				0	0	0	0	Hail (.75)
	08 2015CST				0	0	0	0	Wind
<p>Dime size hail was reported southwest of the town of Livingston. High winds from a thunderstorm downed trees. At least one highway, 190E was rendered impassable for a short time.</p>									
Guadalupe County	12 1626CST				0	0	0	0	Hail (.75)
	12 1626CST				0	0	4	0	Wind
<p>Hail was reported larger than marbles between New Berlin and Seguin. In the Seguin area, near Elm Creek Rd, high winds from a thunderstorm tore off a roof of a private airplane hangar. A nearby tool shop was also damaged.</p>									
Polk County	12 1808CST				0	0	0	0	Hail (1.75)
<p>Golfball size hail was reported in Livingston. Damage was not reported.</p>									
Bee County	12 1815CST				0	0	0	0	Hail (1.75)
<p>Golfball size hail fell at Blanco, which is in the extreme southeast part of the county.</p>									

## — TEXAS, Southern

Karnes County	12 1830CST				0	0	0	0	Hail (1.75)
	<p>Hail up to the size of golfballs covered the ground near Runge and Helena. Damage was not reported.</p>								
Mason County	19 1515CST				0	0	0	0	Hail (1.75)
<p>Golfball size hail fell at Mason. Damage was not reported.</p>									
Menard County	19 1515CST				0	0	0	0	Hail (1.75)
<p>Golfball size hail fell at Menard. Damage was not reported.</p>									
Llano County	19 1600CST				0	0	?	4	Hail (1.75)
<p>Large hail stripped peach trees 10 miles east of Llano. Hail the size of golfballs fell near Llano. At Lone Grove, 7 miles northeast of Llano, hail covered the ground and ruined gardens.</p>									
Burnet and Llano Counties	19 1701CST				0	0	5	?	Hail (2.00)
<p>Hail, two inches in diameter fell at Burnet. There was extensive hail damage west and southwest of Burnet in the Buchanan Dam and Inks Lake area. Many vehicles lost windshields and headlights, and were pitted and dented from the pounding of the large hail. A golf shop near a park lost most of its windows.</p>									
Travis County	19 2027CST				0	0	0	0	Hail (.75)
<p>Three quarter inch hail fell 4 miles west of Elroy which is 15 miles southeast of Austin. Damage was not reported.</p>									
Live Oak County	20 0010CST				0	0	0	0	Hail (?)
<p>Large hail was reported near Lake Corpus Christi. Size and damage was not reported.</p>									
Bee County	20 0035CST				0	0	0	0	Hail (?)
<p>Large hail fell at Skidmore. Size and damage was not reported.</p>									
Starr County	20 0428CST				0	0	?	0	Hail (2.75)
<p>Isolated hailstones up to the size of baseballs was reported by the sheriff's office in Rio Grande City. No damage was reported.</p>									
Walker County	27 2100CST				0	0	0	0	Wind
<p>High winds from a thunderstorm blew over a large oak tree just north of Pheips. The tree also damaged a nearby porch as it fell.</p>									
Montgomery County	27 2215CST				0	0	4	0	Wind
<p>High winds from a thunderstorm demolished a trailer home just east of Out and Shoot.</p>									
Zavala County	28 2130CST				0	0	5	0	Wind
<p>High winds from a thunderstorm severely damaged 5 portable metal buildings at the Crystal City High School. The metal buildings house 10 classrooms.</p>									
Webb County	29 1845CST				0	0	5	0	Wind
<p>High winds from a thunderstorm damaged the roof of a metal hangar and a warehouse at the airport. A wall was blown in on 3 trucks parked inside. A nearby shelter was also damaged. There was minor damage to a residence on the south side of Laredo.</p>									
Atascosa County	30 1950CST				0	0	0	0	Hail (1.00)
<p>One inch diameter hail was reported near Poteet. Damage was not reported.</p>									
Bexar County	30 2000CST				0	0	0	0	Hail (1.75)
<p>Golfball size hail fell at Lakeside which is on the east side of the city of San Antonio. No damage was reported.</p>									

## 41 TEXAS, Western

Fisher County	02 1530CST				0	0	0	0	Hail
	<p>3/4-inch sized hail fell in Roby.</p>								
Stonewall County	02 1545CST				0	0	0	0	Hail
<p>3/4-inch sized hail fell in Aspermont.</p>									
Scurry County	05 1955CST				0	0	?	?	Hail
<p>Softball-sized hail hit near Ira, causing undetermined damage.</p>									
Scurry County	05 2000CST				0	0	0	0	Hail
<p>Golfball-sized hail fell on the eastern side of Lake J.B. Thomas.</p>									



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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS, Western</b>									
Lubbock County	05	2200CST			0	0	?	?	Hail
									Baseball-sized hail fell near Slaton. No damage was reported.
Lynn County	05	2345CST			0	0	0	0	Hail
									3/4-inch sized hail fell 3 miles southeast of Lakeview.
Lubbock County	06	0007CST			0	0	0	0	Hail
									3/4-inch sized hail fell at Slide.
Cochran County	06	1920CST			0	0	0	0	Hail
									Golfball-sized hail fell near Lehman.
Hockley County	06	2000CST			0	0	?	?	Hail
									A severe thunderstorm produced considerable hail, mainly between Sundown and Levelland, ranging in size from peas to tennis balls. An undetermined amount of damage was inflicted, mainly to the roofs of automobiles and houses.
Hockley County	06	2005CST			0	0	?	?	Hail
									1-inch sized hail fell at Sundown. Damage, if any, was not reported.
Hockley County	06	2015CST			0	0	?	?	Hail
									3/4-inch sized hail fell near Sundown.
Terry County	06	2055CST	Short	30	0	0	0	0	Tornado (F0)
									A small tornado touched down briefly near Meadow, according to spotters.
Bailey County	06	2115CST	Short	30	0	0	0	0	Tornado (F0)
									A small tornado touched down briefly 10 miles southwest of Bula.
Hockley County	06	2205CST			0	0	3	?	Hail
									Golfball-sized hail fell near Levelland, with minor damage reported.
Hockley County	06	2240CST			0	0	?	?	Hail
									Golfball-sized hail fell in Smyer. It was unknown if damage occurred.
Terry County	19	0530CST			0	0	0	0	Hail
									Golfball-sized hail 2 miles southwest of Brownfield was reported.
Fisher County	19	0530CST			0	0	0	0	Hail
									1 1/2-inch sized hail fell in Rotan.
Nolan County	19	0715CST			0	0	?	0	Hail
									Golfball-sized hail fell in Roscoe. Damage occurrence was undetermined.
Nolan County	19	0715-0722CST	4.5	600	1	100	7	0	Tornado (F3)
									A multiple-vortex tornado developed from the same thunderstorm that brought golfball-sized hail to Roscoe at 0715CST. The tornado first touched down about 1.5 miles southwest of Sweetwater, moving northeast at approximately 50 mph. The tornado severed electric company transmission tower lines and telephone lines at 7:15 a.m. CST, then damaged a farm residence and oil tanks before crossing I-20 and entering the city.
									The storm moved through the older, southwest section of Sweetwater, destroying at least one mobile home and heavily damaging the old, weak houses in that part of the city. The tornado crossed Highway 70, which runs north-south through the central part of the city, and both broadened and intensified.
									Approximately one mile east of Highway 70, the tornado killed an 87-year old man in his residence, which was a comparatively new, well-built brick structure in a retirement complex. The structure was almost totally destroyed, as were many residences in the area. About a mile further east, a mobile home park sustained heavy damage. A total of 22 mobile homes were destroyed.
									The tornado then moved into the easternmost part of town where well-constructed brick homes sustained among the worst damage. The structures were largely unroofed, with outer walls removed and some inner walls collapsed. The tornado then moved into open country east of the city and lifted.
Midland County	23	1630CST			0	0	0	0	Wind
									The public reported a large billboard down due to wind in the 200 block of W. Florida Street in Midland.
<b>TEXAS, Western</b>									
Fisher County	25	1729CST			0	0	0	0	Hail
									Sheriff's Department Officer reported golfball-sized hail at Roby. No damage was reported.
Fisher County	25	1745CST			0	0	0	0	Hail
									Sheriff's Department Officer reported baseball-sized hail at Rotan. No damage was reported.
Howard County	25	1804CST			0	0	0	0	Hail
									Golfball-sized hail fell at Forsan, in southeast Howard County. No damage was reported.
Stonewall County	25	1810CST			0	0	0	0	Hail
									Golfball-sized hail did no apparent damage at Aspermont.
Fisher County	25	1900CST			0	0	?	0	Hail
									Softball-sized hail at Rotan broke windows at a nursing home and around town.
Scurry County	25	1902CST			0	0	0	0	Hail
									Golfball-sized hail was reported by a Snyder radio station. No damage was noted.
Scurry County	25	1910-1915CST			0	0	?	0	Hail Wind
									Widespread window and roof damage was reported in the community of Herleigh from large hail. Also, wind damage to a mobile home was reported.
Fisher County	25	1914CST	Short	30	0	0	0	0	Tornado (F0)
									A tornado touched down briefly southwest of Roby. No damage was reported.
Pecos County	26	1831CST			0	0	0	0	Hail
									Marble to quarter-sized hail fell just southwest of Bakersfield with up to 3 inches of rain.
<b>42 UTAH</b>									
UT2002-003-010-011	02-	0000MST			0	0	1	0	Heavy Snow
Wasatch Front, Great Salt Lake Desert, & Mountains	03	0600MST							
									A wet spring storm dumped heavy snow as well as large amounts of rain over much of western Utah. A few snowfall accumulations include 13 inches at Tooele, 6 inches at Fillmore, 5 inches at Centerville, 14 inches at Brighton ski resort, and 12 inches at Alta and Snowbird ski resorts.
Grand County	11	1630MST			1	0	1	0	Lightning
									A 23 year old man was killed by lightning, while at the scenic point overlooking the Colorado River, in Dead Horse Point State Park. M230
UT2002-003-006	12-	1645MST			0	0	4	0	High Wind
Great Salt Lake Desert, Wasatch Front, and Southwest	12	2200MST							
									Strong prefrontal winds gusted to as high as 75 mph on this Saturday evening. A spotter 10 miles east of Knolls reported a gust of 75 mph at about 4:45 p.m. MST. Another spotter in Pleasant Grove reported a 75 mph gust later in the storm. Other peak gusts included 72 mph at Brigham Young University, 64 mph at Cedar City, 63 mph at the St. George airport, and 63 mph in West Valley City. In the Salt Lake Valley, the high winds ripped shingles from roofs, snapped a light post, and uprooted a large tree that damaged a mobile home. A number of power lines were downed in the area. In northern Utah County, the high winds ripped the camper from a pickup truck.
UT2001-003-010	13-	0000MST			0	0	1	0	Heavy Snow
Wasatch Front, Cache Valley, and Northern Mountains	13	1900MST							
									Snowfall associated with a spring cold front blanketed much of Northern Utah with some locally heavy amounts. For the mountain sites, Alta ski resort received 18 inches of snow and Snowbird, 15 inches. In the valleys, Tooele had 6 inches, the east bench area of Salt Lake City, 7 inches and Logan, 7 inches.

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					KILLED	INJURED	PROPERTY	CROPS	

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					KILLED	INJURED	PROPERTY	CROPS	

UTAH										
UTZ006-010-011 Southwestern Valleys and Mountains	16- 17	2300MST 0600MST								Heavy Snow
Locally heavy snowfall accumulations were reported during this Wednesday night and Thursday morning. Cedar City received 6 inches of snow while a spotter 5 miles west in Cedar Canyon received 9 inches. Alta ski resort received 18 inches of new snow and Brian Head, 15 inches.										
UTZ008 Southeast Valleys	24	1830MST								High Wind
Pre-frontal winds gusted to 64 mph at the Bullfrog Marina at Lake Powell.										
UTZ003-010 Wasatch Front and Northern Mountains	26- 26	0200MST 1600MST								Heavy Snow
A major spring storm dumped widespread heavy snow across the Wasatch Front and adjacent mountain areas. Storm total snowfall accumulations included 12 inches in the east bench areas of the Salt Lake Valley, and 4-9 inches elsewhere in the valley, 4 to 7 inches in Bountiful, 7 inches at Coalville, 12 inches at Kimbal Junction, 42 inches at the Alta ski resort, and 44 inches at Snowbird.										
43 VERMONT ————— NONE REPORTED										
44 VIRGINIA										
City of Virginia Beach (Pungo area)	13	1422- 1430EST								Funnel Cloud
A small ropelike funnel associated with a slow-moving thunderstorm appeared to the west for several minutes.										
VAZ001-002 and lower VAZ004 Lower Delmarva and Tidewater	23	1100- 1200EST								Late Snow
Mixed rain and snow, the latest recorded snowfall since records were first kept in 1871, fell across the Eastern Shore, Hampton Roads, Norfolk, and the adjacent Tidewater areas.										
45 WASHINGTON ————— NONE REPORTED										
46 WEST VIRGINIA ————— NONE REPORTED										
47 WISCONSIN										
Onalaska & LaCrosse, LaCrosse Co.	25	1720- 1735CST								Hail (1.25)
A severe thunderstorm deposited hail up to half dollar size at Onalaska and the city of LaCrosse.										
Cumberland, Barron Co.	25	1730CST								Lightning
Lightning from a thunderstorm hit a transformer outside of a Cumberland restaurant, traveled along electrical wiring and into the building, then struck a man who was ladling spaghetti on a gas stove, injuring him.										
IS Westby, Vernon Co.	25	1910CST								Hail (0.75)
3/4 inch diameter hail fell from a severe thunderstorm 1S of Westby.										
Kendall, Monroe Co.	25	1912CST								Hail (1.75)
Golf ball hail from a severe thunderstorm was deposited at Kendall.										
5N Middleton, Dane Co.	25	1943CST								Hail (1.75)
Hail up to golf ball size was generated by a severe thunderstorm 5N of Middleton.										
1N Portage, Columbia Co.	25	2003CST								Hail (1.75)
A severe thunderstorm dumped hail up to golf ball size 1N of Portage.										

WISCONSIN										
Necedah, Juneau Co.	25	2025CST								Hail (0.75)
3/4 inch diameter hail from a severe thunderstorm was reported at Necedah.										
48 WYOMING										
Laramie County	02	2000MST								High wind
Gusts to 55 mph were logged at the Cheyenne airport.										
Platte County and Laramie County	03	0710- 2030MST								Blizzard
Sustained winds of 35 to 50 mph and near zero visibility in blowing snow closed roads in the southeast corner of the state. Gusts to 65 mph were logged at Granite Reservoir, near the west border of Laramie County. Eight inches of snow were reported at Cheyenne and Granite Reservoir at mid evening.										
Natrona County	03	0840MST								Snow
Six inches of new snow were reported near Pathfinder Reservoir.										
Albany County	03	2030MST								Snow
Eight inches of snow fell at Laramie from morning through mid evening.										
Goshen County	03	2230MST								Snow
Twelve inches of snow were reported 30 miles south of Torrington.										
Yellowstone National Park	13	0650MST								Snow
Six inches of snow fell overnight at Mammoth, in Yellowstone National Park.										
Sundance, Crook County	14	Overnight								High wind
A large storage building was blown over at Sundance.										
Laramie County	14	0955MST								High wind
Gusts as high as 60 mph were logged at the Cheyenne airport. A tractor-trailer truck hauling a mobile home was flipped over. The driver and his wife were injured.										
Sweetwater County	17	1605MST								Snow
Eight inches of snow fell during the day at Rock Springs.										
Laramie County	17	2200MST								Snow
Twelve inches of snow fell during the day near Granite Reservoir, near the west border of Laramie County.										
Niobrara County	18	0210MST								Snow
Six inches of new snow were reported at Lusk.										
Goshen County	24	1905MST								Hail (2.0)
Golfball size hail was reported at Jay Em, about 35 miles north-northwest of Torrington.										
Laramie County	27	1925MST								High wind
Wind gusts to around 55 mph were logged at the Cheyenne airport.										
Washakie County	29	1515MST								High wind
The metal roof was torn from a pig barn at Worland. There was also some power line and fence damage.										
49 ALASKA, Northern ————— NO REPORT RECEIVED										
49 ALASKA, Southern ————— NO REPORT RECEIVED										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1986

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>49 ALASKA, Southeastern</b>																				
Southern Southeast Alaska	26				0	0	0	0	High Winds											
		An intense frontal system crossed Southeast Alaska early on the 26th, bringing winds gusting to almost 60 mph to the southern sections of the panhandle.																		
<b>50 HAWAII</b>																				
HIZ004 Hawaii	03	1430HST	1/4	50	0	0	3	0	Tornado (F0)											
		A small tornado touched down briefly in Waiakea Uka near Hilo and destroyed a greenhouse. Nearby buildings were not damaged.																		
HIZ004 Hawaii	03	1900HST			0	0	4	0	Flash Flooding											
		Heavy thundershowers caused scattered flash flooding over the Hamakua, Hilo and Puna districts. Many rock slides occurred along the highway north of Hilo, particularly where up to 15 inches of rain fell in a few hours.																		
HIZ004 Hawaii	04	2200HST			0	0	4	0	Lightning											
		Thunderstorms in the Hilo area caused scattered lightning damage to transformers and switchgear.																		
HIZ004 Hawaii	08	0700HST			0	0	5	0	Flash Flooding											
		Heavy rains along the Hamakua coast extended into the Waimea and Kohala area, and also southward into the Puna and Kau districts. Several roads were closed due to the rock slides and falling trees. The heavy rains lasted 48 to 72 hours in some areas, and rainfalls were measured in feet. Some wind damage occurred in the area, and on the other islands as well. A roof was blown off of a school building at Manakuli on Oahu.																		
<b>51 PUERTO RICO</b> ————— NONE REPORTED																				
<b>52 VIRGIN ISLANDS</b> ————— NONE REPORTED																				
<b>53 PACIFIC</b> ————— NONE REPORTED																				

# STORM SUMMARY

APRIL 1986

STATE	TORNADOES					HAILSTORMS				WINDSTORMS				LIGHTNING				FLOODING				HEAVY SNOWSTORMS AND BLIZZARDS				# ICE STORMS				# ALL OTHER			
	NUMBER	DAYS	DEATHS	INJURIES	+DAMAGE	DEATHS	INJURIES	+DAMAGE		DEATHS	INJURIES	+DAMAGE		DEATHS	INJURIES	+DAMAGE		DEATHS	INJURIES	+DAMAGE		DEATHS	INJURIES	+DAMAGE		DEATHS	INJURIES	+DAMAGE					
								PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS				
Alabama																																	
Arizona																																	
Arkansas	1	1			5			4																									
California																																	
Colorado																																	
Connecticut																																	
Delaware																																	
Florida																																	
Georgia	2	1			5			4	6	3																							
Idaho																																	
Illinois	1	1			4			3			5																						
Indiana																																	
Iowa	3	1	1	2	6			3	4																								
Kansas	12	3			5			6	5																								
Kentucky	2	1		2	5			3	3																								
Louisiana	5	3		3	5			5																									
Maine																																	
Maryland & DC																																	
Massachusetts																																	
Michigan	1	1			6																												
Minnesota	3	2		2	6					1		5																					
Mississippi	4	2		1	6																												
Missouri	3	1			2			5		3																							
Montana																																	
Nebraska	17	4		1	6			5		3																							
Nevada																																	
New Hampshire																																	
New Jersey																																	
New Mexico																																	
New York																																	
North Carolina																																	
North Dakota																																	
Ohio	1	1			6	5																											
Oklahoma	4	3		2	6																												
Oregon																																	
Pennsylvania																																	
Rhode Island																																	
South Carolina																																	
South Dakota	3	1			6			3		3																							
Tennessee	1	1			6	5																											
Texas	20	5	1	106	7	1		5	6	1																							
Utah																																	
Vermont																																	
Virginia																																	
Washington																																	
West Virginia																																	
Wisconsin																																	
Wyoming																																	
Alaska	#																																
Hawaii	1	1			3																												
Pacific																																	
Puerto Rico																																	
Virgin Islands																																	

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

## LATE REPORTS

## LATE REPORTS

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED <sup>1</sup> DAMAGE				CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED <sup>1</sup> DAMAGE				CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

### 17 MAINE

JANUARY 1986

Statewide 27- Morning EST 0 0 6 0 Flooding

30  
A combination of weather elements produced all types of flooding across the state. On Saturday, snow accumulated from about one inch in the southeast upwards to 7 inches in the mountains. This was quickly followed by the so-called January thaw with warm temperatures statewide, accompanied by copious amounts of rain on Sunday night and Monday. Rainfall totals were from about two inches along the coast to around six inches in the foothills during the 48 hour period. The frozen ground also aided the rapid runoff from the rain and snowmelt. Low-lying areas became ponds, flooding numerous cellars and basements of homes and businesses. Also, several secondary roadways in the mountains were washed out. The ice-covered streams and rivers began to rise and, in turn, produced ice jams that caused flooding. The flooding in Maine was not as severe as the flooding in New Hampshire. Two major rivers in Maine were affected. At Augusta, the Kennebec River reached flood stage (13 feet) at 1500EST on Monday, crested at 22.5 feet at 1000EST, Tuesday, and finally went within its banks at 0100EST, Thursday. This was the worst flooding episode on the Kennebec in 50 years. Along the river, in Gardiner, Augusta, and Hallowell, many homes and businesses had flooded cellars and basements, some almost to the ceiling. Huge ice chunks also compounded the damage by breaking through doors and windows. Several vehicles left in low-lying parking lots were severely damaged by the ice and water. In Richmond, the Richmond-Dresden bridge had framework damaged by the flood. The other major river to flood was the Androscoggin River, where an ice jam closed roads and a few evacuations were necessary in Canton. The river was only 3.5 feet over flood stage by Monday evening, and back within its banks by noon, Tuesday. Fryeburg, on the upper reaches of the Saco River, had widespread flooding of low-lying areas due to ice jams. Ice jams on the Sheepscot River caused floods that closed roads in Alna. In northern Aroostook County, Caribou set a record high of 52 degrees on Monday and saw the snow on the ground dwindle from 14 inches to just 3 inches by Tuesday morning, along with 3/4 inches of rain. Two roads were temporarily closed. The foreman of the Caribou Public Works said, "There was lots of damage as far as road shoulders, driveways, and furnaces, with water coming into cellars and potato storage sheds." Seven cross-country skiers were trapped by floods in Baxter State Park. They were rescued by a National Guard helicopter early Wednesday morning, when the weather improved. The Little Androscoggin River had ice jams that caused evacuations in West Paris, while an ice jam on Stony Brook closed roads in Paris. On Thursday, a one-mile long ice jam on the Mattawankeag River caused flooding that isolated 10 families on River Road in Mattawankeag. Also, ice jams on the East Branch of the Penobscot River left 6 to 7 feet of water in cellars of dwellings along the river in Grindstone and Hay Brook, Thursday morning.

### 27 NEW HAMPSHIRE

JANUARY 1986

Statewide 26- Morning EST 0 0 6 0 Flooding

27  
A combination of weather elements produced all types of flooding across the state. On Saturday, snow accumulated from only a few inches in the south upwards to 14 inches in the mountains and north. This was quickly followed by the so-called January thaw with warm temperatures statewide, accompanied by copious amounts of rain, Sunday and Monday. Rainfall totals ran from about 2 inches in the southeast to a little over 7 1/2 inches atop Mt. Washington during the 48 hour period. The frozen ground also aided the rapid runoff from the rain and snowmelt. Low-lying areas became ponds, flooding numerous cellars and basements of homes and businesses. The ice-covered rivers and streams began to rise. This, in turn, produced ice jams which caused the major damage from flooding. Many schools and businesses were forced to close or curtail operations drastically, Monday and Tuesday. A total of 37 towns reported damage. Approximately 35 roads were closed statewide, and about 23 remained closed during part of Tuesday. Also, there were about 230 people evacuated due to the flooding, with 88 to 100 still in shelters, Tuesday. Power outages were scattered throughout the state, with the Bath area hardest hit as 800 customers were powerless for several hours. The major ice jam problem areas across the state were at Peterborough (Hillsborough County) where the Contoocook River destroyed the town's only motel with ice and water. The Fire Chief said, "This was the worst flooding since the '38 hurricane." The Souhegan River in Milford (Hillsborough County) had an ice jam that was three quarters of a mile long and 4 to 5 feet thick. The ice jam on the Androscoggin River in Shelbourne (Coos County) stranded 100 cows in a barn, of which 16 drowned before being rescued. In Grafton County, ice jams on the Pemigewasset River produced major flooding in Plymouth, Holderness, and Campton. Plymouth was cut off when the river rose 10 feet above flood stage. Also, Woodsville on the Ammonoosic River saw the 150 year old Woodsville-Bath covered bridge damaged and closed after being battered by 8 foot ice floes. In Claremont (Sullivan County), the ice jam caused major flood damage. In the above-mentioned towns, the major damage was to dwellings that had their walls buckled by the fast-moving waters which carried huge blocks of ice. Also, many furnaces in these homes were destroyed or received extensive water damage. Needless to say, most of the evacuations and closed roads occurred in the aforementioned towns.





## REFERENCE NOTES

- † Storm damage categories are from 1 to 9 as follows:
- 1 Less than \$50
  - 2 \$50 to \$500
  - 3 \$500 to \$5,000
  - 4 \$5,000 to \$50,000
  - 5 \$50,000 to \$500,000
  - 6 \$500,000 to \$5 Million
  - 7 \$5 Million to \$50 Million
  - 8 \$50 Million to \$500 Million
  - 9 \$500 Million to \$5 Billion

- \* Miles instead of yards
- \*\* Yards instead of miles
- @ Includes heavy sleet storm
- # Freezing drizzle and freezing rain, commonly known as glaze
- ≠ Not received or incomplete
- o/c Under Estimated Damage, Property/Crops, indicates crop damage amount is included in the figure given

### Definition of Fujita Tornado Scale (F scale)

(F0) Gale tornado (40-72 mph): Light damage  
Some damage to chimneys; break branches off trees; push over shallow-rooted trees; damage sign boards.

(F1) Moderate tornado (73-112 mph): Moderate damage  
The lower limit (73 mph) is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.

(F2) Significant tornado (113-157 mph): Considerable damage  
Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3) Severe tornado (158-206 mph): Severe damage  
Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.

(F4) Devastating tornado (207-260 mph): Devastating damage  
Well-constructed houses leveled; structure with weak foundation blown off some distance; cars thrown and large missiles generated.

(F5) Incredible tornado (261-318 mph): Incredible damage  
Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 m; trees debarked; incredible phenomena will occur.

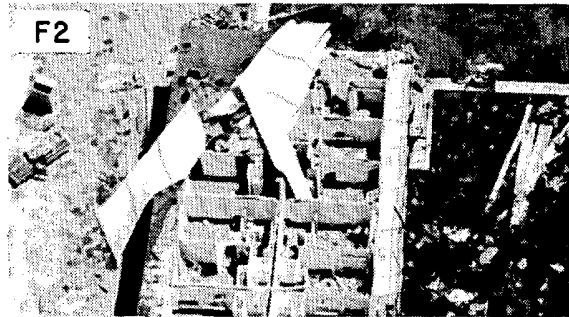
(F6-F12) (319 mph to Mach 1, the speed of sound):  
The maximum wind speeds of tornadoes are not expected to reach the F6 wind speeds.

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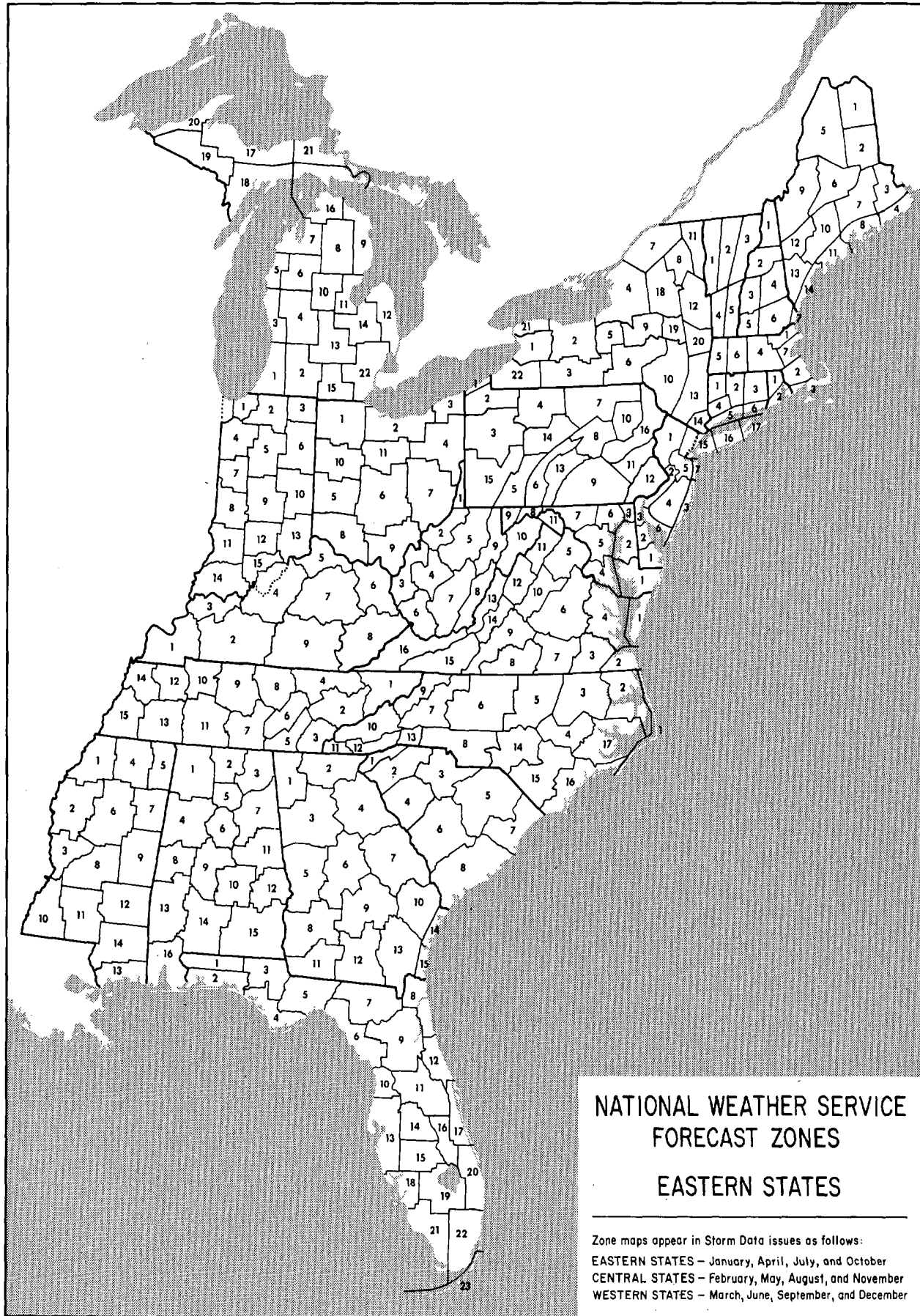
(F0+F1) *Weak Tornado*  
(F2+F3) *Strong Tornado*  
(F4+F5) *Violent Tornado*

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