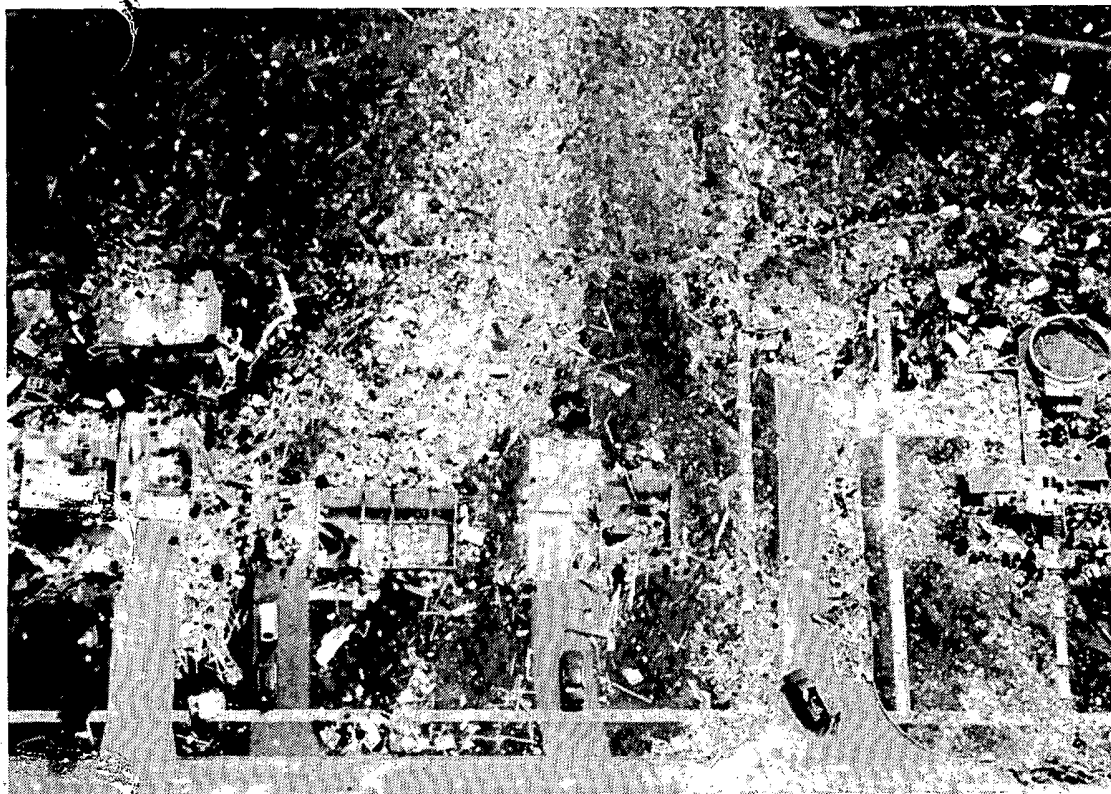


MAY 1985

VOLUME 27

NUMBER 5

STORM DATA



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Kenneth D. Walden

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND
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NATIONAL ENVIRONMENTAL SATELLITE,
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NATIONAL CLIMATIC DATA CENTER,
ASHEVILLE, N.C.

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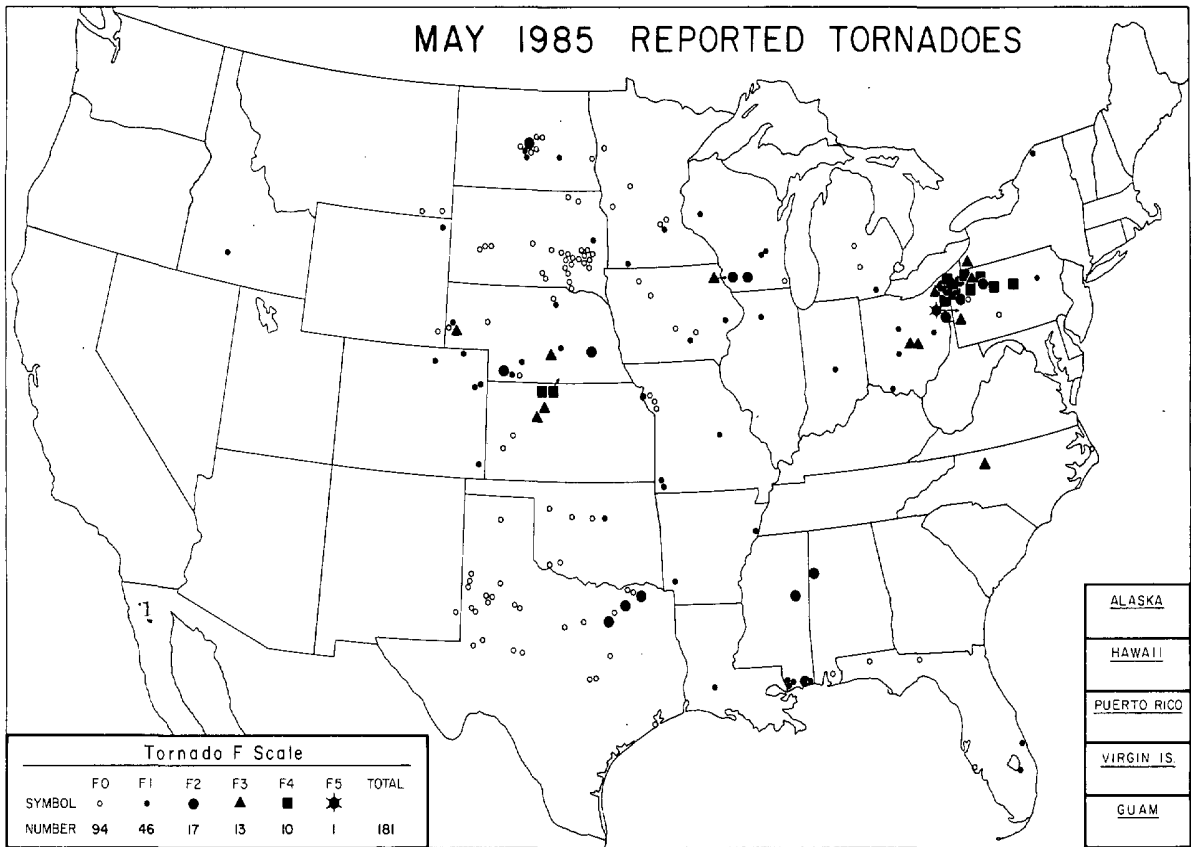
Cover: Homes in Niles, Ohio that were destroyed as a tornado, one of several that struck Ohio, Pennsylvania, New York and Ontario on May 31, 1985, moved through the town (see TORNADO OUTBREAK in the UNITED STATES and CANADA, pages 5 through 16). ---Photo by Duane J. Stiegler, University of Chicago.

NOTICE: Recent issues of Storm Data have been delayed beyond normal schedules in order to research material for the "Outstanding Storms of the Month" feature. We apologize for this delay and will return Storm Data distribution to normal schedule before the end of 1985.

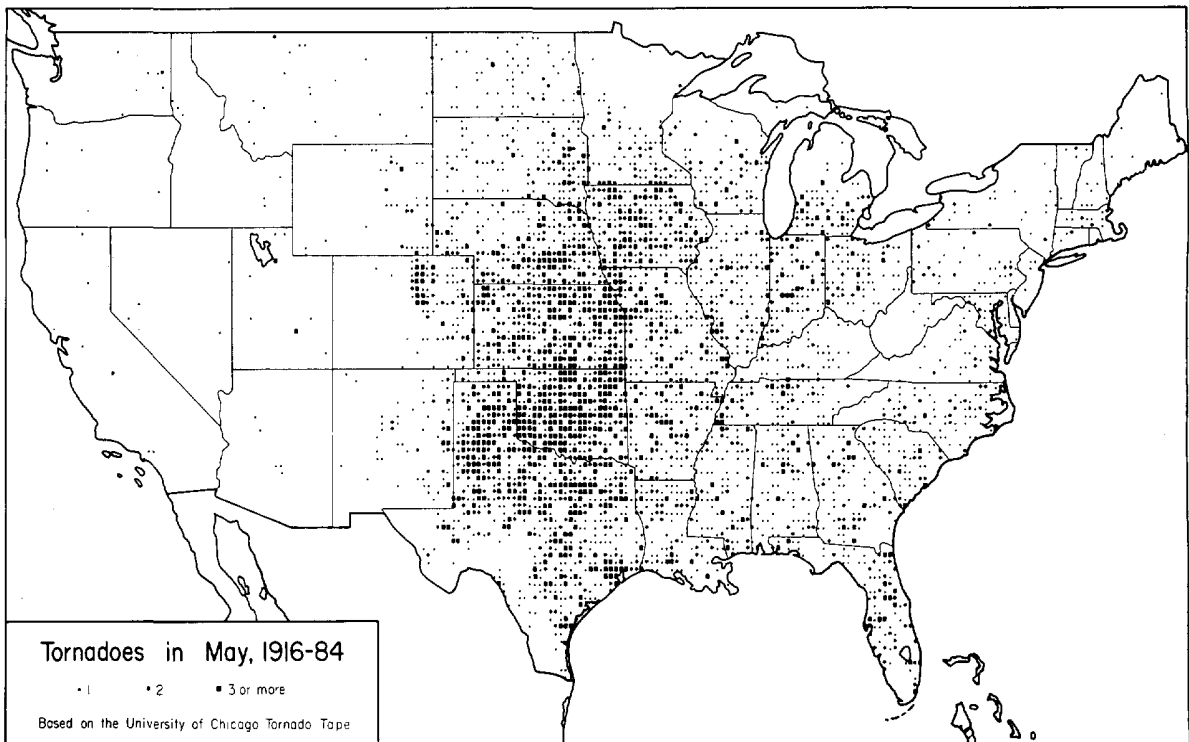
NOTE: The section on Outstanding Storms of the Month is prepared by Professor T. Theodore Fujita, editor, and Duane J. Stiegler, associate editor, University of Chicago. The narrative descriptions of Storms by State and Summaries of Hurricanes and Tropical Storms are prepared by the National Weather 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.

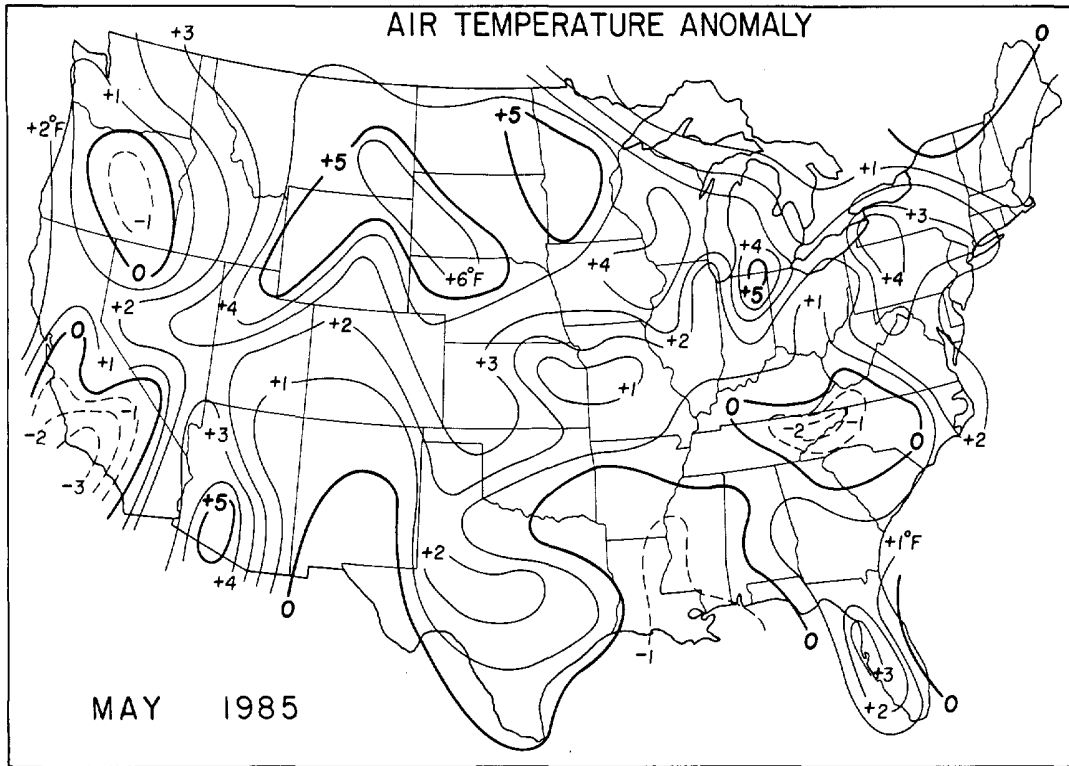
STORM DATA - (ISSN 0039-1972) is published monthly. Subscription, pricing, and ordering information is available from:
National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Federal Building, Asheville, NC 28801-2696.

OUTSTANDING STORMS OF THE MONTH



<ul style="list-style-type: none"> ● COMPLETE REPORT RECEIVED ⊙ PRELIMINARY REPORT RECEIVED ○ REPORT NOT RECEIVED <p>(N) northern (W) western (S) southern (C) central (E) eastern (O) coastal (SE) southeastern</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>● 1AL</td><td>● 7DE</td><td>● 14KS</td><td>● 21MN</td><td>○ 28NJ</td><td>● 33OH</td><td>● 39SD</td><td>● 44VA</td><td>● 49AK(SE)</td></tr> <tr> <td>● 2AZ</td><td>● 8FL</td><td>● 15KY</td><td>● 22MS</td><td>● 29NM</td><td>● 34OK</td><td>● 40TN</td><td>● 45WA</td><td>● 50HI</td></tr> <tr> <td>● 3AR</td><td>● 9GA</td><td>● 16LA</td><td>● 23MO</td><td>○ 30NY(O)</td><td>● 35OR</td><td>● 41TX(N)</td><td>● 46WV</td><td>● 51PR</td></tr> <tr> <td>● 4CA(N)</td><td>● 10ID</td><td>● 17ME</td><td>● 24MT</td><td>● 30NY(C)</td><td>● 36PA(E)</td><td>● 41TX(S)</td><td>● 47WI</td><td>● 52VI</td></tr> <tr> <td>● 4CA(S)</td><td>● 11IL</td><td>● 18MD</td><td>● 25NE</td><td>● 30NY(W)</td><td>● 36PA(W)</td><td>● 41TX(W)</td><td>● 48WY</td><td>● 53PC</td></tr> <tr> <td>● 5CO</td><td>● 12IN</td><td>● 19MA</td><td>● 26NV</td><td>● 31NC</td><td>● 37RI</td><td>● 42UT</td><td>○ 49AK(N)</td><td></td></tr> <tr> <td>● 6CT</td><td>● 13IA</td><td>● 20MI</td><td>● 27NH</td><td>● 32ND</td><td>● 38SC</td><td>● 43VT</td><td>○ 49AK(S)</td><td></td></tr> </table>	● 1AL	● 7DE	● 14KS	● 21MN	○ 28NJ	● 33OH	● 39SD	● 44VA	● 49AK(SE)	● 2AZ	● 8FL	● 15KY	● 22MS	● 29NM	● 34OK	● 40TN	● 45WA	● 50HI	● 3AR	● 9GA	● 16LA	● 23MO	○ 30NY(O)	● 35OR	● 41TX(N)	● 46WV	● 51PR	● 4CA(N)	● 10ID	● 17ME	● 24MT	● 30NY(C)	● 36PA(E)	● 41TX(S)	● 47WI	● 52VI	● 4CA(S)	● 11IL	● 18MD	● 25NE	● 30NY(W)	● 36PA(W)	● 41TX(W)	● 48WY	● 53PC	● 5CO	● 12IN	● 19MA	● 26NV	● 31NC	● 37RI	● 42UT	○ 49AK(N)		● 6CT	● 13IA	● 20MI	● 27NH	● 32ND	● 38SC	● 43VT	○ 49AK(S)	
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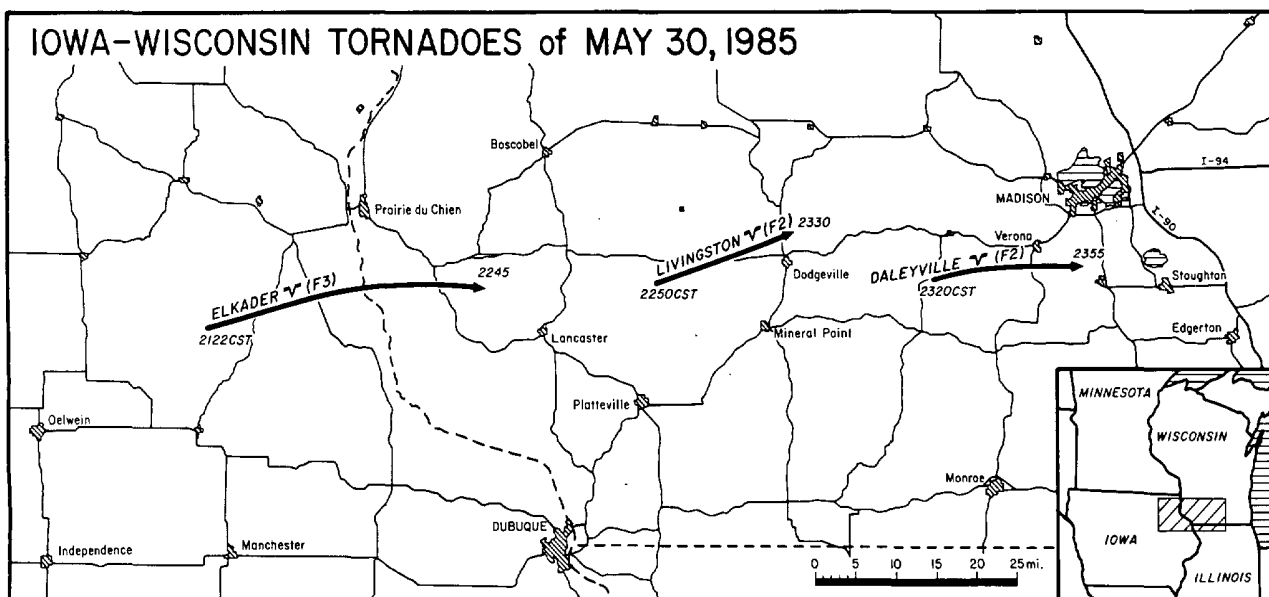




---Data base from NOAA/USDA Joint Agricultural Weather Facility.

1. TORNADES in IOWA and WISCONSIN on May 30, 1985

On the evening of May 30th, a thunderstorm produced a family of 3 tornadoes as it moved eastward through northeast Iowa and southwest Wisconsin. The first tornado (F3) killed 2 people when it struck the County Care Facility as it passed just north of Elkader, Iowa. It travelled 22 miles through Iowa, producing \$9 million in damage before it crossed the Mississippi River and carved 11 more miles of damage path through Wisconsin. The two additional tornadoes in Wisconsin did extensive damage of up to F2 intensity to numerous farms, with the last damage occurring about 5 miles south of Madison, the state capitol. ---Map information supplied by NWSFOs at Des Moines, Iowa and Milwaukee, Wisconsin.



2. TORNADO OUTBREAK in the UNITED STATES and CANADA on May 31, 1985

On the afternoon of May 31st, thunderstorms along and ahead of a strong cold front produced the most devastating outbreak of tornadoes since the Superoutbreak of April 3-4, 1974. Most of the tornadoes occurred in two separate areas, one between Lake Ontario and Georgian Bay in Canada, and the other centered in northwestern Pennsylvania (see map below). Of the 41 tornadoes mapped, 1 was F5, 9 were F4, 11 F3, 9 F2, 9 F1, and only 2 were F0. 74 deaths and over 850 injuries occurred in the United States alone.

UNITED STATES-CANADA TORNADO OUTBREAK of MAY 31, 1985



No.	TORNADO NAME	No.	TORNADO NAME	No.	TORNADO NAME	No.	TORNADO NAME
1.	Rush Cove	8.	Wagner Lake	17.	Dorset	26.	Lamont
2.	Hopeville	9.	Reavoro	18.	Linesville	27.	Tidioute
3.	Corberton	10.	Alma	19.	Saegerton	28.	Kane
4.	Borden	11.	Ida	20.	Centerville	29.	Moshannon State Forest
5.	Essa	12.	Rice Lake	21.	Thompson Run	30.	Watsontown
6.	Barrie	13.	Minto	22.	Mesopotamia	31.	Holenback
7.	Grand Valley	14.	Albion	23.	Kinsman	32.	Wheatland
		15.	Corry	24.	Atlantic	33.	Big Bend
		16.	Busti	25.	Tionesta	34.	Emlenton
						35.	Middleton
						36.	Beaver Falls
						37.	Penn Run
						38.	Utica
						39.	Cooperdale
						40.	London
						41.	West Union

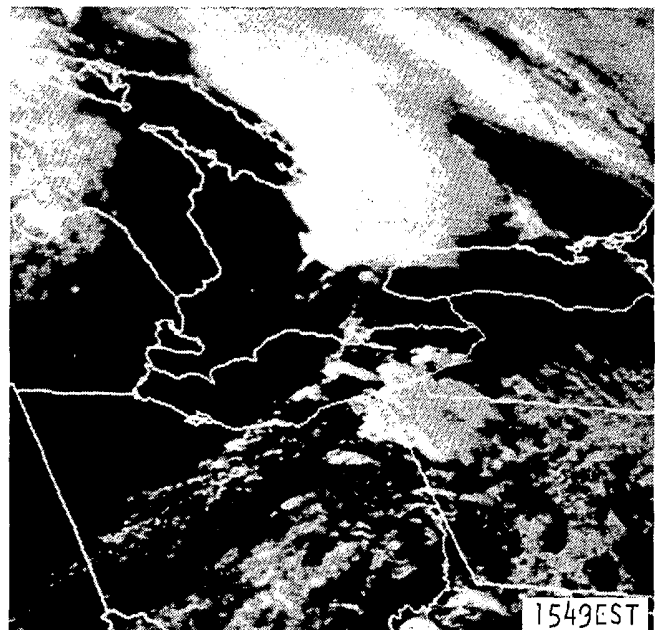
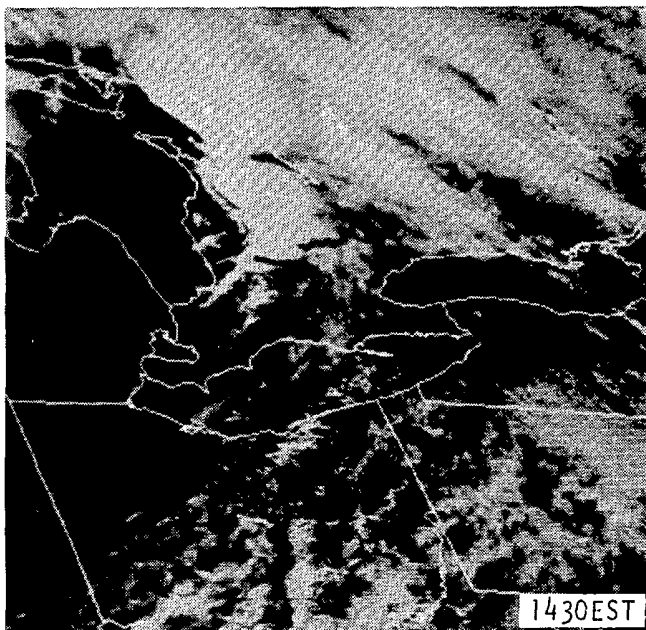
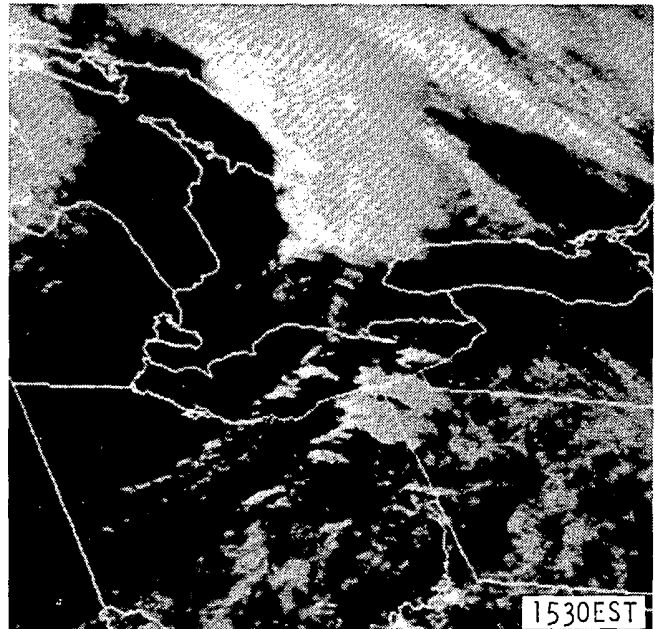
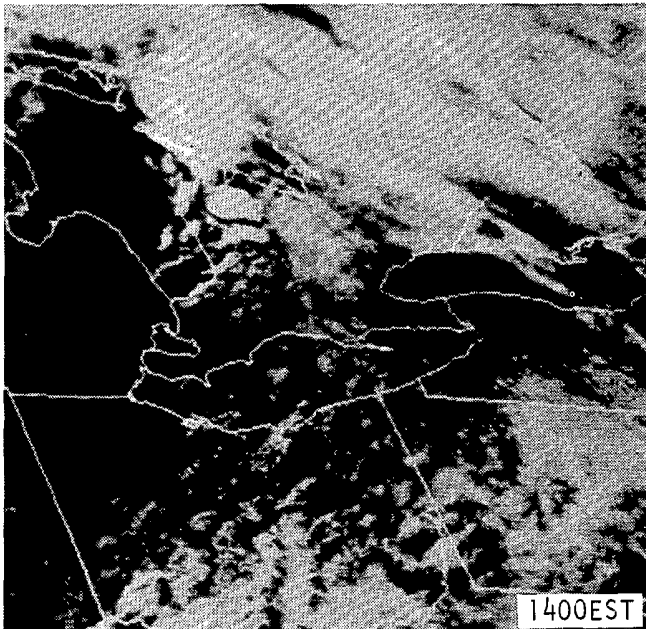
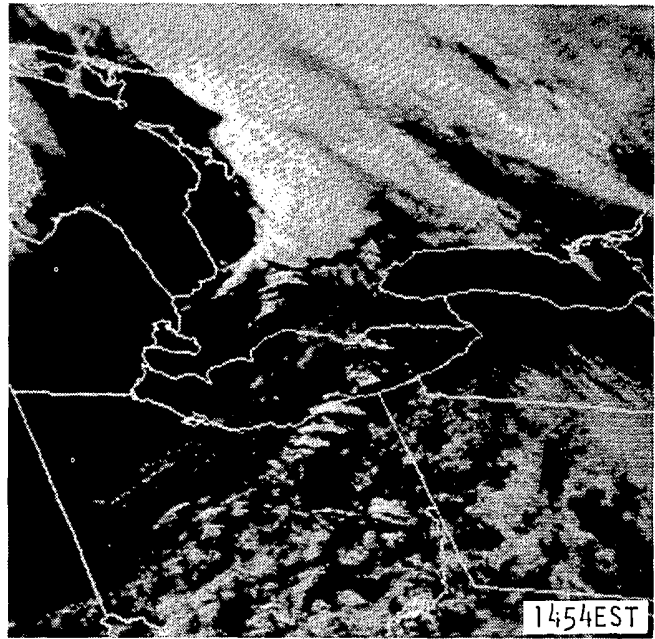
---This outbreak map was prepared at the University of Chicago based on the following data sources available as of October 8, 1985:

Aerial and ground surveys of Ohio, Pennsylvania and New York tornadoes by Duane Stiegler, University of Chicago and Greg Forbes, Pennsylvania State University. Aerial survey of Canadian tornadoes by Brian Smith, University of Chicago and the Canadian Weather Service.

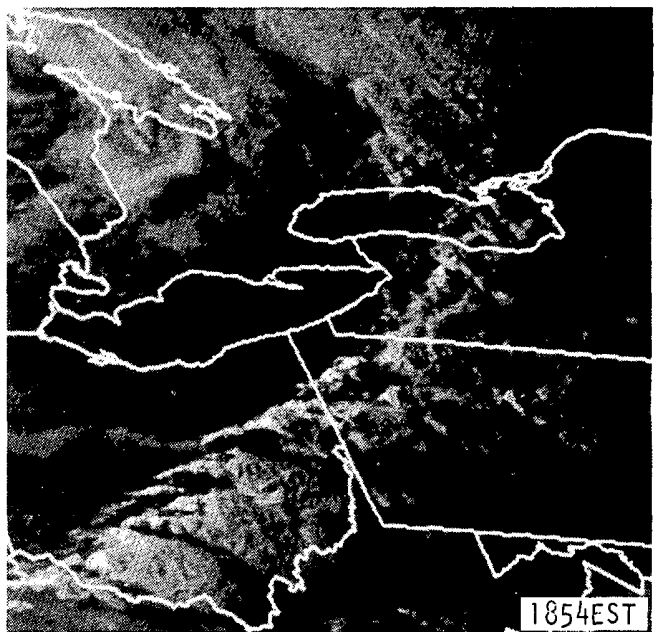
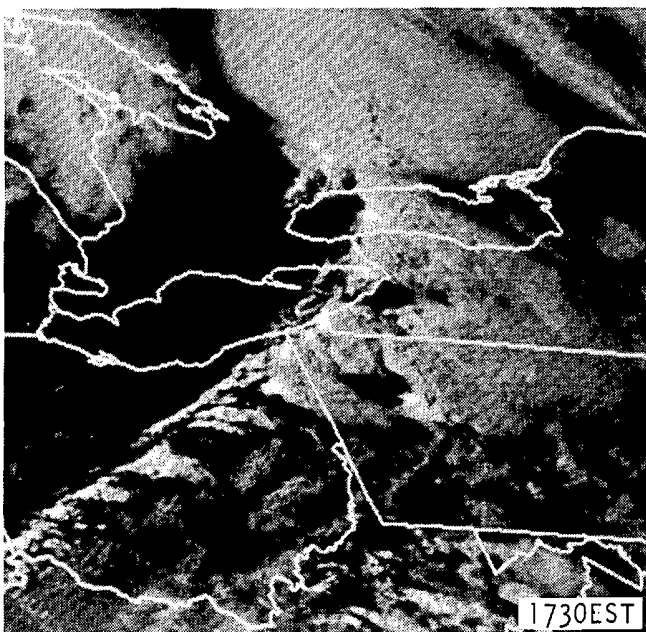
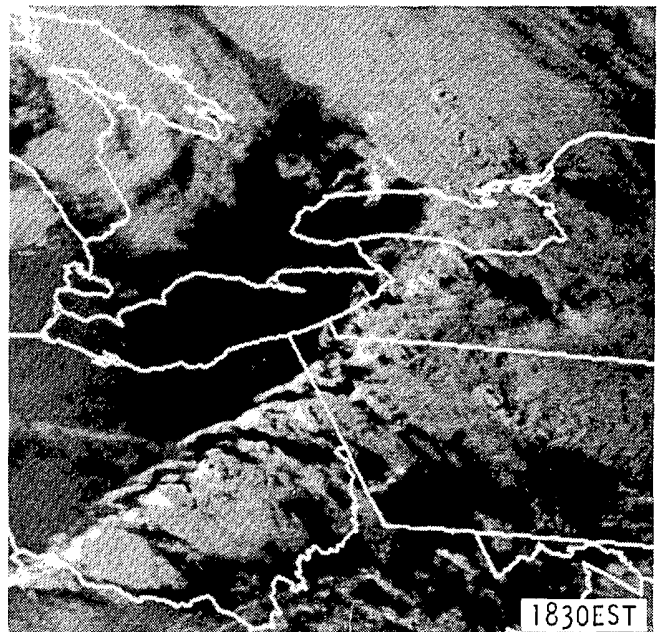
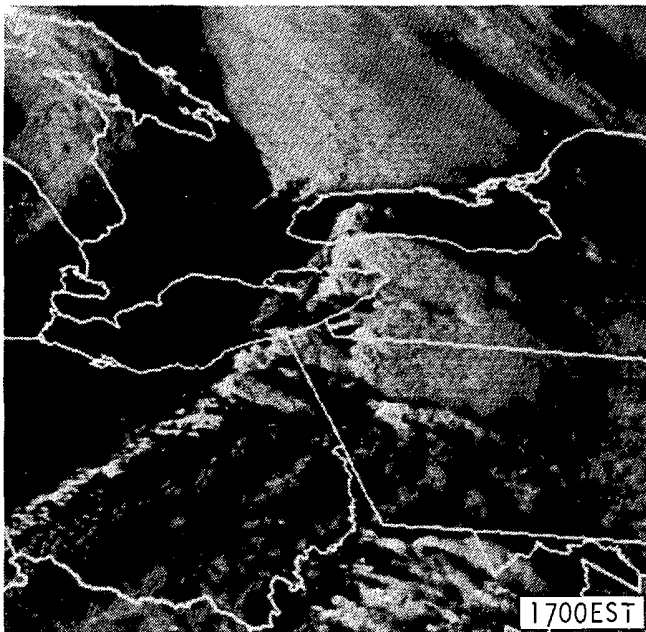
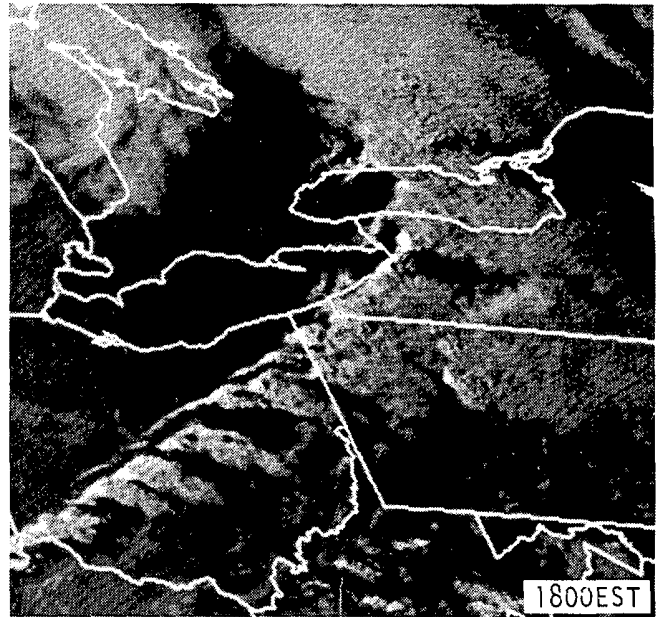
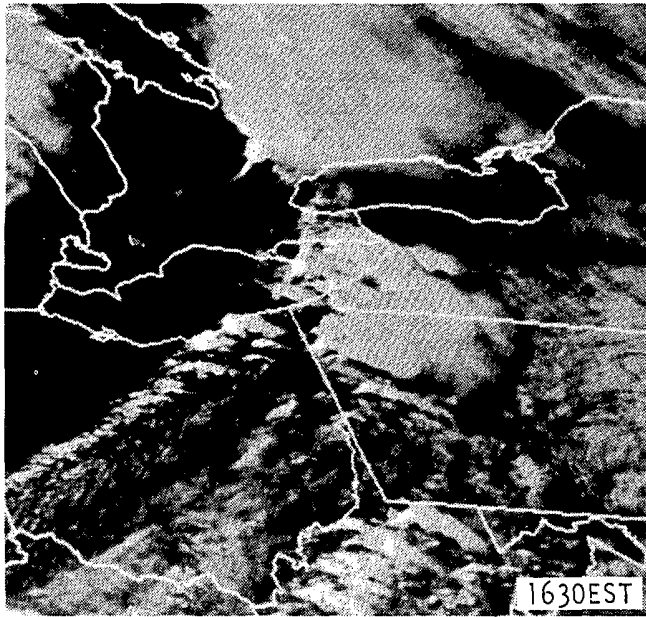
*Discrepancies between the above map and the individual state reports have not yet been resolved. Revisions will appear in a future issue.

TORNADO OUTBREAK in the U.S. and CANADA ---- continued

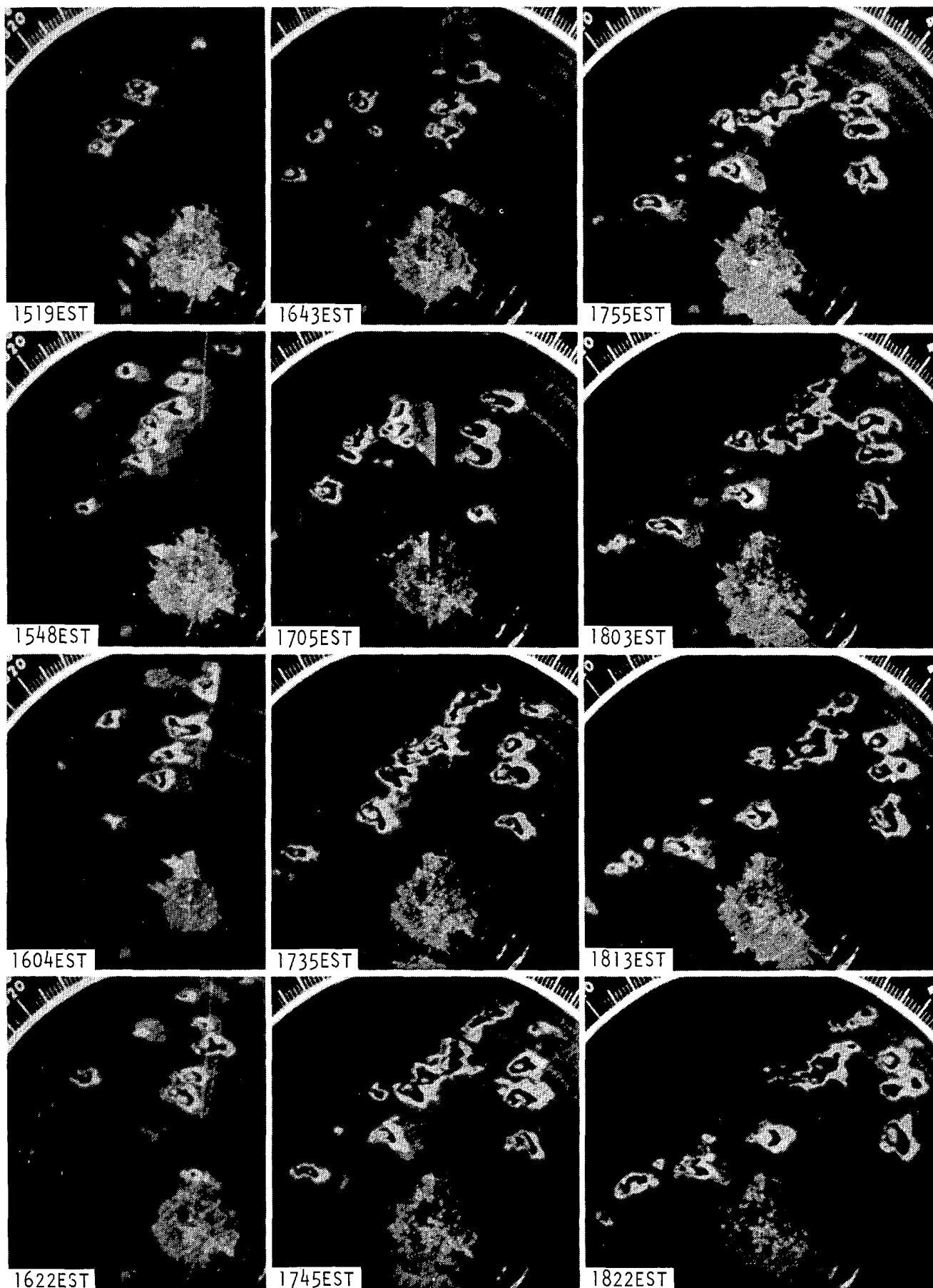
On this and the opposite page are GOES 6 satellite, visible images taken at approximately half-hour intervals during the tornado outbreak on May 31st. Thunderstorms began developing southward along an eastward-moving cold front during the late afternoon. Note the division between the northern part of the thunderstorm line, which developed first and corresponds to the Canadian Tornado area, and the thunderstorm cluster that developed along the south shore of Lake Erie, accounting for the separation of the tornado areas. Many of the U.S. tornadoes accompanied thunderstorms that formed in the warm sector ahead of the cold front, rather than along it. ---Photos produced by McIDAS, University of Wisconsin.



TORNADO OUTBREAK in the U.S. and CANADA ---- continued

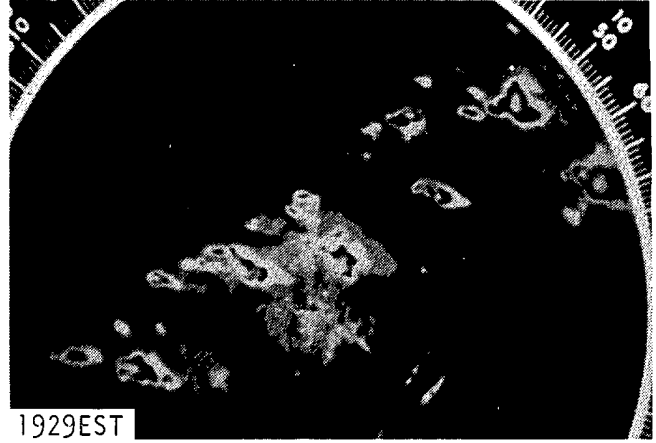
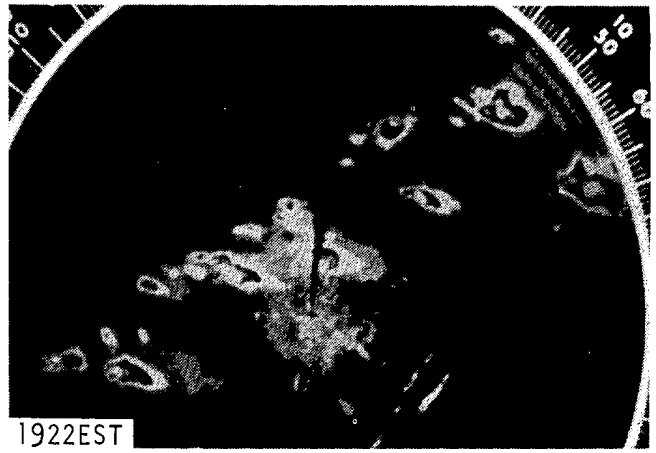
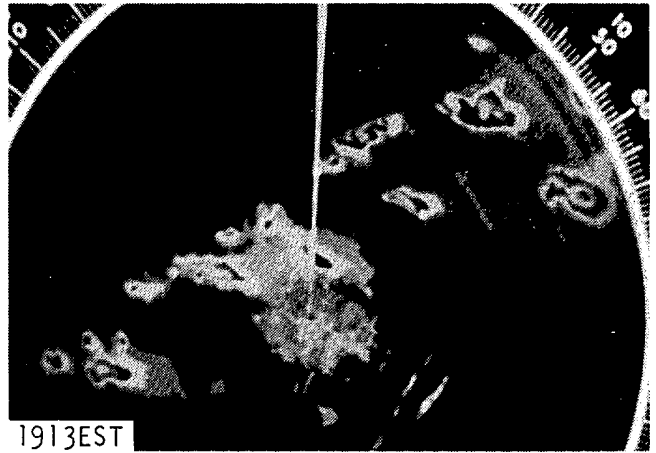
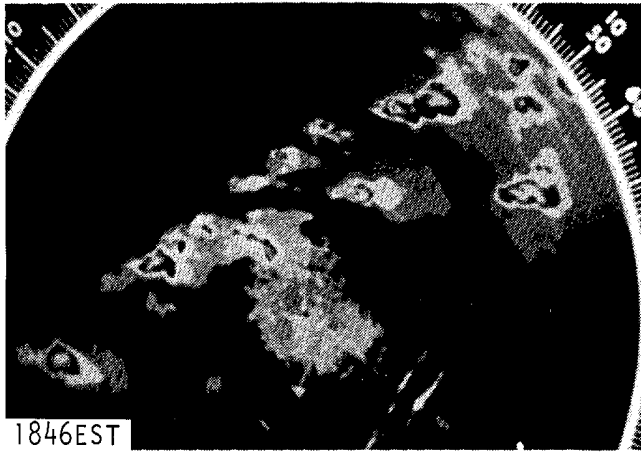
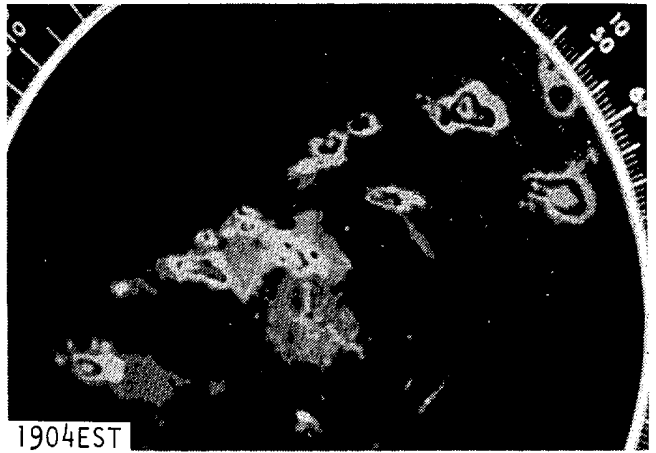


TORNADO OUTBREAK in the U.S. and CANADA ---- continued



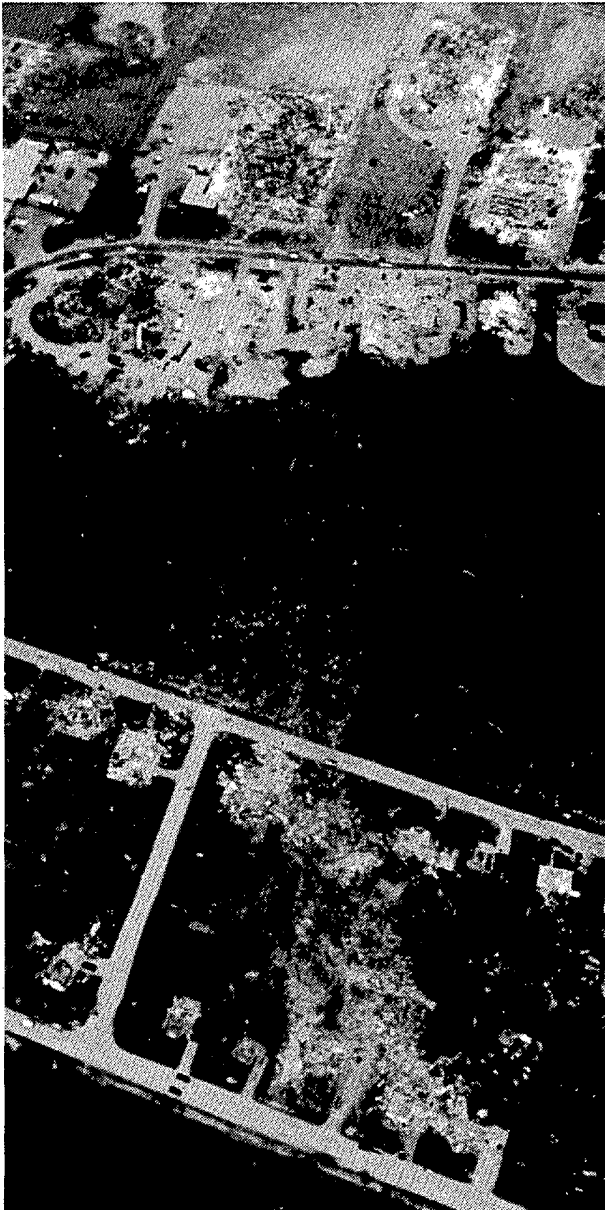
A sequence of PPI scope images taken from the WSR-57 radar at Pittsburg, Pennsylvania during the tornado outbreak on May 31st. The individual cells, many of which reached level 6 intensity, often exhibited characteristics associated with rotating thunder-

TORNADO OUTBREAK in the U.S. and CANADA ---- continued

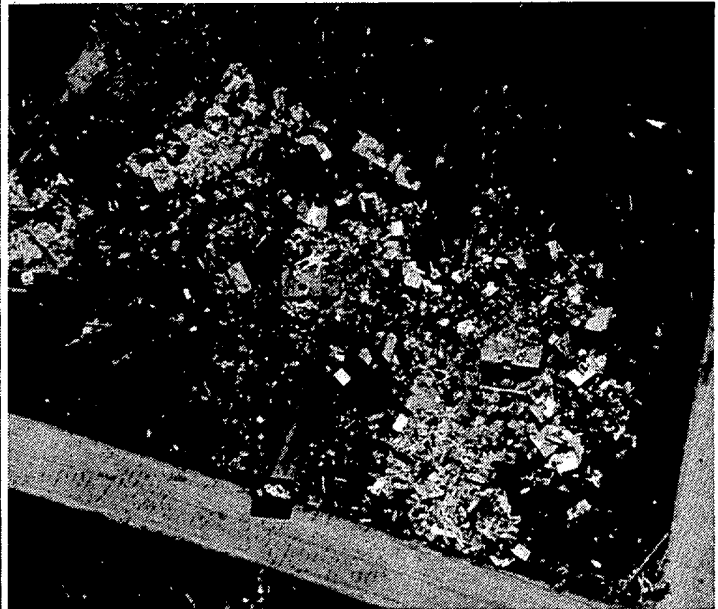


storms. Many displayed features such as trailing appendages or hooks which are additionally indicative of tornado production. ---Radar microfilm from NCDC.

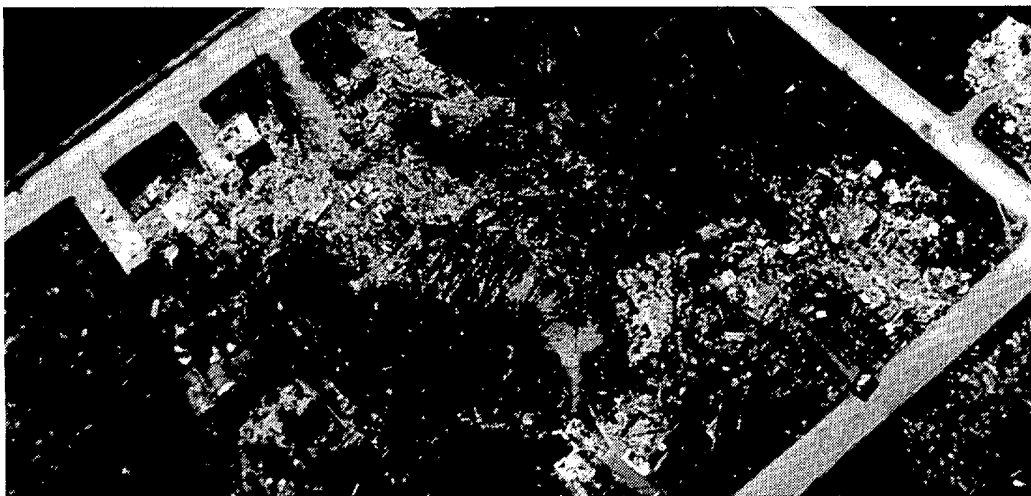
TORNADO OUTBREAK in the U.S. and CANADA ---- continued



A factory that took a direct hit from the Barrie Tornado in Ontario, Canada.



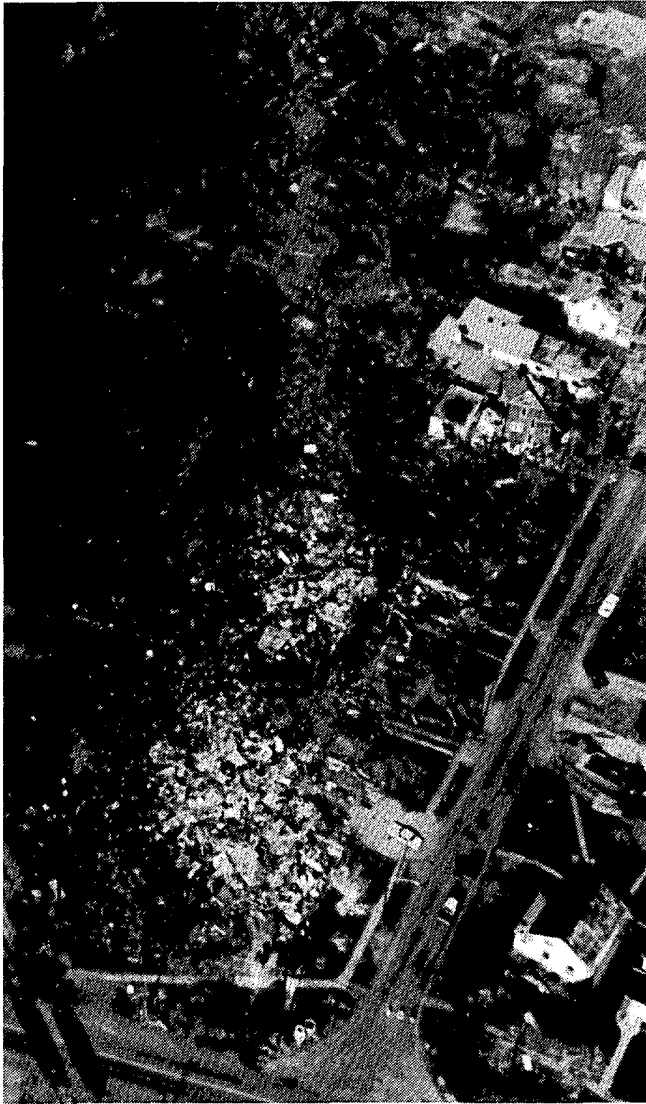
View along the path of the Barrie Tornado where it moved from a residential into an industrial area (left), and a close view of two of the leveled homes (right).



Barrie homes that suffered the worst damage inflicted by the tornado, some having only the foundation left.

---All photos by Brian Smith, University of Chicago.

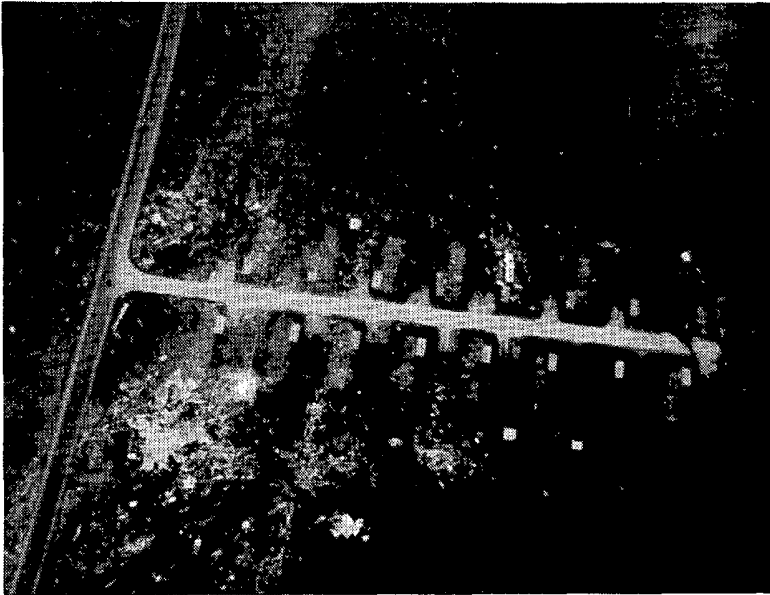
TORNADO OUTBREAK in the U.S. and CANADA ---- continued



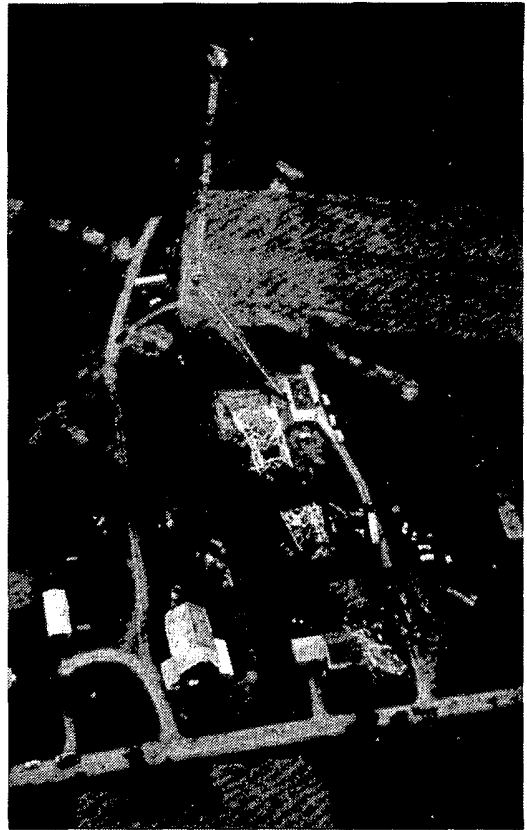
Above are two aerial views of Albion, Pennsylvania, looking northeast along the tornado's damage track from the southwest edge of town (left) and through the center of Albion (right). Below are destroyed homes along Albion's main street.



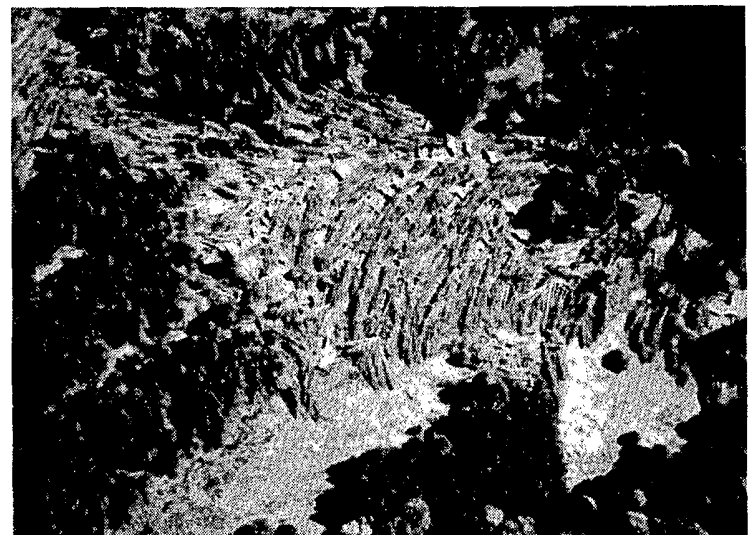
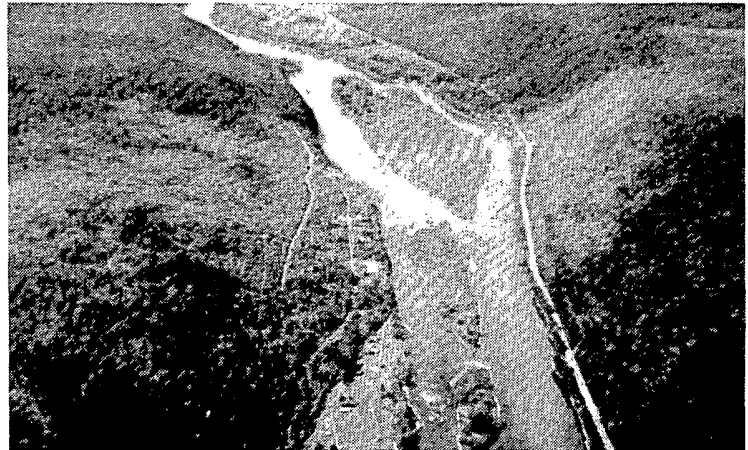
TORNADO OUTBREAK in the U.S. and CANADA ---- continued

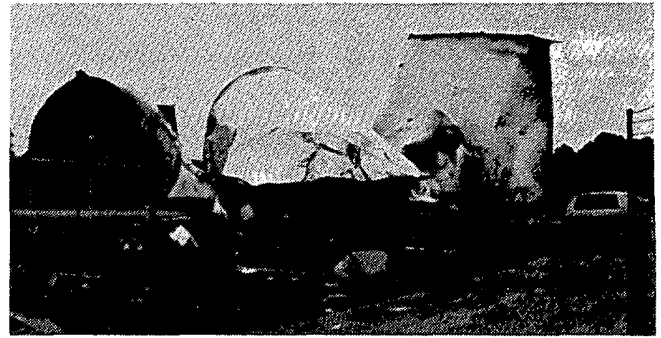


Destruction was complete for this mobile home park just west of Atlantic, PA. A communications tower (right) that was toppled by the tornado east of Atlantic was quickly replaced with a temporary tower within three days after the tornado. Atlantic, being a small town, was practically totalled.



Patterns of trees downed by the Tionesta Tornado show the fan-like shape of a microburst (foreground, above) next to the tornado track, the point where the tornado crossed the Allegheny River (above right), and a small vortex pattern near the tornado's end (right).





Destruction caused by the Wheatland Tornado included this petroleum tank farm (left and above) on the west edge of Niles, Ohio. Some of the tanks were bounced a considerable distance.



Warehouse damage in Niles included the collapse of the end of one building as the tornado clipped its edge.

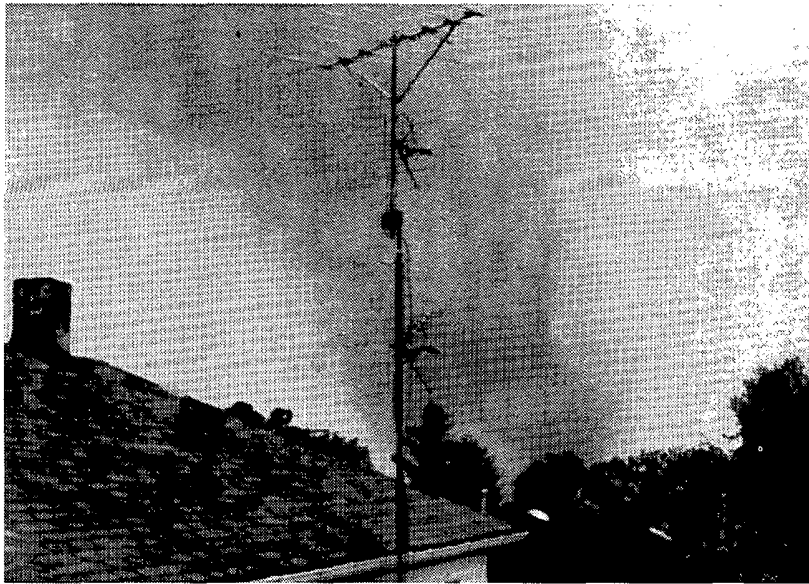
At right is typical damage and/or destruction that was received by many of the homes in Niles.





A residential area of Niles, Ohio that was obliterated by the Wheatland Tornado.

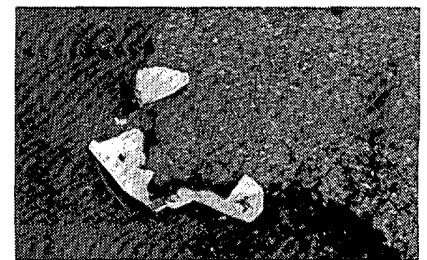
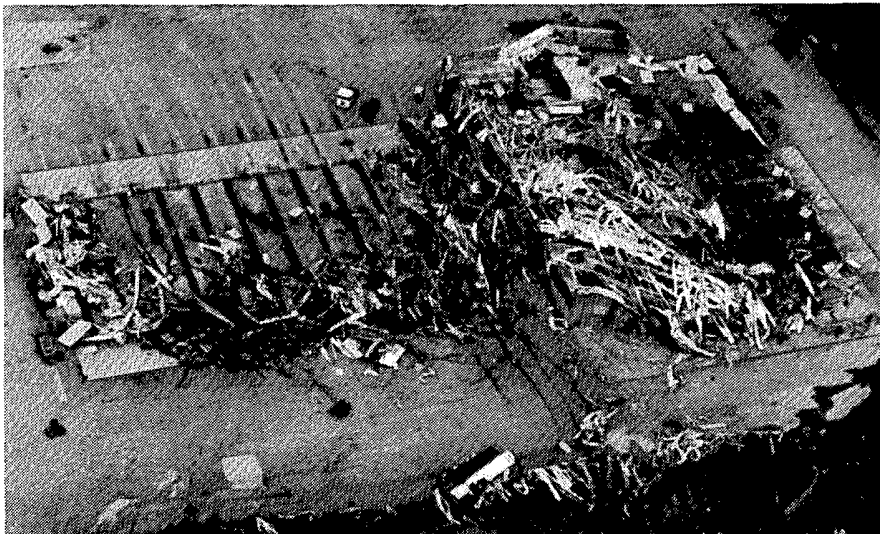
TORNADO OUTBREAK in the U.S. and CANADA ---- continued



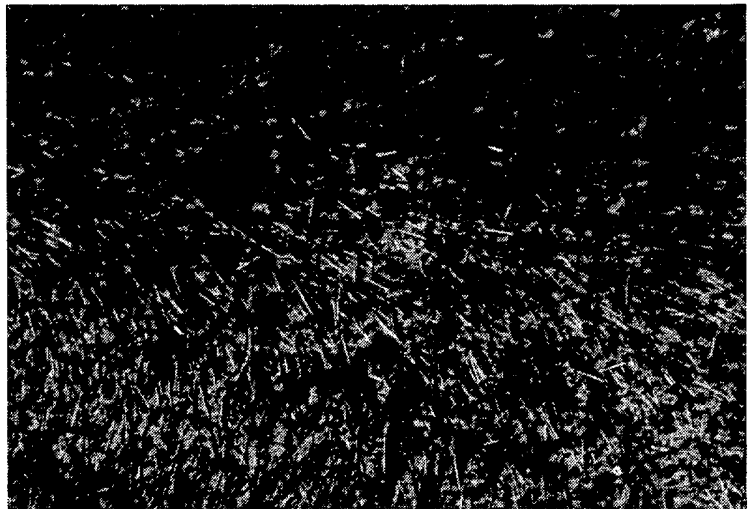
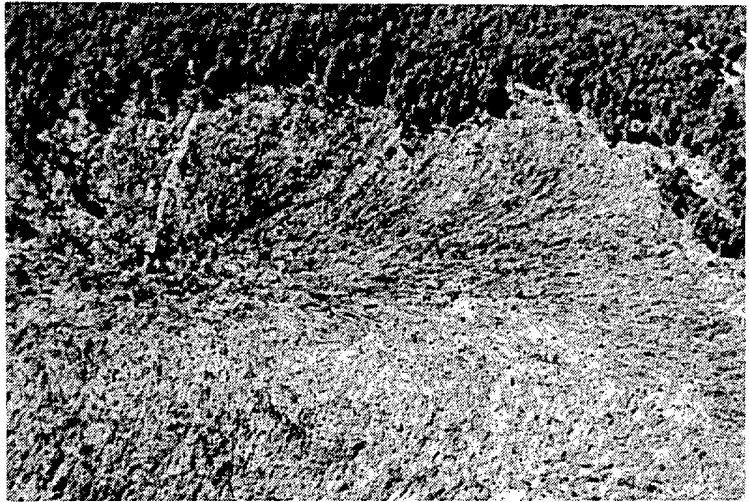
Rick Cione of Farrell, PA took this photo of the Wheatland Tornado as it moved through Wheatland. Destruction in Wheatland was so complete that much of the town resembled a bombed out battle field. ---Photo submitted by Matthew Goral of Hermitage, PA.



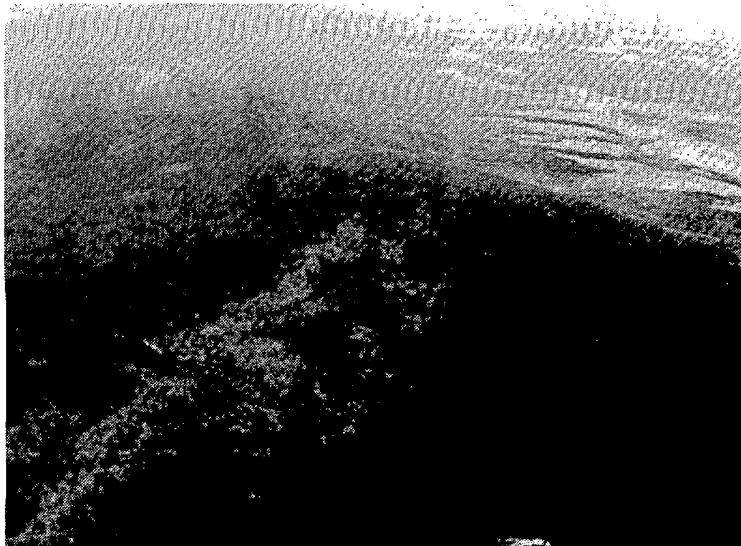
A Wheatland home that was blown loose from its foundation (left), and one where one person died and all that remains is the cellar and part of the foundation. ---Both photos by Matthew Goral, Hermitage, Pennsylvania.



A trucking plant on the east edge of Wheatland that was twisted beyond recognition. Asphalt was peeled and lifted from the parking lot (right) by the tornado's winds, and routing slips from the plant were found wedged under the remaining asphalt.



Above to right are increasingly closer views of the forest damage caused by the Kane Tornado. Devastation was so complete near the path's center that every tree was either uprooted or snapped off at the base. Many ended up defoliated and/or debarked.

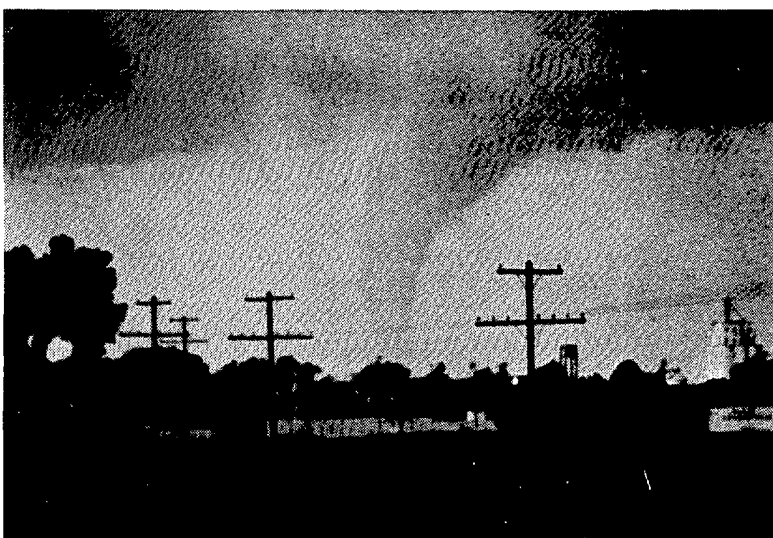


The Watsonstown Tornado weakened as it climbed the mountain ridge above near Williamsport, PA; but reintensified as it made its way down the back side. The tree damage at right was part of a 75 mile-long path left by the Moshannon State Forest Tornado, which at times produced damage 1.5 miles wide.

---All photos on pages 11 through 16 are by Duane J. Stiegler, University of Chicago; except where otherwise noted.



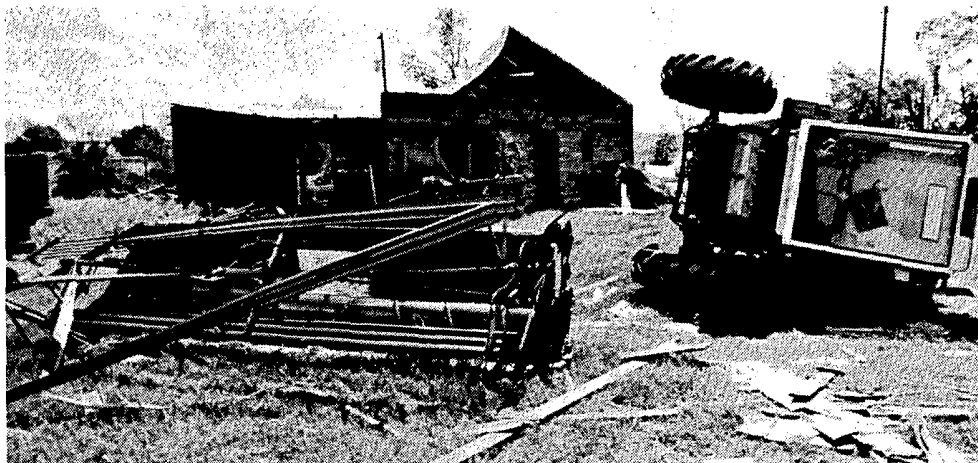
The Ellis Tornado, captured on film by Lu Verne Ridgway, is shown approaching the Ridgway farm, 4 miles west of Ellis (above left); moving north, shortly after damaging the farm (above); and in the distance with a close-up view of the destruction left behind (left). Mr. Ridgway took the first photo and ducked into the basement just seconds before the tornado struck. After a few minutes, he returned to the surface to take the remaining photos. The Ridgway farm was also destroyed by a tornado on June 6, 1974.



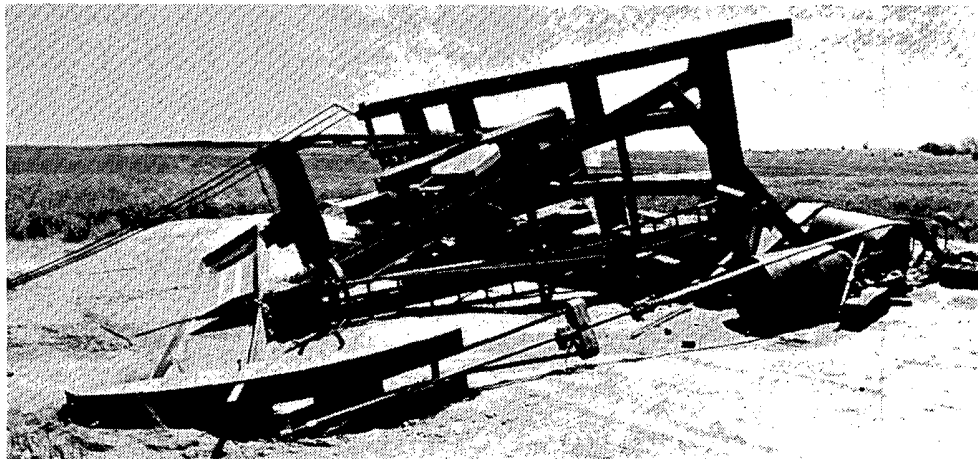
Photos of the Ellis Tornado were also taken by the Hays Fire Chief, Wayne Schwartz. At left, the tornado is seen as Wayne was looking west from 1 mile east of Ellis, with Ellis in the foreground.

At the top of the following page are two more views captured by Wayne as the tornado moved between Ellis and Ogallah, near the Riga interchange of Interstate 70.

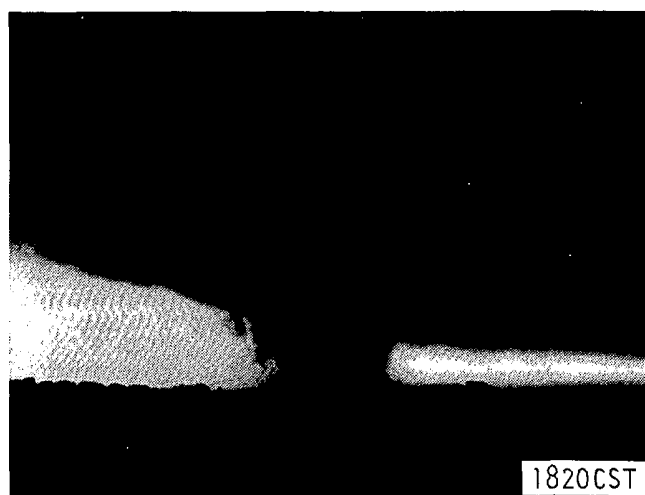
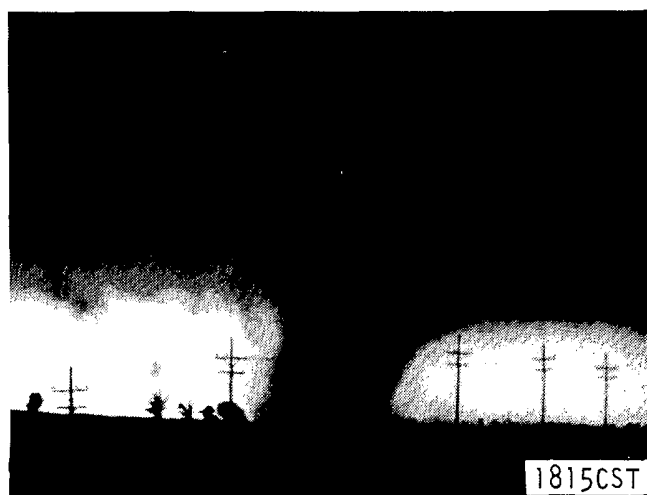
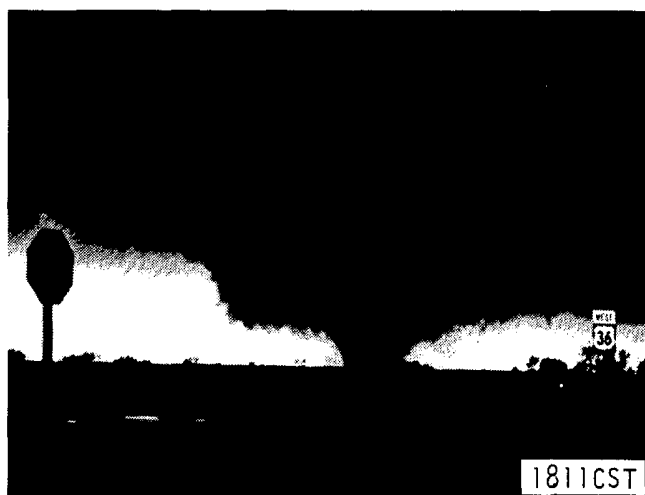
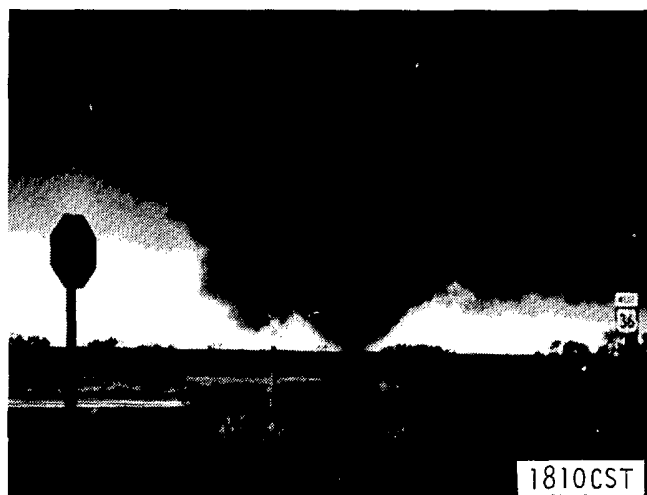
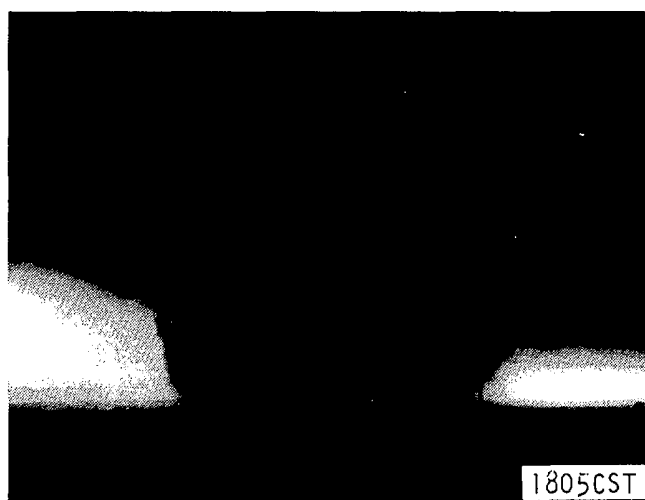
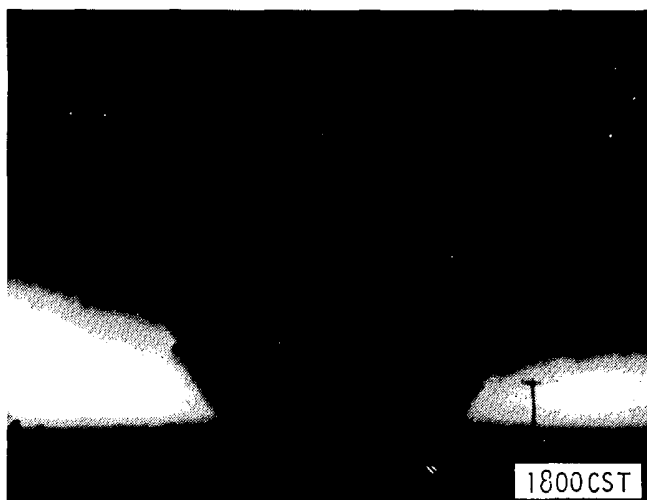
TORNADOES in KANSAS and NEBRASKA ---- continued



Damage at a farm 1 1/4 miles northwest of Zurich (above), and a toppled oil pumping unit 2 miles north of Zurich (below); both of which resulted from the Zurich Tornado. ---Both photos courtesy of the Plainville Times.



TORNADOES in KANSAS and NEBRASKA ---- continued



A photo sequence of the Agra Tornado taken by high school teacher and Agra resident, Bob Scales from different locations near the Kansas town. In the short period, the tornado column exhibited a variety of shapes and sizes.

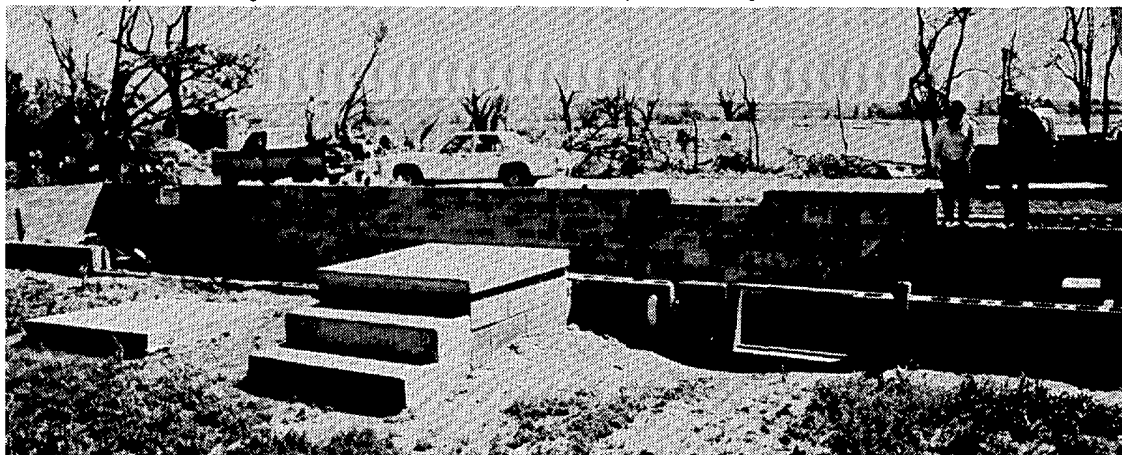
TORNADOES in KANSAS and NEBRASKA ---- continued



Cleanup begins on a damaged farm 2 miles north of Agra.
---Photo by Charlie Riedel.



Debris was strewn a considerable distance from a foundation (left), victims sift through the rubble of their home (right), and the basement of a home (below), in which a couple and three children sought refuge from the approaching tornado under mattresses. Locations were all about 10 miles north and 2 miles east of Agra.
---All three photos by Louis Prohaska, Phillips County Review.

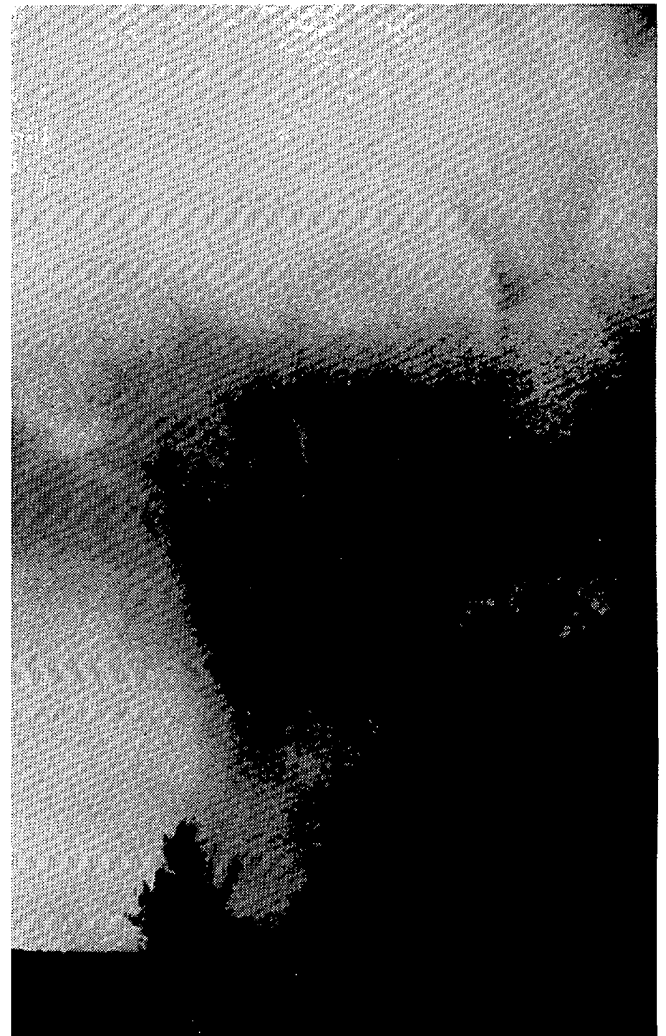
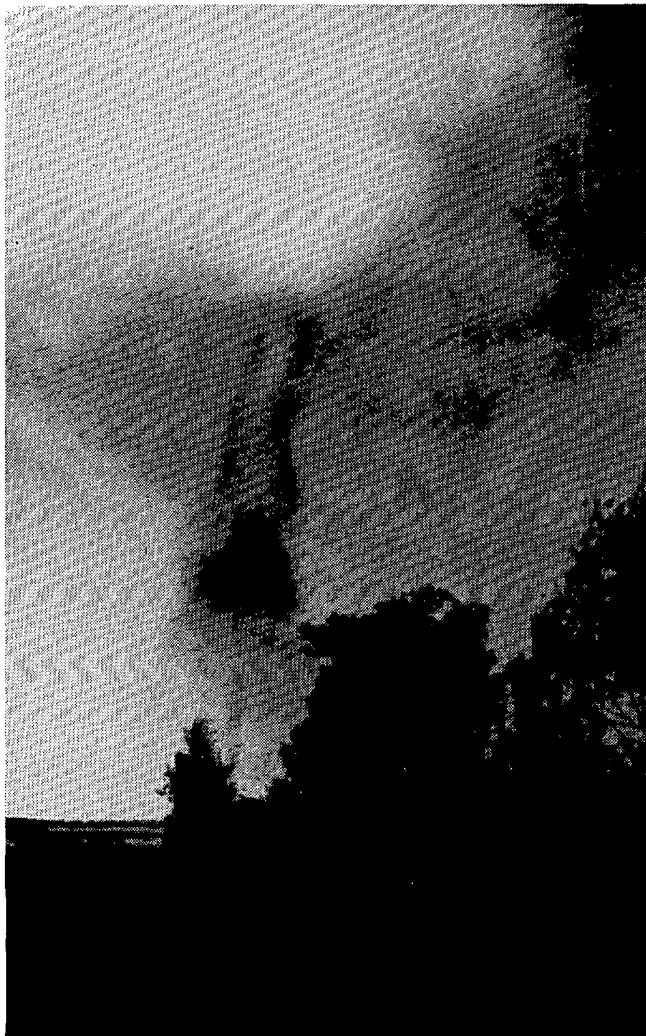


4. TORNADO at FEDORA, SOUTH DAKOTA on May 11, 1985

The photos on this and the following page were taken by Delores Walter on May 11th as a tornado passed in a southeast to northwest direction from about 3 1/2 miles southeast to 2 miles southwest of her location, 5 miles south and 2 miles east of Fedora in Miner County, South Dakota. She had been feeding a calf when she noticed a funnel aloft through an open barn door. Rushing out for a better look, she then noticed dust rising from the ground below the funnel. By the time she got her camera, the tornado was as it looks in the first photo. The first photo was taken at 1705CST, and the last at 1720CST. The second to last photo shows the tornado as it sucked up water from a lake. ---Photos supplied by Kay Meehan, NWSFO Sioux Falls, SD.



TORNADO at FEDORA, SOUTH DAKOTA ---- continued



STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

1 ALABAMA									
Kushla, Mobile County	01	1115CST			0	0	?	?	Hail
Police reported hail the size of golf balls in the Kushla area about 5 miles NW of Mobile.									
Lamar County	01	1437CST	3.2	100	0	0	5	0	Tornado (F2)
A tornado touched down on Lamar County Road 14 about 3/4 mile west of Military Grove church and moved NE. The tornado crossed Alabama 17 near the north end of the Lamar County airport and lifted after crossing Lamar County Road 30 near Moscow. Damage from the tornado included two houses destroyed, 8 houses damaged, one mobile home and several vehicles damaged. One pickup truck was lifted and overturned by the storm but the driver escaped injury. One woman heard the storm approach and took shelter in the inside hallway of her home. She escaped injury although the home was destroyed.									
Millport, Lamar County	01	1450CST			0	0	?	?	Wind
Thunderstorm winds downed trees.									
4W Gulf Shores, Baldwin County	01	1745CST							Funnel Cloud
State troopers reported a funnel cloud on Ft. Morgan Highway near the 4 mile marker.									
Baldwin County	01	1753CST							Funnel Cloud
A second funnel cloud was sighted on the Ft. Morgan Highway at the 5 mile marker.									
Baldwin County	01	1755CST			0	0	3	0	Tornado (F0)
An apparent small tornado crossed the Ft. Morgan Highway near the 12 mile marker and damaged trees and power lines.									
Gulf Shores, Baldwin County	01	1755CST			0	0	4	0	Thunderstorm/Wind, Lightning
Thunderstorm winds downed trees and utility lines. Lightning strikes damaged a construction crane and ignited a fire that damaged a home.									
Foley area, Baldwin County	01	1812CST			0	0	?	?	Hail
State Troopers reported golf ball size hail a few miles south of Foley on Alabama 59.									
Foley area, Baldwin County	01	1819CST							Funnel Cloud
Foley police reported a funnel cloud at the intersection of Alabama 59 and Baldwin County Road 10.									
Devenport area, SW Montgomery County	02	1140CST			0	0	3	0	Thunderstorm/Wind
Thunderstorm winds downed power lines, and hail to 3/4 inch in diameter was reported.									
Peppertown, Lauderdale County	06	1500CST			0	0	6	0	Lightning
Lightning ignited a fire that destroyed a casket factory.									
N Calhoun County	07	1215CST							Thunderstorm/Wind
Thunderstorm winds uprooted at least one tree that downed some power lines near the intersection of Alabama 62 and U.S. 431.									
Barfield area, Clay County	08	0250CST			0	0	3	0	Lightning
Lightning was reported to have struck some trees about 150 yards from a home and followed the driveway to the home. The charge went through the house and burned out all electrical outlets, ruined appliances, knocked pictures off the walls and blasted a hole about the size of an orange in the concrete floor of the basement. The bolt also blew the well pump off its pipe and left the pump suspended on a safety wire in the well. Damage was visible 70 yards either side of the house and a car parked in the yard was covered with dirt, gravel and shrapnel. The owners of the home were asleep and were awakened by the strike but were not injured. The home was equipped with lightning rods because of prior problems with lightning strikes.									
Alabaster area, Shelby County	08	1130CST			0	1	0	0	Lightning
A man was injured when struck by lightning on a job site.									
NE Montgomery, Montgomery County	08	1315CST			0	0	4	0	Thunderstorm/Wind
Downburst winds from a severe thunderstorm ripped a 50 ft. hole in the roof of one building, downed trees and overturned a large truck. Some cars were also damaged by falling tree limbs.									
Troy, Pike County	08	1516CST			0	0	?	?	Hail
Golf ball size hail was reported.									
Theodore, Mobile County	08	1529CST			0	0	?	?	Hail
Hail to one inch in diameter was reported.									
Libertyville-Red Level, Covington County	08	1540-1545CST			0	0	?	?	Hail
Hail to golfball size was reported in Libertyville as a severe thunderstorm dumped a 2 mile hail swath across the county as far north as Red Level.									

— ALABAMA									
SW Mobile County	08	1540CST							Funnel Cloud
Funnel clouds were reported by police north of Grand Bay and along I-10 at the 10 mile marker.									
7N Florida, Covington County	08	1600CST			0	0	?	?	Hail
Hail to about 3 inches in diameter was reported.									
Mobile area, Mobile County	08	1632-1653CST			0	0	?	?	Thunderstorm/Wind
A severe thunderstorm dumped hail up to 3 1/2 inches in diameter on the Mobile area. Homes and automobiles were damaged by the hail.									
Red Level, Covington County	08	1700CST			0	0	?	?	Hail
Hail to 3/4 inch in diameter was reported. This was the second storm of the afternoon.									
Ft. Morgan area, Baldwin County	10	0625CST							Funnel Cloud
A pilot flying along the Ft. Morgan Peninsula reported a funnel cloud that extended about 1500 feet below the cloud base. The funnel cloud was moving ENE.									
Mobile, Mobile County	21	1453CST			0	0	?	?	Thunderstorm/Wind
Thunderstorm winds gusted to 62 mph at the NWS Office at Bates Field.									
Theodore area, Mobile County	21	1500-1512CST			0	0	4	0	Thunderstorm/Wind
Thunderstorm winds unroofed a bank in Theodore around 1500CST. Some trees and utility lines were also down in the area.									
Gulf Shores area, Baldwin County	21	1530CST			0	0	3	0	Thunderstorm/Wind
Sheriff's office reported winds more than 60 mph in Gulf Shores with damage to at least one roof.									
Tuscaloosa area, Tuscaloosa County	21	1725CST			0	0	3	0	Thunderstorm/Wind
Thunderstorm wind downed some trees that fell across a road and power lines.									
Montgomery, Montgomery County	21	1757CST			0	0	?	?	Thunderstorm/Wind
Thunderstorm winds gusted to 63 mph at Maxwell AFB.									
Fayette area, Fayette County	21	1830CST			0	0	?	?	Thunderstorm/Wind
Thunderstorm winds downed some trees and power lines on U.S. 43.									
Gulf area, Marion County	21	1850CST			0	0	?	?	Thunderstorm/Wind
Thunderstorm winds downed some trees.									
Mobile area, Mobile County	22	1000CST			0	0	?	?	Thunderstorm/Wind
Thunderstorm winds tore the tops out of trees on Hollingers Island.									
Opp, Covington County	22	1105CST			0	0	4	0	Thunderstorm/Wind
Downburst winds from a severe thunderstorm downed trees and some utility lines, damaged the roofs of three downtown buildings and caused other damage. Most of the damage was concentrated in the downtown area. The plate glass window was blown out of one grocery store.									
Perdido, Baldwin County	22	1630CST			0	0	6	0	Lightning
A lightning strike ignited a fire that destroyed a large school building. The 50 year old building was reported to have been one of the largest wooden schools in the U.S.									
2 ARIZONA									
Sacaton, Pinal County	17	1640HST			0	0	5	0	Wind
Strong winds uprooted oak and cottonwood trees, snapped power poles in half, and ripped roofs from several homes and a school.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	
3 ARKANSAS									
Crittenden County	01	1745 CST	0.9	30	0	0	4	-	Tornado (F1)
		A small tornado moved through parts of West Memphis in an east-northeasterly direction. Most of the damage was done to the roof of a vacant service station. Several homes had shingles and windows damaged. More substantial damage was done to several mobile homes. Also, an 18-wheeler was overturned by the weak tornado on I-55 North, just north of the I-40 intersection.							
Howard County	13	1350 CST	1	50	0	0	4	-	Tornado (F1)
		A developing line of thunderstorms moved through the county. One of those storms produced a small and weak tornado in Nashville. It moved east-northeast from Mine Creek to just before the county line. It unroofed some poultry houses and toppled feed bins. Trees and power lines were blown down.							
Hempstead County	13	1400 CST			0	0	3	-	Wind
		Tree and power line damage occurred in Hope as a thunderstorm moved through the city.							
Polk County	13	about 1400 CST			0	0	4	-	Wind
		A strong thunderstorm moved through the county, blowing down many trees. Two airplanes were damaged at the Mens airport. Also, one building was unroofed. In Hatfield, an elementary school received roof damage.							
Garland County	13	about 1500 CST			0	0	3	-	Wind
		Thunderstorms moved through the county, blowing down numerous trees and power lines, and damaging shingles on roofs. Most of the damage was concentrated around Hot Springs.							
Faulkner County	13	about 1530 CST			0	1	4	-	Wind
		Forty to fifty mph winds from a thunderstorm moved through Conway and Naylor. In Springhill, two trees fell onto a residence. In Conway, a tree snapped and fell across an automobile. A metal shed 20' x 30' was completely destroyed, in Naylor, after the metal door buckled. One minor injury from flying debris was reported in Naylor.							
Saline County	13	1530 CST			0	0	3	-	Wind
		Wind gusts knocked down trees and power lines throughout the county. One large tree fell over the roof of three businesses in Benton.							
Pulaski County	13	about 1535 CST			0	0	4	-	Wind
		High winds from a thunderstorm blew down trees in Cammack Village and in Jacksonville. At least two vehicles were damaged by a falling tree, one in each of the cities.							
Washington County	13	about 1600 CST			0	0	3	-	Wind
		Many trees were blown down by high winds from thunderstorms. Damages were reported in Springdale, the Goshen-Buckeye area, Strickler, and Blackburn.							
Jackson County	13	1723 CST			0	0	?	-	Wind
		A large tree was blown down across a shed in Newport by a thunderstorm gust. Some power outages were reported from downed lines.							
Woodruff County	13	about 1800 CST			0	0	3	-	Wind
		About 7 PM CDT, a thunderstorm rolled through Augusta. High winds blew down the awning and part of the top front of a store. One tree fell across a home, while others were uprooted in yards.							
White County	13	1748 CST			0	0	4	-	Wind
		Gusts from a thunderstorm blew down the framework of a 33,000 square-foot building under construction in Beebe. A 100-foot wall was also blown down.							
Clay County	14	about 1500 CST			0	0	?	-	Wind
		Thunderstorm gusts moved through Corning shortly before 3 PM. The wind split a large tree which blocked the entrance to a home.							
Mississippi County	14	about 1530 CST			0	0	3	-	Wind
		Wind gusts around 45 mph caused damage in the Blytheville area and at the Air Force Base. Several vehicles and boats were damaged at the Base, while trees and a shed were damaged at Yarbrow.							
Sevier County	20	1815 - 1830 CST			0	0	4	-	Wind/Hail
		A strong thunderstorm moved through the county, producing golfball size hail and high winds. The large hail was reported at De Queen. Wind damage occurred between Gillham and King where power lines broke due to several falling trees. Several poultry houses and a convenience store had roof damage. At King, two oak trees fell across a mobile home, destroying it.							
— ARKANSAS									
Clark County	20	about 2130 CST			0	0	?	-	Lightning
		Lightning struck a natural gas pipeline in Arkadelphia. A fire resulted, doing unspecified damage to a house and a utility building.							
Pulaski County (Zone 8)	21	about 2230 CST			1	1	4	-	Flash Flooding
		Two lines of thunderstorms moved through the Little Rock metropolitan area in the afternoon and evening. The second batch of rain caused minor flooding in the usual low places. Unfortunately, one creek in southwest Little Rock flooded enough to sweep a car off Ironton Cutoff Road. The car was occupied by two ladies; one of them suffered from shock, while the other (62 years old) drowned. The body was recovered the following morning. A second car was swept by the current, but it had been abandoned.							
Greene, Craighead and Poinsett Counties (Zones 12 and 13)	21	late Tuesday			0	0	5	?	Flash Flooding
		About five inches of rain fell over the area late on Tuesday. Rising waters in Greene County washed away four bridges and damaged twelve others. Eight-Mile Creek in Paragould left its banks and flooded some homes and the City Shop. In Craighead County, many cotton and soybean fields were flooded. At Trumann, in Poinsett County, streets flooded up to two feet deep, stalling some vehicles and entering a few homes.							
Sebastian County	28	1117 CST			0	0	4	-	Wind
		About 45 trees were knocked down by wind gusts up to 72 mph in the Fort Smith area.							
Boone County	28	1145 CST			0	0	3	-	Wind
		Many trees and power lines were knocked down by a thunderstorm as it moved through Harrison.							
Sebastian County	28	1200 CST			0	0	3	-	Lightning
		Lightning struck a Fort Smith home, causing a minor fire, but much smoke damage. Lightning also knocked out the main police radio system at about the same time.							
Franklin County	28	1215 CST			0	0	4	-	Lightning/Wind
		Lightning caused unspecified damage to a home in Ozark. High winds damaged a used car lot also in Ozark. Near Alix, or seven miles southeast of Ozark, a tree fell across the railroad track and delayed train traffic.							
Johnson County	28	1220 CST			0	0	5	-	Lightning/Wind
		Wind gusts damaged poultry houses and destroyed some of them in Coal Hill. Lightning caused moderate fire damage to a Clarksville residence about one hour later.							
Newton County	28	1235 CST			0	0	4	-	Wind
		Roofs were damaged and trees were knocked down from just southwest of Jasper to Piercetown as a thunderstorm moved through the county.							
Yell County	28	1310 CST			0	0	?	-	Lightning/Wind
		Thunderstorm winds caused extensive damage to a poultry house between Ola and Plainview. Ninety feet of the house were completely destroyed, with partial damage to the remaining portions. Also, lightning struck the pump house and burnt-out the pump. Trees were also blown down at Havana.							
Garland County	28	about 1400 CST			0	0	3	-	Wind
		Wind gusts from a thunderstorm blew down signs and awnings in the western portions of Hot Springs. Winds were estimated at 65 mph.							
Perry County	28	1415 CST			0	0	?	-	Wind
		Many trees were blown down from Nimrod to Hollis as a thunderstorm moved through the county.							
Saline County	28	1430 CST			0	0	?	-	Wind
		The Sheriff's Office reported trees and power lines down at Salem and Bryant from thunderstorm winds.							
Pulaski County	28	1443 CST			0	0	4	-	Wind
		Trees, limbs, and power lines were blown down by a thunderstorm packing gusts up to 60 mph at Adams Field in Little Rock.							
Faulkner County	28	1445 CST			0	0	-	-	Hail
		Golfball-size hail was reported at the Palarm Creek Landing.							
Lonoke County	28	1515 CST			0	0	?	-	Wind
		The England Police Department reported numerous trees and power lines down in that city.							
Lincoln County	28	1553 CST			0	0	-	-	Funnel Cloud
		The Star City Police Department reported a funnel cloud on the northern edge of town.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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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	

ARKANSAS

Monroe County	28 1615 CST	0 0 ?	-	Wind	Several trees and power lines were blown down as a thunderstorm moved through Clarendon.
Phillips County	28 1645 CST	0 0 3	-	Winds	Trees were blown down throughout the county, knocking down power lines. Reports came in from Marvell, Lexa, Helena, and West Helena.
Washington County	29 1330 CST	0 0 4	-	Wind	Thunderstorm winds blew down many trees throughout the county. A building under construction in Fayetteville had its framework blown down. A poultry house was destroyed just east of Springdale. A service station canopy was damaged and two trees were blown down in Springdale.
Benton County	29 1430 CST	0 0 -	-	Funnel Cloud	A funnel cloud was reported by the public at Bella Vista.
Benton County	29 1430 CST	0 0 3	-	Wind	Thunderstorm gusts blew down trees and power lines over many sections of the county, especially in Bella Vista, where a tree crushed a mobile home. Trees blocked several roads. A bridge in Bentonville was blocked by a fallen tree. In Rogers, a sheet-metal roof from a lumber yard, storage building was blown down and dropped on top of a car. Winds were estimated at 60 mph.
Carroll County	29 1441 CST	0 0 ?	-	Wind	Thunderstorm winds damaged roofs and blew down trees and power lines in Berryville and Eureka Springs.
Monroe County	29 1530 CST	0 0 3	-	Wind	Several trees were knocked down by a thunderstorm in Clarendon. Trees were also blown down in unspecified areas of the county.
Newton County	29 1540 CST	0 0 3	-	Wind	Wind estimated between 50 and 60 mph knocked down trees and power lines around Jasper and Parthenon.
Faulkner County	29 1730 CST	0 0 ?	-	Wind	Trees and power lines were knocked down in Conway as a thunderstorm moved through the county.
Independence County	29 1753 CST	0 0 ?	-	Wind	Thunderstorms moved through the county, blowing down trees and power lines. The areas affected were Batesville, Moorefield, and Sulphur Rock.
Pulaski County	29 1800 CST	0 0 -	-	Funnel Cloud	An off-duty weather observer saw a funnel cloud six miles southwest of the Little Rock Air Force Base.
Pulaski County	29 1800 CST	0 0 4	-	Wind	Strong thunderstorm gusts knocked down many trees, limbs, and power lines in the Little Rock area. At least 30 trees blocked or partially blocked streets in Little Rock.
Saline County	29 1815 CST	0 0 4	-	Wind	Many trees and power lines were blown down by thunderstorm gusts. In Benton, a pickup truck and a porch roof were crushed by two falling trees.
Jackson County	29 1830 CST	0 0 4	-	Wind	Thunderstorm gusts damaged a wall of a lumber storage building in Swifton. Trees were blown down. Also, windows and antennas were broken.

4 CALIFORNIA, Northern

Red Bluff, Tehama County	15 1530PST	4 0	0	Windstorm	A gust of wind destroyed a \$20,000 canvas-topped stable and shed area at the Tehama County Fairgrounds.
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4 CALIFORNIA, Southern — NONE REPORTED

5 COLORADO

Cheyenne County	5 1500MST	0 0 0 4	Hail	Golfball size hail piled up 6 inches deep near Kit Carson, and destroyed crops.
El Paso County	5 1745MST	0 1 0 0	Lightning	A man in Colorado Springs was injured when a tree next to him was hit by lightning.
Pueblo County	6 1500-1700MST	0 0 3 0	Heavy Rain, Lightning	A thunderstorm dumped 2.78 inches of rain just southeast of Pueblo; 1.3 inches fell in the downtown area. A house in the city was slightly damaged by lightning.
El Paso County	7 1457MST	0 1 3 0	Thunderstorm	A man was injured when struck by lightning in Colorado Springs; there were also three homes hit, with minor damage. Hail piled up an inch deep in the north part of the city, causing some roof damage. There was also some street flooding.
Baca County	7 1535MST	0 0 0 0	Hail	Golfball size hail fell just northwest of Pritchett.
Kit Carson and Cheyenne Counties	7 1600MST	0 0 0 0	Hail	Golfball size hail fell at both Burlington and Cheyenne Wells. 1.5 inches of rain also fell in the latter town.
Washington County	7 1635MST	0 0 0 0	Hail	3/4 inch hail fell at Akron.
Morgan County	7 1650MST	1 40 0 0 0 0	Tornado (F1)	A tornado was spotted by a pilot in extreme northwest Morgan County north of Goodrich. FPP110
Morgan County	7 1800MST	0 0 0 0	Hail	1 inch hail fell at Hillrose.
Mesa County	9 aftn.	0 0 3 0	High Winds	Winds gusted to about 75 mph in Fruita, near Grand Junction. Two uprooted trees fell onto cars, and another toppled onto a house. A stop sign was blown down and fell onto a car, causing some damage. Other signs and a shed were demolished.
Washington and Yuma Counties	9 evening	0 0 0 4	Hail	Hail caused moderate to heavy damage to wheat in a swath running from south of Akron to north of Yuma.
Larimer and Weld Counties	10 1325-1415MST	0 0 3 0	High Winds	Winds gusted to 58 mph in Greeley and caused \$4000 damage to a house under construction. Three sheds were also blown over. In Fort Collins, a gust toppled a telephone pole.
Gunnison County	10 1345MST	0 0 0 0	High Winds	A gust of 69 mph was recorded at Gunnison.
Weld County	12 1400MST	0 0 4 0	Lightning	Some oil storage tanks in southern Weld County exploded after being hit by lightning. Damage was estimated at 10 to 15 thousand dollars.
Mountains, East	12-13	0 0 0 0	Rain, Snow, Wind	A spring storm brought wet, windy weather to many spots in the mountains and on the eastern plains. 18 inches of snow fell in 27 hours at Echo Lake, on the slopes of Mt. Evans in Clear Creek County. 11 inches buried Berthoud Pass. The snow spread down into the foothills at Evergreen, where 5 inches fell. At lower elevations, most spots on the plains received 1/2 to 2 inches of rain; some of the heavier recorded amounts included 2.62 inches at Joes, in southwest Yuma county; 2.06 inches at Yuma; and 1.97 inches at Akron, which also measured an inch of snow. Winds were strongest between 1100 and 1200 on the 13th, when La Junta and Pueblo both clocked gusts of 58 mph, with 55 mph at Colorado Springs.
Adams County	17 1430-1700MST	0 0 0 0	Heavy Rain, Hail	A thunderstorm produced 1.50 inches of rain in Brighton; .72 inch fell in 40 minutes. Hail covered the ground, and there was some street and basement flooding.
Arapahoe County	18 1545MST	0 0 0 0	Hail	3/4 inch hail fell just southeast of Aurora.
El Paso County	18 1600MST	1 0 0 0	Lightning	A soldier was killed by lightning at Fort Carson. He was in an open field, wearing a steel helmet.
Arapahoe County	19 1326MST	0 0 0 0	Hail	An inch of hail piled up on the ground in central Aurora.
Kit Carson County	20 1230-1245MST	0 0 0 0	Heavy Rain	1/3 inches of rain drenched an area 14 miles north of Burlington in just 15 minutes.
Chaffee County	20 1850MST	0 0 0 0	Hail	Pea size hail piled up 3 inches deep just west of Nathrop.
Baca County	21 1150MST	1 50 0 0 0 0	Tornado (F1)	A tornado touched down near Walsh, 8 miles west of the Kansas border. FPP110

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					KILLED	INJURED	PROPERTY	CROPS		
COLORADO										
El Paso County	21	0000-1800MST			0	0	0	0	Heavy Rain	About an inch of rain fell in Colorado Springs, causing some street flooding.
El Paso County	23	morning			0	2	0	0	High Winds	Strong winds toppled a number of trees in Colorado Springs, injuring a woman. A construction worker was also hurt when a wall under construction blew down on top of him.
Logan County	27	1645-1655MST	3	50	0	0	0	0	Tornado (F1)	A tornado was spotted about 10 miles northwest of Sterling, and moved east. FPP121
Northeast Colorado	27	1700-2100MST			0	0	4	5	Severe Thunderstorms	Severe thunderstorms moved southeastward through extreme northeast Colorado. Severe weather began and ended with the tornado reports mentioned above. In between, winds and hail caused extensive damage. Baseball size hail in Peetz damaged roofs and broke windows; near baseball-size hail in Eckley inflicted similar damage. In the Crook/Cliff area in Logan County, hail broke windows and damage roofs; gusty winds downed power lines. Near Wray, winds snapped off a tree branch, which fell on a pickup truck, severely damaging it. Extensive crop damage occurred in the northeast corner of Colorado, due mainly to hail but also to rain which totaled around two inches in eastern Yuma County.
										Summary of severe weather on May 27...
MST										
1810	Baseball size									hail in Peetz (N. Logan Cy.)
1920	Baseball size									hail near Fleming (SE Logan Cy.)
1930	Golfball size									hail 1 mile west of Clarksville (NW Yuma Cy.)
2018	Baseball size									hail in Eckley (Central Yuma Cy.)
2100	1 inch hail									in Wray (E. Yuma Cy.)
Yuma County	27	2130MST	1	40	0	0	0	0	Tornado (F1)	Twin tornadoes were sighted near Beecher Island, 15 miles south of Wray. FPP111 and FPP111, respectively.
El Paso County	30	0700-0730MST			0	6	3	0	High Winds	Strong winds in Colorado Springs blew over a concrete block wall, injuring two construction workers. Three others were hurt by flying plywood and a slamming door at another site; all these injuries were wind related. An 85 year old woman broke her hip when a falling tree branch knocked her down. The wind caused damage to an apartment when it blew a tree onto it, and was also responsible for many power outages in the area.
6 CONNECTICUT										
Hartford and Tolland Counties	13	1915EST			0	0	0	0	Thunderstorm Winds	Trees and power lines were reported down in Enfield and in Stafford Springs.
Statewide	21	Afternoon and Evening			0	0	3	0	Lightning	Up to 20,000 electric customers lost power statewide. The area hardest hit was along the coast including Groton, New London, Madison, and Middletown. Two homes were struck by lightning and damaged in Mystic. A fire ignited by lightning destroyed a shed in Ledyard.
7 DELAWARE ————— NONE REPORTED										
8 FLORIDA										
Defuniak Springs, Walton Co.	02	0430EST	0.5	10	0	0	4	-	Tornado (F0)	A roof was blown off a house and several trees were downed.
Miccosukee, Leon Co.	02	1655EST	0.5	10	0	0	2	-	Tornado (F0)	Trees were uprooted and power lines were downed.
Englewood, Sarasota Co.	03	1050EST	1.0	10	0	0	3	-	Waterspout-Tornado (F0)	Several aluminum sheds and screened patios were destroyed and several buildings had windows blown out and roofs damaged.
Oceanway, Duval Co.	03	1600EST			0	0	2	-	Thunderstorm Wind	Two cars were damaged by debris, the roofs of two businesses were damaged and a sign was destroyed.
9 GEORGIA										
Appling County	08	1600EST			0	0	4	6	Wind, Hail	Thunderstorm winds downed trees at scattered locations and hail 3/4 inch to golf ball sized caused damage to property and crops from Graham to Baxley. Hail covered the ground to a depth of several inches in some areas, taking over 24 hours to melt. In many fields, the crops were totally destroyed.
Wayne County	08	1645EST			0	0	3	0	Wind	Trees were uprooted in the Odum area by thunderstorm winds.
Clarke County	28	1500EST			0	0	2	0	Lightning	A house in Athens was damaged by lightning.
Upson County	29	0700EST			0	0	4	0	Lightning	Lightning started a fire that heavily damaged a house in Thomaston.
FLORIDA										
Basinger, Okeechobee Co.	16	1630EST			0	0	3	-	Hail	Golfball sized hail damaged a car window, a satellite dish and a roof. Accompanying high wind destroyed a patio screened enclosure.
LaBelle, Hendry Co.	20	1200EST			0	0	2	-	Hail and Thunderstorm Wind	Golfball sized hail and high wind caused damage to two farm buildings.
Okeechobee, Okeechobee Co.	20	1400EST			0	0	3	-	Thunderstorm Wind	Several trees were downed, a metal roof was destroyed and TV antennas were downed.
Palm Coast, Flagler Co.	20	1445EST			0	0	0	-	Hail	Hail 3/4 inch in diameter was reported.
rural Gadsden Co.	21	1815EST			0	0	1	-	Thunderstorm Wind and Hail	Hail and high wind was reported with several trees downed.
Okeechobee, Okeechobee Co.	23	1300EST			0	0	4	-	Thunderstorm Wind	A dairy barn was destroyed by high wind and six cows were killed.
Fruitland, Putnam Co.	23	1430EST			0	0	2	-	Thunderstorm Wind	Two carports and the screened patio enclosures of two mobile homes were destroyed.
Spring Hill, Hernando Co.	24	1315EST			0	1	-	-	Lightning	Lightning struck and injured a 65 year old man.
Clevison, Hendry Co.	24	1430EST			0	0	4	-	Thunderstorm Wind	A block wall under construction was blown down. The roof of a high school and two classrooms were damaged. Several trees were downed.
Belle Glade, Palm Beach Co.	24	1515EST	1.0	10	0	0	5	-	Tornado (F1)	A tornado tore off the roof of a packing house, shattered several windows, damaged several cars and blew a trailer office 20 feet.
Wabasso, Indian River Co.	25	1810EST	2.0	30	0	0	4	-	Tornado (F1)	A barn was destroyed, the roof of a picnic pavillion was destroyed and several trees were downed.
Lake Worth and Lantana, Palm Beach Co.	26	1425EST			0	0	6	-	Thunderstorm Wind and Hail	Golfball sized hail damaged 650 cars, an unoccupied trailer was blown over and several aluminum sheds were destroyed.
Miami, Dade Co.	26	1800EST			0	0	0	-	Hail	Hail one inch in diameter was reported.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

10 IDAHO

5 Miles East of Gooding, Gooding Co.	2	1715 MST	short	5	0	0	4	0	Tornado (F1)
A small tornado was on the ground for a short period. A 50 foot elm tree with a six foot in diameter trunk was uprooted. The tree fell on an automobile, damaging it beyond repair. The twister also damaged a 3/4 ton pickup. A branch of the tree was driven through the side of a garage made of galvanized metal.									
15 miles northeast of Mad Lake, Jefferson Co.	10	1730 MST		0	0	0	0	0	Funnel
A small funnel cloud was seen for a short period moving eastward towards the town of Montaview. The funnel, which was approximately 500 feet in length, dropped to within 1000 feet of the ground for a few minutes.									
10 miles southeast of Oakley, Cassia Co.	20	1500 MST		0	0	0	0	0	Funnel
A small funnel was seen for about 15 minutes before dissipating.									
Ashton, Fremont Co.	24	1745 MET		0	0	4	0	0	Lightning
A severe lightning storm blew out several pieces of expensive electrical equipment at the Ashton Memorial Hospital. A fire was also started in a stack of lumber at a local sawmill.									
Hamer, Jefferson Co.	25	1700 MST		0	0	0	0	0	Funnel
A small funnel was seen for a few minutes over the east side of town before dissipating.									

11 ILLINOIS

2 NW Durand, Winnebago County	11	1945CST		0	0	3	?	?	Severe Thunderstorm
High thunderstorm winds destroyed one garage and damaged several houses in the Lake Summerset area two miles northwest of Durand.									
Golconda, Pope County	12	0430CST		0	0	0	?	?	Severe Thunderstorms
Sixty mph winds associated with a severe thunderstorm, toppled several trees in rural areas outside Golconda.									
Beardstown, Cass County	14	1555CST	?	?	0	0	3	?	Hail
Golf ball sized hail damaged roofs in Beardstown.									
Dalton City, Moultrie County	14	1610CST		0	0	3	0	0	Severe Thunderstorm
60mph winds toppled several large trees in town. 1/4 inch hail fell briefly.									
DeWitt, McLean, Woodford, Marshall, La Salle, and Lee Counties	14	1630-1900CST		0	14	7	4	?	Severe Thunderstorm
A large, severe thunderstorm developed over DeWitt County about 530pm CDT and moved northward, generating areas of large hail, damaging winds and heavy rainfall for the next 2 1/2 hours. Clinton (DeWitt Co.) reported 3/4" hail and damaging winds at 540pm CDT, shortly after the storm developed. The storm moved north into McLean County and produced winds at 73mph at the Bloomington Airport at 605pm CDT. The Wenona area (Marshall Co.) experienced high winds between 655pm and 715pm CDT. Winds estimated at 60mph were common, but gusts estimated at 100mph destroyed several barns and other farm buildings 6 miles east of Wenona. Ten-foot, wooden 2x6" beams were scattered two miles across farm fields. The thunderstorm continued north into LaSalle County, producing a vicious combination of 2 inch hail and 60 mph winds. A 5-mile wide area centered on Mendota was especially hard hit between 720pm and 740pm CDT. Branches, leaves and shattered glass littered the town in the wake of the storm. Virtually every building in Mendota (population 6900) had some damage, most of it significant. Roofs, windows, and siding were hit hard. Insurance claim adjusters said the average claim per residence was \$2500. Additionally, dented automobiles with shattered windshields and tail lights numbered at least 1200. Eleven people sustained bruises and welts from hail, and 3 others received cuts from shattering glass. Scattered, less severe wind and hail damage occurred elsewhere across LaSalle and Lee Counties. Damage to farm crops, mainly corn, was restricted to within 2 miles of Mendota.									
Paris, Edgar County	14	1705CST		0	0	5	0	0	Severe Thunderstorm
Thunderstorm winds, estimated at 70 mph, damaged several buildings in the city, especially the southeastern portion. Trees were toppled and several garages were damaged. A large office building under construction sustained major damage.									
Tolone, Champaign County	14	1706CST		0	0	0	0	0	Funnel
A small funnel cloud, observed by the local fire department, developed and immediately dissipated.									
St. Clair County	14	1715CST	?	?	0	0	?	?	Hail
1/2" hail fell at many locations across the south half of the county.									

ILLINOIS

Galesburg, Knox County	14	1745CST		0	0	?	?	?	Severe Thunderstorm
70 mph winds and 1/4" hail were observed at the Galesburg Airport.									
De Soto, Jackson County	14	1745CST	?	?	0	0	?	?	Hail
1" hail fell briefly, but no damage was reported.									
West Brooklyn, Lee County	14	1845CST	0.1	15	0	0	3	0	Tornado (F1)
A small tornado touched down briefly in a rural area 30 miles south of Rockford, destroying five structures on the Alton Zinke Farm.									
Rockford and Winnebago County	14	1900CST		0	0	3	?	?	Severe Thunderstorm
A severe thunderstorm produced 65mph winds and 1/4 to 1/2 inch hail at scattered locations. Intense lightning struck many trees and utility poles, resulting in blocked roads and a few brief power outages. Many streets, especially in Durand (Winnebago Co.), were blocked by lightning-downed trees. Rockford reported 1/4 inch hail. This thunderstorm also produced a small tornado in Lee County (see previous entry).									
Carroll, Ogle, Winnebago, and Boone Counties	26	1730-1900CST		0	0	5	?	?	Severe Thunderstorm
A severe thunderstorm moved east-northeast across the area, producing scattered damage. Farm buildings were damaged 5 miles northwest of Lanark (Carroll County) about 630pm CDT by high winds. 1" hail fell just north of Rockford (Winnebago Co.) at 7pm, and at Milledgeville (Carroll Co.) at 725pm. Tree and window damage was reported at Oregon (Ogle Co.) at about 8pm.									
Lake Michigan off Cook County	26	1930CST		2	0	0	0	0	Severe Thunderstorm
High thunderstorm winds capsized a recreational craft in Lake Michigan, resulting in 2 drownings.									
Tinley Park, Cook County	26	2023CST		0	0	?	?	?	Severe Thunderstorm
Trees and power lines were downed in Tinley Park as a severe thunderstorm moved through.									
Maple Park, Kane County	26	2045CST		0	0	?	?	?	Severe Thunderstorm
High thunderstorm winds toppled several large trees.									
N Quarter of State	31	0900-1600CST		1	26	6	4	?	Dust Storm, Wind
A dust storm, severe at some spots, roared across northern Illinois, an area unaccustomed to such phenomena. Sustained winds of 30 to 50mph, with gusts to 70mph, ripped dry and freshly-plowed topsoil into the air, and the result was blinding dust. Cities in northern Illinois reported visibilities of 1 to 5 miles, but along highways paralleling exposed farm fields, the visibility dropped to 20 feet or less. Numerous chain-reaction, automobile and truck accidents resulted on the highway system in populous northern Illinois, resulting in one death and 22 injuries. Soil erosion losses were estimated at three million dollars. Power outages plagued metropolitan Chicago at the height of the windstorm in the afternoon. In addition, four pedestrians were injured in downtown Chicago when high winds hurled construction materials from a skyscraper onto Michigan Avenue.									

12 INDIANA

5SE Martinsville, Morgan County	12	2105EST		0	0	0	0	0	Hail
Golf ball size hail was reported.									
Bedford, Lawrence County	13	1530EST		0	0	0	0	0	Hail
3/4 inch diameter hail was reported.									
2NE Bedford, Lawrence County	13	1545EST		0	0	0	0	0	Hail
1/2 to 3/4 inch hail was reported.									
2E. Dugger, Greene County	14	1700EST		0	0	3	0	0	Thunderstorm Winds
Strong thunderstorm winds uprooted trees and snapped power lines.									
2E. Dugger, Greene County	14	1700EST		0	0	2	0	0	Wind and Hail
Strong thunderstorm winds blew a tree on to one residence. Hail 3/4 inch in diameter covered the ground and took over 30 minutes to melt.									
4W Jasonville, Greene County	14	1751EST		0	0	3	0	0	Wind and Hail
Several large trees were blown down by strong thunderstorm winds. Mothball size hail fell for about 15 minutes, covering the ground.									
Jasonville, Greene County	14	1715EST		0	0	2	0	0	Thunderstorm Winds
Trees limbs were downed by strong thunderstorm winds.									
1W Clay City, Clay County	14	1725EST		0	0	2	9	?	Thunderstorm Winds
Strong thunderstorm winds downed trees and snapped power lines.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	
INDIANA									
IE. Blackhawk, Vigo County	14	1745EST			0	0	2	0	Thunderstorm Winds
Several trees were uprooted by strong thunderstorm winds.									
3SE Swalls, Vigo County	14	1759EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds uprooted several large trees along Indiana Route 42 on the Vigo-Clay County Line.									
Seelyville, Vigo County	14	1800EST			0	0	3	0	Thunderstorm Winds
Strong thunderstorm winds caused damage to the roof of a plant and several cars.									
Talbot, Benton County	14	1825EST			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds damaged a grain elevator and several storage bins.									
SNE Saint Bernice, Vermillion County	14	1830EST			0	0	3	0	Thunderstorm Winds
Strong thunderstorm winds snapped power poles.									
Perrysville, Vermillion County	14	1835EST			0	0	3	0	Hail
One inch diameter hail was reported.									
ZW Perrysville, Vermillion County	14	1843EST			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds uprooted trees and took off the roof of a barn.									
Gessie, Vermillion County	14	1845EST			0	0	2	0	Thunderstorm Winds
Several large trees were uprooted by strong thunderstorm winds.									
Stateline City, Warren County	14	1855EST			0	0	3	0	Thunderstorm Winds
Several power line poles were snapped by strong thunderstorm winds.									
Terre Haute, Vigo County	14	2007EST			0	0	3	0	Thunderstorm Winds
Strong thunderstorm winds downed power lines.									
Mishawaka, St. Joseph County	26	2242EST			0	0	0	0	Hail
Marble size hail was reported.									
IW North Judson, Starke County	26	2317EST			0	0	0	0	Funnel Cloud
No damage was reported.									
Bremen, St. Joseph County	26	2317EST			0	0	0	0	Hail
One quarter inch hail was reported.									
Pine Village, Warren County	27	1243EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds uprooted a few trees.									
Monon, White County	27	1257EST			0	0	0	0	Hail
Golf Ball size hail was reported.									
Chalmers, White County	27	1305EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds caused downed trees.									
ZW Lakeside, Pulaski County	27	1306EST			0	0	2	0	Hail
1 to 1 1/2 inch diameter hail caused damage to an auto.									
Buck Creek, Tippecanoe County	27	1310EST			0	0	2	0	Thunderstorm Winds
Trees were uprooted by strong thunderstorm winds.									
Columbia City, Whitley County	27	1330EST			0	0	0	3	Hail
Hailstones up to an inch in diameter were reported in the area around Columbia City. The hail caused some damage to about 30 acres of corn.									
Merriam, Whitley County	27	1333EST			0	0	2	0	Lightning
Lightning struck a tree and then jumped to a tavern, blowing out some of the light bulbs and fuses in the building.									
Cedar Lake, DeKalb County	27	1340EST			0	0	3	0	Thunderstorm Winds
Strong thunderstorm winds lifted a canoe and blew it about 350 feet into two recreational vehicles. The canoe was destroyed and the vehicles received minor damage to their front ends and awnings.									
IS Rochester, Fulton County	27	1430EST			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds moved a house trailer off its foundation. Numerous tree limbs were blown down causing scattered power outages.									
Lawrence, Marion County	27	1533EST			0	0	4	0	Thunderstorm Winds
Strong thunderstorm winds (downburst) caused damage to an apartment building roof. Several camper shells were blown onto the highway.									
Lawrence, Marion County	27	1533EST short narrow			0	2	4	0	Tornado (F1)
A brief tornado blew out the windows of a shopping center. Two people in the parking lot were cut by the flying glass.									
INDIANA									
Lizton, Hendricks County	27	1650EST			0	0	2	0	Thunderstorm Winds
Power lines were snapped by strong thunderstorm winds.									
McCordsville, Hancock County	27	1758EST			0	0	2	0	Thunderstorm Winds
Trees were uprooted by strong thunderstorm winds.									
Mount Comfort, Hancock County	27	1809EST			0	0	3	0	Thunderstorm Winds
Trees were uprooted and the siding was blown off of a building near the Mount Comfort airport.									
2 W. Centerville, Wayne County	31	0645EST			0	0	3	0	Hail
Golf ball to baseball size hail was reported.									
Richmond, Wayne County	31	0647EST			0	0	3	0	Hail
3/4 to 2 1/2 inch diameter hail was reported.									
1E Richmond, Wayne County	31	0655EST			0	0	3	0	Hail
3/4 to 1 1/2 inch diameter hail damaged several cars.									
North Central Indiana	31	1500EST			0	4	4	0	High Winds
Strong gradient winds gusting as high as 50 miles an hour caused blowing dust that reduced visibilities to zero on many roads in the area. Many roads were closed and several chain-reaction accidents were reported along with several minor injuries. Numerous power outages were reported, resulting from falling trees and limbs snapping power lines.									
13 IOWA									
Statewide	11	Afternoon-Evening			0	2	5	0	Thunderstorms with Wind and Hail
Thunderstorms, first detected in Southwest Iowa, developed north and spread eastward in Iowa on a Saturday afternoon. The individual storms moved from the west-southwest. The first report of severe weather came from Carroll, where 70 MPH winds were recorded at the airport [1328 CST]. A large pine tree was felled by the wind and smashed into a house at Greenfield [1330]. Near Tingley a trailer house was moved 18 inches off its foundation and a house lost siding, shingles and a stair rail and several windows. Barns and a number of outbuildings were also destroyed [approximately 1400]. Some funnels and tornadoes were spotted as the line moved in Central and South Central Iowa (see below). Winds continued high and hail was reported as the storms trekked east. Golfball size hail fell at Melrose [1603] and at Ladora [1636]. Meanwhile, another area of thunderstorms developed in West Central and Southwest Iowa. Winds blew windows out of a tractor and hail up to 3/4 inch fell at Little Sioux [1605]. Strong winds demolished a grain bin and implement building at Percival [1700]. Wind from 50 to 70 MPH tore off tree limbs and knocked down a barn at Hastings [1705]. About a third of the roof of the Junior High Gym was destroyed at Atlantic [1730]. In Southeast Iowa, strong winds were reported at Bunch [1655], where old buildings were downed and roofing was ripped from houses, and at Milton [1730-37] where trees and a corn crib were felled. Golfball size hail fell at North English in Iowa County [1730]. More than one storm moved through Van Buren County, as this was followed by hail of uncertain size at Cantril [1742-47] and a shed blew into a truck on Highway 1 [1803]. Damaging winds were observed at Cedar Rapids [1807]. Large hail fell in Montracello [1903]. Winds gusted up to 75 MPH in Louisa County [1930-40]. Hail the size of golfballs fell just west of Muscatine [1940]. Winds toppled a tree at Sageville [2005]. Strong winds, pea-size hail, and power outages were reported at Walcott, Stockton, and Eldridge [2058].									
Polk County	11	1458 CST	1	50	0	0	4	0	Tornado (F0)
A tornado touched down about 3 miles west of Runnells, just north of the North River. Trees were uprooted, power lines downed, and shingles and windows on houses destroyed by the storm.									
Marion and Mahaska Counties	11	1540 GST	2	50	0	4	4	0	Tornado (F1)
A tornado touched down just south of Tracy and crossed the Des Moines River to Belle Fountain. Several 30 foot trees were snapped at the base. An old mobile house was shoved around a telephone pole and broken open. Some debris was strewn 100 feet into a field by the storm.									
Poweshiek County	11	1615 CST	1	20	0	0	4	0	Tornado (F0)
The tornado touched down about 5 miles southeast of Montezuma and took off the roof of a barn and uprooted a 60-foot silo before lifting above the ground again.									
Poweshiek County	11	1632 CST			0	0	0	0	Funnel Cloud
A funnel was sighted at Hartwick.									
Greene County	11	1810 CST			0	0	0	0	Funnel Cloud
An unconfirmed report of a funnel came from the western part of the county.									
Davis County	11	1850 CST			0	0	0	0	Funnel Cloud
A funnel was observed by a member of the public, midway between Bloomfield and Troy.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	
IOWA									
Van Buren County	13	Evening			0	0	4	0	Lightning
Lightning started a fire that destroyed a home in Birmingham.									
Eastern Iowa	14	Afternoon-Evening			0	0	5	0	Thunderstorms with Strong Winds
A line of intense thunderstorms developed very quickly in the early afternoon and moved northward in Iowa. The first sign of the severity of the storms was first noted at Cedar Falls [1447 CST], where trees and limbs were downed and the Unidome Stadium started to rock. At 1450 CST a corn crib was blown over about 5 miles south of Washington. The storms continued to rumble through Eastern Iowa (see below), and the winds blew down some trees, causing a power outage at Elvira [1800 CST].									
Clinton County	14	1705 CST	.2	20	0	0	0	0	Tornado (F1)
A small tornado touched down by Wheatland, lifted the roof off a tavern, and damaged outbuildings at a nearby farm.									
Pocahontas and Calhoun Counties	14	1705 CST			0	0	0	0	Cold Air Funnel
Several cold air funnels were sighted around Fonda.									
Scott County	14	1730 CST			1	1	3	0	Lightning
Lightning killed one man and injured a companion at a golf course in Bettendorf.									
Pocahontas County	23	1340 CST	.1	10	0	0	3	2	Tornado (F0)
A tornado touched down in a farmer's field for a few seconds and then lifted up once more.									
Western Iowa	23	Afternoon and Evening			0	0	4	5	Thunderstorm Winds and Hail
The thunderstorm that had quickly developed in the afternoon and had produced the tornado (see above) continued to rumble across Western Iowa. Most of the thunderstorms produced only pea-sized hail and moderately strong winds; but large hail and strong winds struck at Cherokee [1504 CST approximate] and very serious hail damage to crops was reported east of Laurens [1420]. One of the larger cells moved into Iowa and brought 1" to 1 1/2" size hail on the northeast side of Council Bluffs, damaging gardens and motor vehicles [1838].									
Southern and Eastern Iowa	26	Afternoon and Evening			0	0	5	5	Thunderstorm Winds and Hail
Strong thunderstorms moved into Iowa from Missouri and developed northeastward into the state. The thunderstorms grew quickly and then collapsed, but cloud heights as great as 75,000 feet were observed. These storms produced large hail near Humeson [1600 CST] that cut a mile wide swath; and winds that brought down trees and electrical lines at Cambria [1609]. Hail was 1" to 2" in size near Washington [1645-53]. Winds gusted to 50 to 60 MPH at Donohue in Scott County. In Clinton County, there was widespread wind damage to trees, with some uprooted, causing minor power outages; and hail the size of golfballs covered the ground at Wheatland [1755-1812]. The strong winds wreaked havoc in Scott County [approximately 1800], damaging a camping trailer, downing trees that damaged houses and toppling power lines.									
Clinton County	26	1800 CST			0	0	0	0	Funnel Cloud
A funnel was spotted 5 miles south of Sabula.									
Fremont County	29	0830 CST			0	0	4	0	Thunderstorm Wind
A machine shed, grain bins and other buildings were damaged and some trees uprooted in a strong thunderstorm at a farm near Percival.									
Northwest and North Central Iowa	29	Morning-Early Afternoon			0	0	4	0	Wind Damage
Strong south wind caused some damage to trees, power lines and outbuildings. These winds were not caused by thunderstorms but were associated with strong circulation ahead of a low pressure system centered in the Dakotas. Gusts of 40-60 MPH were reported at Estherville, Emmetsburg and Algona and had diminished before reaching Mason City.									
Northern Iowa	30	Evening			0	0	5	6	Thunderstorms with Wind and Hail
A line of strong thunderstorms extending from the Dakotas and Minnesota tracked across Northern Iowa. Extending at first only into the extreme northwest of Iowa, the storms edged southward as the line moved west to east across the state. Large hail was first reported in Lyon County [1545 CST] and then in Osceola County [1640] at Sibley. Golf ball size hail was next observed at Terril [1710]. High winds also damaged farm buildings around Ocheyan [1630-40], a barn and machine shed were devastated at Lake Park [1700] and winds gusted to 65 MPH at the Estherville Airport [1715]. Strong winds lifted a large barn from its foundation and hail damaged a bean field near Depew [1835-1910]. Hail damage became more continuous about this time, as evidenced by claims for insurance. Hail cut a swath through Eastern Emmet County [1735-1755 CST approximately] and was up to 2 inches in size across Kossuth County [1755-1827]; winds also destroyed and damaged outbuildings, killing a cow 5 miles north of Sueda City [1810]. The damage picked up again in Winnebago County [1830-1850] and continued into Worth [1850-1920] and Mitchell County [1920-1938]. Another swath of damage occurred in Eastern Hancock [1835-1850] across Cerro Gordo [1850-1930] and into Floyd County [1915-1950], where winds also felled a large tree and destroyed some small buildings near Rudd [1946] and caused damage to small buildings in Charles City [1945]. Hail damage was evident in Wright County [1922-1933] and in Franklin County [1931-2000]. Winds estimated at 60-65 MPH were reported at Cresco in Howard County [2000], and strong winds destroyed a barn and milk house and other outbuildings near Hawkeye [2045]. Two barns were demolished near Wadena [2118]. Hail also swept across Eastern Fayette County [2057-2207] into Clayton County [2117-2138] before the actual touch-down of the tornado near Elkader (see below). Large hail was also reported at Horton in Bremer County [2109].									

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					KILLED	INJURED	PROPERTY	CROPS	
IOWA									
Clay County	30	1838 CST	.1	20	0	0	0	3	Tornado (F0)
The fire department from Royal reported a tornado 6 miles south of Spencer. Little damage ensued.									
Clayton County	30	2122-2152 CST	22	500	2	25	7	5	Tornado (F3)
A tornado touched down about 6 miles west of Elkader and moved in a path a bit north of east. Traveling at about 45 miles an hour, the storm covered 22 miles in Iowa before crossing the Mississippi and moving into Wisconsin. This tornado missed the town of Elkader but struck the County Care Facility directly and killed two residents. More than 20 farmsteads were also struck, with significant damage to dwellings, farm buildings, machinery, livestock and crops. The total amount of damage for the county was in excess of \$9 million, including about \$1.5 million damage at the Care Facility alone.									
The total path length in Iowa and Wisconsin was 33 miles. The maximum F scale (F3) was in Iowa. (See Wisconsin report.)									
14 KANSAS									
Tribune, Greeley County	05	Evg			0	0	4	0	Lightning
Lightning struck a home 10.5 miles northeast of Tribune. The resulting fire destroyed part of the home.									
Northeast Kearny and Northwest Finney	09	2000-2020CST			0	0	4	0	Wind
A thunderstorm packing strong winds formed north of Lakin and moved into the northwest corner of Finney County. Wind gusts were estimated at 70 mph 10 miles north-northeast of Lakin at 2009, and at 60 mph 12 north of Lakin at 2005 and 10 north of Holcomb at 2014CST. Minor property damage resulted.									
Ellis, Trego, Rooks, Phillips and Smith Counties	10	1500-1920CST			0	0	4	5	Hail
A cluster of severe thunderstorms formed southeast of Wakeeey and moved north through Phillipsburg and on into Nebraska. The storms dropped large hail upon parts of the listed counties. Considerable crop damage resulted, particularly in Rooks and Phillips Counties. Two inch diameter hailstones fell near Zurich at 1555CST, golfball size fell in Plainville at about 1610CST and two inch fell in the northwest corner of Smith County at 1920CST.									
The storms also generated 4 tornadoes which are listed separately.									
Northeast Trego County	10	1510-1530CST	10	300	0	0	5	0	Tornado (F3)
A tornado touched ground 4 miles west of Ellis and moved almost straight north 10 miles. The twister destroyed two farmsteads west of Ellis. The tornado was visible for a good distance, and the Kansas Highway Patrol stopped traffic on Interstate 70 when the twister crossed.									
Zurich, Rooks County	10	1550-1730CST	30	300	0	0	6	0	Tornado (F3)
A large tornado touched ground about 3 miles south and 4 west of Zurich. The tornado just missed hitting Zurich as it moved northeast and finally lifted about a mile north of Woodston. The twister caused extensive damage, especially near Zurich. Trees, power lines and farm machinery were heavily damaged and destroyed.									
Rooks and Phillips Counties	10	1640-1810CST	32	200-1000	0	0	6	0	Tornado (F4)
A massive tornado dropped to the ground near Webster in Rooks County and moved almost straight north, finally lifting 7 miles southwest of Woodruff in northwest Phillips County. A good deal of damage was done to farm buildings, farm equipment, trees and power lines.									
Eastern Phillips and Northwest Smith Counties	10	1800-1920CST	21	200-1000	0	1	6	0	Tornado (F4)
A large tornado came to the ground 2 miles south and 2 west of Agra. The twister passed just west of Agra and then tore up several farms north of the town. The most extensive damage occurred 10 miles north and 2 east of town. Several farms suffered major damage and one man was injured there. The tornado remained on the ground through the extreme northwest corner of Smith County and finally entered Nebraska about 3 miles west of the intersection of Kansas Highway 8 and the Nebraska Border (about 16 miles north and 2 east of Kensington) about 1920CST. The storm track covered 21 miles in Kansas and another 35 miles after it entered Nebraska, making a total of 56 miles.									
Lakin, Kearny County	10	1945CST	Short Narrow		0	0	0	4	Tornado (F0), Hail
A tornado touched down briefly 18 miles northwest of Lakin. No damage resulted from the tornado, but large hail that preceded the twister damaged crops in a few fields.									
Garden City, Finney County	10	2035CST			0	0	0	2	Wind
Thunderstorm wind gusts estimated at 60 mph hit an area 10 miles north-northeast of Garden City.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

— KANSAS

Kansas City, Wyandotte County	11 1415CST	0 0 4 0	Wind	Thunderstorm winds estimated at 50 to 60 mph caused minor property damage in Kansas City, Kansas.					
Wellington, Sumner County	12 2210CST	0 0 0 2	Hail	One inch hail fell at Wellington for a brief period.					
Hutchinson, Reno County	12 2343CST	0 0 6 4	Hail	A strong thunderstorm developed in northern Kingman County and moved rapidly north through Reno County. It became severe for about 20 minutes over and north of Hutchinson, and dropped copious amounts of golfball to baseball size hail in a strip 2 miles wide and 5 miles long. Extensive damage resulted, with at least a million dollars damage to cars alone. Several hundred windows and skylights were broken out as well.					
Hamilton, Kearny and Finney Counties	12- 2330- 13 0145CST	0 0 4 6	Hail, Wind	Thunderstorms packing damaging winds and large hail developed near Syracuse and moved to Garden City. Wind gusts estimated at 70 mph and large hail hit Syracuse at 2330CST. Gusts of 60 mph were reported at Lakin at 0045, 80 mph gusts hit 2 miles northwest of Garden City at 0126 and on the north side of the city at 0139CST. Considerable crop damage resulted from the hail over all three counties.					
Wichita, Scott, Lane, Ness, Logan, Gove, Trego, Sheridan, Graham and Rooks Counties	13 0000- 0300CST	0 0 5 6	Wind, Hail	Severe thunderstorms formed between Leoti and Dighton and moved northeast toward Hill City and Stockton. Strong winds and hail caused widespread property and crop damage throughout the listed counties. Inch diameter hailstones pelted Hill City at 0045CST and golfball size fell at Shields in Lane County about 0120CST. Wind gusts of 50 to 80 mph hit Webster Reservoir about 0230CST.					
Scott City, Scott County	13 0005CST	0 0 0 0	Tornado (F0)	A small tornado touched down briefly 4.5 miles southwest of Scott City. No damage resulted.					
Smith, Jewell, Mitchell, Lincoln and Republic Counties	13 0300- 0645CST	0 0 5 5	Wind, Hail	Severe thunderstorms with damaging winds and large hail formed around Smith Center and moved toward Belleville. The storms spread south into Mitchell and Lincoln Counties as they moved east. Extensive wind damage was done in the Athol and Cedar areas of Smith County around 0330CST, 70 to 80 mph winds hit Burr Oak in Jewell County at 0516, and winds greater than 70 mph caused damage around Courtland in Republic County at 0550. Three quarter inch hail fell in Athol at 0337, southwest of Mankato at 0514, in Burr Oak at 0516, south of Beloit at 0541, and 3 miles north of Courtland at 0600CST. Golfball size hail also fell at the Lincoln Airport at 0555CST. Considerable crop damage resulted with most of it in Jewell County. Several pivot irrigation systems were damaged near Scandia.					
Waldo, Russell County	13 0450CST	0 0 0 2	Hail	Golfball size hail fell in a small area around Waldo. Little damage resulted.					
Bartlett, Labette County	13 0527CST	0 0 3 4	Hail	An early morning severe thunderstorm moved through southeast Labette County and deposited golfball size hail at Bartlett.					
Dunlap, Morris County	13 0530CST	0 0 0 3	Hail	Inch diameter hailstones fell upon a small area near Dunlap. Minor crop damage resulted.					
Wichita, Sedgwick County	13 0955CST	0 0 0 3	Hail	Three quarter inch hail fell in northwest Wichita for a brief period.					
Sumner and Cowley Counties	13 1000- 1030CST	0 0 3 0	Wind	Strong straight-line winds in excess of 60 mph preceded a squall line as it moved through northeast Sumner and northwest Cowley Counties. A pole barn was destroyed just west of the county line west of Udall; and a pole barn, wooden garage and other outbuildings were torn apart a mile east of Rock.					
Augusta, Butler County	13 1025CST	0 0 4 0	Wind	Straight-line winds estimated in excess of 70 mph hit a mile south of Augusta. The winds tore away a garage and storage area from a house. Large trees were uprooted and two metal sheds were destroyed.					
Parsons and Oswego, Labette County	13 1315- 1320CST	0 0 4 2	Wind, Hail	A line of severe thunderstorms moved through eastern Labette County. They dropped golfball size hail and produced 60 to 70 mph winds at Oswego at 1320CST. Damage was slight at Oswego, but a metal hay barn was partially destroyed 2 miles northeast of Parsons and a 3200 foot section of roof was ripped from a lumber yard in Parsons.					

— KANSAS

Ellis and Russell Counties	13 1430- 1545CST	0 2 5 5	Wind, Hail	A severe thunderstorm formed just west of Hays and moved east to Wilson Lake. A wind gust was measured at 58 mph at the Hays Airport at 1437CST. Golfball size hail fell in eastern Ellis County at 1445 and caused a good deal of crop damage. Winds estimated at 70 mph hit Wilson Lake about 1530. Two people suffered minor injuries when several camping trailers were overturned.					
Salina, Saline County	13 1934CST	0 0 0 4	Hail	A thunderstorm dropped 3/4 inch hail 10 miles southwest of Salina. A good deal of crop damage resulted.					
Republic, Republic County	23 1800- 1900CST	0 0 0 5	Hail	A severe thunderstorm crossed the northwest part of Republic County. Inch diameter hailstones fell in the town of Republic at 1813CST.					
Marshall, Nemaha, Brown and Doniphan Counties	26 1420- 1630CST	0 0 5 5	Hail, Wind	A line of thunderstorms formed between Marysville and Troy. The storms dropped a great deal of hail and produced strong winds throughout the listed counties. Golfball size hail fell at Beattie at 1435, at Woodlawn between 1520 and 1540, and near Hiawatha at 1615CST. Trees suffered a good deal of wind damage in Hiawatha around 1615CST.					
Pratt, Pratt County	26 1750CST	0 0 4 5	Hail, Wind	Baseball size hail and strong wind gusts hit an area 15 miles west of Pratt. Considerable crop damage resulted.					
Kansas City, Johnson and Wyandotte Counties	26 1830- 2030CST	0 1 4 0	Wind, Lightning, Hail	Intense thunderstorms packing damaging winds hit the Kansas City, Kansas Metropolitan Area. Gusts estimated at 60 mph hit Edwardsville at 1847 and near 25th and Riverview in Kansas City, Kansas at 1850. The winds knocked down tree limbs and twisted some metal signs at a service station in Overland Park near 135th and Switzer at 1915CST. Hailstones 3/4 inch in diameter fell at Johnson County Industrial Airport at 2019. A woman suffered minor injuries when lightning struck near her at a Bonner Springs golf course just before 2000CST.					
Meriden and Valley Falls, Jefferson County	26 1835CST	0 0 3 4	Hail	Hail the size of golfballs fell in a small area between Meriden and Valley Falls.					
Cottonwood Falls, Chase County	26 1940- 2002CST	0 0 0 3	Hail	A severe thunderstorm produced 3/4 inch hail 3 miles south of Cottonwood Falls at 1940CST and one inch hail fell 8 miles south of Cottonwood Falls at 2002.					
Smith County	26 1945- 2045CST	0 0 3 5	Hail	A severe thunderstorm crossed Smith County southwest to northeast. Inch diameter hailstones fell at Athol and also 2 miles north of Smith Center at 1953CST. A good deal of crop damage resulted.					
Paola, Miami County	26 2102CST	0 0 3 2	Hail	Golfball size hail fell for a short time in Paola.					
Hill City, Graham County	26 2130CST	0 0 4 4	Hail	One inch hail fell in Hill City. A good deal of crop and property damage resulted.					
Eureka, Greenwood County	26 2131CST	0 0 0 3	Hail	Three quarter inch hail fell 15 miles north of Eureka. Little damage resulted.					
Cedar Vale, Chautauqua County	26 2133CST	0 0 0 1	Hail	Three quarter inch hail fell 6 miles southeast of Cedar Vale. Very little damage resulted.					
Yates Center, Woodson County	26 2217CST	0 0 0 2	Hail	Inch diameter hailstones fell 5 miles north of Yates Center. Little damage resulted.					
Osage City, Osage County	26 2220CST	0 0 2 0	Wind	Thunderstorm wind gusts estimated at 50 to 60 mph hit Osage City.					
Segwick and Butler Counties	27 0115- 0145CST	0 0 0 3	Hail	Hail accompanied a squall line through Sedgwick and Butler Counties. Golfball size fell in El Dorado at 0140, and three quarter inch dropped to the ground in the northwest and extreme eastern portions of Wichita at 0120CST.					
Grenola, Elk County	27 0300CST	1 1 0 0	Lightning	Lightning struck a tent 2 miles west of Grenola in southwest Elk County. A 24 year old man who was sleeping in the tent was killed, and his companion was knocked unconscious and badly burned.					

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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

KANSAS

Hays, Ellis County	27	0400CST			0	0	4	0	Lightning Lightning struck an oil tank battery about 12 miles north of Hays.
Cottonwood Falls, Chase County	27	0944-1002CST			0	0	0	3	Hail, Wind A small amount of ping pong ball size hail and winds estimated at 60 mph caused minor damage 10 miles northeast of Cottonwood Falls.
Goodland, Sherman County	27	1150CST			0	0	0	4	Hail Three quarter inch hail fell at Goodland. Some crop damage resulted in the area around town.
Englewood, Clark County	27	2120CST			0	0	0	3	Hail Hail the size of golfballs fell 3 miles north of Englewood. Minor crop damage resulted.
Bucklin, Ford County	27	2230CST			0	0	0	2	Hail Golfball size hail fell near the border between Ford and Kiowa Counties, 3 miles east of Bucklin. Minor crop damage resulted.
Cloud, Geary, Clay, Dickinson, Morris, Riley and Lyon Counties	29	0700-1000CST			0	0	5	6	Wind, Hail A severe thunderstorm developed east of Concordia and moved southeast to near Emporia. Large hail and winds estimated at 70 mph hit the Clay Center area about 0730CST. The storm caused widespread serious crop damage through a good deal of Clay County. Golfball size hail fell at Parkerville at 0910 and 3/4 inch fell at Council Grove at 0940. Winds estimated at 60 mph caused minor property damage at Council Grove at 0940 and at Americus at 0945CST.
Eureka, Greenwood County	29	1045-1056CST			0	0	3	3	Wind, Hail Winds gusting above 60 mph damaged outbuildings at Lake Eureka and knocked down 4 power poles north of town about 1045, and 3/4 inch hail fell 5 miles northeast of Eureka at 1056CST.
Thrall, Greenwood County	29	1107CST			0	0	2	3	Wind, Heavy Rain, Hail A severe thunderstorm produced winds in excess of 60 mph, golfball size hail and 2.5 inches of rain in 20 minutes at Thrall. Minor damage resulted from the wind and hail.
Lawrence, Douglas County	29	1200CST			0	0	4	0	Wind A thunderstorm downburst wind estimated at 60 to 70 mph turned a mobile home onto its side and knocked another off its blocks. Neither of the homes was tied down.
Crawford and Cherokee Counties	29	1230-1345CST			0	0	4	3	Wind A severe thunderstorm formed around Girard and Pittsburg and moved through eastern Cherokee County. Winds estimated at 60 to 75 mph partially unroofed three barns near Pittsburg about 1255CST; and trees, power poles and roofs were damaged near Crestline at 1315CST.
Jewell, Republic and Washington Counties	30	0015-0200CST			0	0	6	5	Hail A severe thunderstorm formed near Mankato and moved east through Washington. Hail did extensive damage to crops and property with the major damage mostly in Belleville and Republic County. Three quarter inch hail fell at Webber at 0035 and in Washington at 0130CST. Golfball and larger size hail caused severe damage to roofs, windows and vehicles in Belleville at 0052CST.
Morrill, Brown County	30	1715CST			0	0	0	4	Hail Hailstones 3/4 inch in diameter damaged crops in northwest Brown County around Morrill.
Spring Hill and Gardner, Johnson County	30	1930-1940CST			0	0	0	2	Hail, Funnel A severe thunderstorm dropped 3/4 inch hail in Spring Hill at 1931, and a funnel was sighted near Gardner at 1935CST.
SPECIAL HAIL SUMMARY									
Kansas-Oklahoma Hail Loss Service reports indicate hail was especially damaging to crops in the listed counties on the following dates:									
05 Kearny									
06 Ford, Harper									
10 Graham, Phillips, Rooks									
12 Gove, Graham, Hamilton, Pawnee, Sheridan, Trego, Wichita									
13 Clay, Edwards, Ellis, Finney, Gove, Graham, Grant, Hamilton, Jewell, Kearny, Labette, Lane, Logan, Neosho, Ness, Pawnee, Phillips, Pratt, Reno, Republic, Rooks, Rush, Saline, Scott, Sheridan, Smith, Stafford, Stanton, Trego, Wichita									
19 Stanton									
20 Finney, Haskell									
23 Republic									
26 Barber, Brown, Dickinson, Doniphan, Ellis, Graham, Marshall, Nemaha, Pratt, Smith, Trego									
27 Cheyenne, Dickinson, Graham, Morris, Trego									
28 Clay, Graham, Trego									
29 Clay, Cloud, Dickinson, Geary, Greenwood, Jackson, Morris, Riley									
30 Brown, Doniphan, Republic									

15 KENTUCKY

Meade County	13	APTN			0	0	3	2	Hail Hail damaged roofs of homes, garages, and barns at Midway and Payneville.
Breckinridge County	14	2010EST			0	0	4	2	Hail, Wind Pea size hail and 35 mile per hour winds were reported by the Breckinridge County sheriff. Power lines were downed and small hail fell at Hardinsburg.
Breckinridge County	14	2045EST			0	0	2	0	Hail, Rain Marble size hail was reported at Rough River along with two inches of rain in one hour.
Clinton County	15	0030EST			0	0	2	0	Hail, Wind Marble size hail and 45 mile per hour winds were reported at Albany.
Jefferson County	15	0045EST			0	0	2	0	Severe Thunderstorm 60 mile per hour winds were recorded at the National Weather Service Forecast Office in Louisville, Kentucky.
Jefferson County	15	0045EST			0	0	4	2	Severe Thunderstorm Scattered power lines were downed in the Louisville metropolitan area, and numerous lightning strikes to power lines and electrical insulators occurred.
Taylor County	15	0045EST			0	0	3	2	Severe Thunderstorm 60 mile per hour winds and marble size hail were reported at Campbellsville.
Jefferson County	15	0050EST			0	0	2	2	Thunderstorm, Hail Hail, 1/2 inch in diameter was reported over north-east Jefferson County. Trees were downed over northern Jefferson County.
Shelby County	15	0100EST			0	0	3	0	Lightning Lightning damaged 2 video display terminals in the newsroom at the Sentinel News Office in Shelbyville. The phone systems were also knocked out by lightning.
Anderson County	15	0230EST			0	0	3	0	Wind 60 mile per hour winds were reported over the southern part of Anderson County. A few trees were down along the Blue Grass Parkway. Power poles were snapped over the southern part of Anderson County. Rainfall of 0.62 of an inch fell in ten minutes.
Pulaski-Laurel County line	16	1505EST			0	0	2	2	Hail Hail, 1/2 inch in diameter, fell at the Pulaski-Laurel County line.
Rockcastle County	16	1515EST			0	0	3	2	Wind Tree damage was reported in Mt. Vernon.
Ohio County	27	1707EST			0	0	4	3	Hail Hail, 2 3/4 inches in diameter (baseball size), fell at Beaver Dam. Electrical service was disrupted in several surrounding areas. Damage was sustained to roofs, automobiles, and outbuildings, along with tree damage. One inch of rain fell during the severe thunderstorm in a 20 minute period.
Mercer County	28	1600EST			0	0	3	2	Wind Trees were reported down at Salvisa.
Jessamine County	28	1730EST			1	0	0	0	Lightning A 13 year old boy was struck and killed by lightning while playing Little League baseball in Nicholasville.
Fayette County	28	1800EST			0	0	3	0	Wind Power line and poles were downed in the Lexington area during high winds.

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MAY 1955

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					KILLED	INJURED	PROPERTY	CROPS	
16 LOUISIANA									
Iberia Parish	08	1315CST			0	0	?	?	Severe Thunderstorm - Winds
			Straight-line winds from a severe thunderstorm snapped utility poles and broke several large tree branches in Jeanerette.						
Washington and St. Tammany Parishes	08	1700CST			0	0	?	?	Thunderstorms - Winds and Heavy Rain
			Heavy rains were flooding roads 10 miles southeast of Franklin; Sun received 4.36 inches of rain. Strong winds knocked down trees 10 miles southeast of Franklin and 17 miles south of Talisheek.						
Desoto Parish	13	1930CST			0	0	?	?	Severe Thunderstorm - Winds
			Straight-line winds uprooted a large tree which fell on top of a home in Logansport. The home received moderate damage. Some sign and roof damage was reported by Logansport businessmen.						
Natchitoches Parish	14	0900CST			0	0	?	?	Funnel Cloud, Severe Thunderstorm - Winds, Hail
			The sheriff's department saw a funnel cloud near Montrose. Straight-line winds blew down trees near Natchez and Montrose. Tree damage was reported in the Kisatchie National Forest. Golf-ball sized hail fell south of Cypress.						
Franklin and Tensas Parishes	14	1145CST			0	0	0	?	Severe Thunderstorms - Wind
			Severe thunderstorm winds downed trees in portions of Franklin and Tensas Parishes between 1145CST and 1300CST.						
Sabine Parish	21	0800CST			0	0	?	?	Severe Thunderstorms - Winds
			Strong winds rolled back a marina's roof, sank three boats at the dock, capsized several barges and blew one barge out of the water against a tree near the Sabine Lake Dam.						
Southern	21	0830CST			2	7	5	?	Severe Thunderstorms - Winds, Hail, Waterspouts
			A fast-moving line of severe thunderstorms moved across the southern parishes between 0830CST and 1330CST, producing widespread wind damage and sinking or capsizing at least 20 boats. At 0830CST high winds destroyed or severely damaged five mobile homes near Iowa in Calcasieu Parish. In addition, a roof was lifted off from an office building; power lines were blown down and debris closed U.S. 90 until 1600CST. Two people were injured. The cooperative weather observer in Jennings (Jefferson Davis Parish) reported sustained three minute winds of 58 MPH at 0930CST. Between 1000CST and 1030CST, strong winds overturned an airplane at the Abbeville airport in Vermillion Parish and blew down some trees which damaged homes and businesses in Erath and Opelousas in St. Landry Parish. About 1030CST, winds uprooted trees which damaged trailers and homes in Franklin (St. Mary Parish). A tree fell on top of a trailer and did severe damage in Baldwin; another tree fell on five parked cars there. Between 1030CST and 1100CST, winds estimated in excess of 70 MPH and high waves capsized or sank 13 shrimp trawlers in Vermillion Bay (Iberia Parish) and 7 boats in Cote Blanche Bay (St. Mary Parish), injuring three people. A mobile home was flattened by high winds and a large metal shed was blown into a home in the New Iberia area. A tied down helicopter was blown off its pad and left dangling over the side of a oil rig off the Vermillion/Iberia Parish coast. Between 1100CST and 1130CST, numerous trees were snapped off or uprooted in Morgan City (St. Mary Parish) where one tree fell on top of a home. About 1115CST, two homes lost roofs in Napoleonville in Assumption Parish. Trees fell on top of three other homes in other parts of Assumption Parish. Strong winds lifted off the top of a moored barge and blew it over the Mississippi River levee near Convent in St. James Parish. Around 1130CST, a 1800 square foot roof section was torn off a store in Houma (Terrebonne Parish) where trees and power lines were reported down also. Several homes were damaged in Thibodaux in Lafourche Parish. About 1215CST, strong winds blew through the openings of an open house frame, causing it to collapse. One 23 year old worker was killed; another 22 year old fellow construction worker escaped the collapsed house with injuries in Kenner (Jefferson Parish). Winds tore off a section of a New Orleans bus barn (Orleans Parish) and threw it 50 yards before it came to rest on a roof of a neighboring home. It tore a 6 foot hole in the home's roof. Around 1230CST, the cooperative observer in Gretna (Jefferson Parish) reported 60 MPH winds and half inch hail. Some damage occurred to a lumber company and a large oak tree was uprooted there. 70 MPH winds and half inch to three-quarter inch hail was reported by a TV meteorologist and a National Weather Service employee in the French Quarter section of New Orleans (Orleans Parish) at 1235CST. At 1232CST, several waterspouts were visible over Lake Pontchartrain from Lakefront Airport and the Causeway Bridge (Orleans Parish). About 1245CST, trees and power lines were blown down in Hammond (Tangipahoa Parish) where a school received some wind damage. Between 1300CST and 1400CST, strong winds tore off a roof and caused a wall to collapse at a Chalmette (St. Bernard) business. In addition, a trailer and a carport were destroyed. A 23 year old man was killed when high						

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					KILLED	INJURED	PROPERTY	CROPS	
LOUISIANA									
			winds and waves overturned his 32 foot shrimp boat in Lake Borgne. Trees and power lines were blown down in Talisheek (St. Tammany Parish) at 1305CST. In addition, a tree was blown on top of a house in Robert and several trees were uprooted in Folsom. Large trees were blown down in Covington, Lacombe, Slidell and Pearl River. In Slidell, a large oak tree fell on top of 5 parked vehicles; another tree fell on a garage roof causing it to collapse and injure a 55 year old man who had to be hospitalized.						
Calcasieu Parish	23	0520CST			0	0	?	?	Severe Thunderstorm, Winds and Hail
			A line of severe thunderstorms moved rapidly across the parish. Vinton reported three-quarter inch hail and strong winds which uprooted a large pecan tree. This tree fell on top of a two car garage, heavily damaging it. Also, strong winds blew down power lines south of Lake Charles.						
Acadia and Vermillion Parishes	23	0650CST			0	0	?	?	Severe Thunderstorm - Winds
	23	0730CST	1.5	50	0	0	4	?	Tornado (F1)
			At 0650CST, straight-line winds from severe thunderstorms damaged a barn and knocked down power lines. A small, short-lived tornado moved through Iota around 0730CST, doing about \$20,000 damage to trees, utility poles, plate glass windows and roofs. One building and the town's emergency water pump were blown off their foundations. Some tree damage was reported in Church Point and Abbeville later from straight-line winds.						
Jefferson Parish	23	1000CST			0	0	?	?	Severe Thunderstorms - Winds
			Leeville reported wind gusts of 65 MPH; an oil rig 20 miles south of Leeville had 75 MPH wind gusts. At 1015CST, Grande Isle had 60 MPH gusts from a severe thunderstorm.						
West Baton Rouge Parish	28	1245CST			0	0	?	?	Severe Thunderstorms - Wind
			Severe thunderstorm winds blew down an 85 foot wooden tower. Numerous tree limbs were blown into power lines in the Port Allen area.						
17 MAINE									
Buckfield, East Sumner, Auburn; Oxford & Androscoggin Counties	13	1600EST			0	0	5	0	Lightning
			Scattered thunderstorms produced several damaging lightning strikes late Monday afternoon. The old church on the hill in Buckfield had its 60-foot steeple struck, splitting it in several places. The farmhouse on Hedgehog Hill Farm was struck by lightning. Damage was confined to the electrical wiring and walls and ceiling of the cellar. In Auburn, lightning struck a home, causing electrical problems, but no fire. Also reported was a lightning-induced brush fire in Chesterville (Franklin County) that was quickly extinguished. At Bryant Pond (Oxford County) small hail, 1/4 to 1/2 inch, was reported to have fallen for 15 minutes, which nearly covered the ground.						
Old Town & Winter Harbor; Penobscot & Hancock Counties	13	2200EST			0	0	4	0	Severe Thunderstorms
			Thunderstorms produced 1-1/2 inch diameter hail in Old Town between 2200 and 2230EST. Life-long residents of Winter Harbor, some in their 80s, said that the electrical storm was the worst they could remember. Lightning raised havoc by striking several homes, one being hit at least three times. The lightning melted two transformers, burned out numerous home appliances, and ruined several submersible well pumps in the western section of Winter Harbor.						
Princeton; Washington County	21	1430EST			0	0	4	0	Severe Thunderstorm
			A severe thunderstorm passed through Princeton, producing ping-pong ball size hail, turning over a trailer, and felling trees across U.S. Route 1.						
York, North Berwick, Kittery Point, Kennebunkport; York County	21	1300EST			0	0	5	0	Lightning
			During the height of the thunderstorms that rumbled across York County late Tuesday afternoon, a total of four barns were struck by lightning. The barns were in York, North Berwick, Kittery Point, and Kennebunkport. Only the Kennebunkport barn blaze was kept under control, while the remaining barns burned to the ground.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

18 MARYLAND and D.C.

Anne Arundel, Baltimore, Howard, and Montgomery Counties; Baltimore City	28	1300-1500 EST			0	0	5	4	Thunderstorm
<p>A severe thunderstorm moved east from Northeastern Montgomery County across the City of Baltimore and Northern Anne Arundel County. Strong gusty winds piled three-quarter inch hail to a depth of 5 inches in the Laytonsville area of Montgomery County. Winds estimated near 50 mph blew the Harborplace band shell over the sea wall in Baltimore's Inner Harbor. Many trees were felled in the Pasadena section of Northern Anne Arundel County, with resultant damage to power lines and homes. Corn plants were shredded in the field in Northeast Montgomery County and may need to be replanted because of the wind-driven hail.</p>									
Charles County	28	1700 EST			0	0	0	3	Thunderstorm
<p>Three-quarter inch hail fell for a brief period near Waldorf, resulting in relatively minor agricultural losses.</p>									

19 MASSACHUSETTS

Foxboro, Norfolk County	12	Early Morning			0	0	3	0	Lightning
<p>Lightning struck a house and blew two holes in the roof, one upon entry and one as it exited to ground in a nearby tree. No fire resulted, but there was slight interior damage.</p>									
Berkshire and Hampden Counties	13	1630-1800EST			0	0	3	0	Lightning, Large Hail, Wind
<p>A lightning strike caused a fire in a former school in Agawam. One inch size hail was reported in Becket where hail accumulated to 1 1/2 inches deep on the Massachusetts Turnpike. One inch size hail was also reported from Southwick, along with some downed trees. Half inch size hail fell in Longmeadow, with gusty winds of 40 to 50 mph reported. Up to 8,000 electric customers lost power in the greater Springfield area. Large, one inch size hail was also reported in Richmond in the Berkshires.</p>									
Holyoke, Chicopee, and Ludlow, Hampden County; and Holden, Worcester County	21	Late Afternoon			0	0	0	0	Funnels
<p>Funnel clouds, accompanying severe thunderstorms, were reported in each community for a total of four sightings.</p>									
Hampden and Hampshire Counties	21	Late Afternoon			0	0	5	0	Thunderstorm Winds, Lightning, and Local Flooding
<p>Severe thunderstorms moved through the area, with a couple of areas receiving downburst winds. Some thirty trees were toppled in the Indian Orchard section of Springfield. Winds in Chicopee blew off portions of a roof at the Quality Inn and damaged some autos.</p> <p>Lightning-ignited fires were reported in homes in Springfield, Monson and Wilbraham. Street floodings accompanied the storms in parts of the area. There were also power outages in parts of the area.</p>									
N. Amherst, Hadley and Hatfield, Hampshire County	21	1400EST			0	0	3	3	Large Hail
<p>Hail the size of golf balls smashed glass sashes covering tobacco seedlings on a farm in Hadley. One inch size hail was reported at N. Amherst.</p>									
Holyoke, Hampden County	21	1530EST			0	0	0	0	Large Hail
<p>Golf ball size hail was reported.</p>									
Spencer, Worcester County	21	1530EST			0	1	0	0	Lightning
<p>Lightning struck a tree and then jumped to a breezeway where two people had taken shelter from the storm. One of the two was struck by lightning, injured and hospitalized.</p>									

20 MICHIGAN

Ontonagon, Houghton, and Baraga Counties	09	1630-1645 EST							Hail
<p>3/4 inch hailstones were reported at Pelkie, Covington, and north of Bruce Crossing.</p>									
Genesee, Livingston, and Washtenaw Counties	15	1545-1630 EST			1		3		Thunderstorm, Lightning, and Funnel Cloud
<p>Scattered wind damage occurred in Livingston County. A man was injured by lightning in Swartz Creek, Genesee County. A funnel cloud was reported 4 miles southwest of Ypsilanti.</p>									
2 SSE of Webberville, Ingham and Livingston Counties	15	1900EST	0.6	15				3	Tornado (F0)
<p>A rotating funnel cloud was observed by four persons from different locations. A mobile home was damaged and the tops were taken off of several trees. The track became indefinite just after crossing the county line.</p>									

MICHIGAN

Michigan Thumb Area	26	1815-1930EST							4 Thunderstorms
<p>Huron County: 1815-1900EST. Trees and power lines were downed. Tuscola County: 1830-1915EST. Trees and power lines were downed. Sanilac County: 1845-1930EST. Trees and power lines were downed.</p>									
Saginaw Valley	26	1815-2030EST						4	Thunderstorms
<p>Isabella County: 1815-1900EST. Trees and power lines were downed. Midland County: 1845-1930EST. A building was blown down in Coleman. A tornado, listed below, was part of this storm. Gratiot County: 1845-1915EST. Trees and power lines were downed. Bay County: 1900-1945EST. Unconfirmed funnel clouds were reported.</p> <p>Saginaw County: 1915-2000EST. Trees and power lines were downed. Unconfirmed funnel clouds were reported.</p> <p>Shiawassee County: 1930-2000EST. A funnel cloud, listed below, was part of this storm.</p> <p>Genesee County: 1945-2030EST. Unconfirmed funnel clouds were reported.</p> <p>Lapeer County: 2000-2030EST. Power lines were downed.</p>									
5 ESE Pleasant Valley, Midland County	26	1845EST	0.2	10				0	Tornado (F0)
<p>A tornado touched down in an open field and moved southeast.</p>									
1 NW Durand, Shiawassee County	26	1950EST							Funnel Cloud
Tecumseh to Ridgeway, Lenawee County	27	0005EST	4.9	80				3	Tornado (F1)
<p>6 streets were blocked by fallen trees. Tops snapped off trees at the beginning of the track. Large trees were uprooted and two houses were damaged about 1/2 mile further along the path. The tornado moved east-southeast through the northern part of Tecumseh, then continued on an intermittent path through open country. Snapped off trees blocked a road and damaged a house in Ridgeway, where windows exploded as well. Edges of the damage path were well-defined.</p>									
Ypsilanti, Washtenaw County	27	1230EST							Thunderstorm
<p>A gust of up to 60mph occurred at Willow Run Airport.</p>									
4 SW Ida, Monroe County	27	1440EST							Funnel Cloud, Hail
<p>A funnel cloud was seen by several persons. 1" hail was reported nearby.</p>									
2 S. Ottawa Lake, Monroe County	27	1455EST							Funnel Cloud
Oakland and Wayne Counties	30	1000-1100EST						3	Thunderstorms
<p>Wind damage resulted from thunderstorms, mostly in Oakland County. Freeways and basements were flooded in Detroit.</p>									
Nunica, Ottawa County to SE Sparta, Kent County	30-31	2330-0100EST	21						C Hail
<p>Large hail of up to 1 3/4" diameter caused \$2million of damage to fruit crops.</p>									
Eau Claire to 5 W of Portage; Berrien, Cass, VanBuren, and Kalamazoo Counties	31	just after 34 Midnight						3	C Hail
<p>1" hailstones fell at Eau Claire, Berrien County, and 2" hailstones fell at Pitcher Lake, Cass County. Major damage occurred to fruit crops. Several cars were damaged.</p>									
Leslie, Ingham County	31	0205EST							Hail
<p>1 3/4" diameter hailstones fell.</p>									
Kinross, Luce, and Chippewa Counties	31	0630-0730EST						4	Thunderstorm
<p>Scattered power outages occurred. Hailstones of up to 3/4" fell at Chippewa International Airport.</p>									
Area south of a Muskegon-Clare-Oscoda line	31	1000-1800EST			1	1	5		C Wind, Dust
<p>Persistent strong winds struck southern Michigan, with gusts of up to 59mph at Lansing, 65mph at Midland, 68mph at Bay City, 58mph at Flint, and 46mph at Port Huron. A woman was killed in the collapse of a temporary walkway in Lansing. A boy was injured by a falling tree in Pontiac. Very widespread soil erosion and blowing dust occurred. 1 person was killed and several injured in traffic accidents due to poor visibility. Power outages affected 175,000 customers. Many trees were downed. Scattered damage occurred to buildings and vehicles. Many fires were started by ruptured power lines. Extensive crop damage also occurred. There was flooding on the northeast shore of Lake St. Clair, and minor flooding on the east shore of Saginaw Bay.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	
21 MINNESOTA									
International Falls (Koochiching County)	4	0410CST			0	0	0	0	Hail
		Hail 3/4 inch in diameter reported at International Falls.							
Norman County	4	1530-1545CST	7	50	0	0	0	0	Tornado (FO)
		A tornado sighted 3 miles east of Ada moved over central Norman County, mostly aloft, to a location two miles north of Twin Valley where it was last seen to have touched down.							
New York Mills (Ottertail County)	4	1700CST			0	0	4	0	Lightning
		Lightning hit and zigzagged through the telephone wires of a home. Telephone lines were melted and a phone was blown off a wall. Windows were shattered and portions of the concrete foundation were broken.							
Northwest	8	1700-1800CST			0	0	3	0	Hail
		Hail pounded extreme northwest Minnesota, breaking windows in homes and causing roof damage. Golfball size hail was reported from the Lake Bronson area of Kittson County at 1725CST and at Thief River Falls in Pennington County at 1745CST. Large hail was also reported from Donaldson in southern Kittson County.							
Eastern Wright County	9	1740CST			0	0	0	0	Hail
		Golfball size hail reported from Rockford and Delano.							
Brooklyn Center (Hennepin County)	9	1757CST			0	0	0	0	Hail
		Golfball size hail reported from Brooklyn Center.							
Fridley (Anoka County)	9	1815CST			0	0	0	0	Hail
		Hail 1/2 inch in diameter reported from Fridley.							
Northern Ramsey County	9	1830-1900CST			0	0	0	0	Hail, Heavy Rain
		Golfball size hail reported from Shoreview at 1830CST, Maplewood at 1843CST and Little Canada at 1853CST. Some homes in New Brighton reported water rushing through their yards and some streets in the northwest part of the city were flooded with three feet of water.							
Ramsey County	9	1830-1900CST			0	0	4	0	Lightning
		Lightning hit four homes and a gas line in northern Ramsey County. Lightning caused considerable damage to the roof, wiring and plaster of one home and minor damage to the other three.							
Height of Land Lake (Becker County)	10	0900CST	1	30	0	0	0	0	Waterspout
		A funnel was observed touching down on Height of Land Lake and sucking up water from the lake.							
Eastern Becker County	10	0900-1000CST			0	0	?	0	Hail
		Hail up to two inches in diameter fell repeatedly over eastern Becker County for about an hour.							
Park Rapids (Hubbard County)	10	?			0	0	?	0	Hail
		Hail up to one and one-half inches in diameter hit Park Rapids, damaging numerous cars.							
Northeast Mahnomon County	10	1335CST			0	0	0	0	Hail
		One inch diameter hail reported four miles south of Lengby.							
Near Hitterdal (Clay County)	10	1500CST			0	0	0	0	Funnel
Mahnomon (Mahnomon County)	10	1548CST			0	0	0	0	Hail
		One inch diameter hail reported from Mahnomon.							
Clay County	10	1700-1800CST			0	0	?	?	Hail
		Hail up to 3/4 inch diameter reported at many locations.							
MINNESOTA									
Ottertail County	10	1755CST			0	0	0	0	Wind
		Thunderstorm winds knocked a tree across a highway east of Pelican Rapids and strong winds were also reported at Long Lake east of Vergas.							
Vergas (Ottertail County)	10	1820CST			0	0	0	0	Hail
		Walnut size hail reported at Vergas.							
Becker County	10	1822CST			0	0	0	0	Funnel
		Funnel observed 10 miles east of Detroit Lakes.							
Becker County	10	1905CST			0	0	0	0	Funnel
		Funnel observed 6 1/2 miles east of Detroit Lakes.							
Becker County	10	2140CST			0	0	0	0	Hail
		Golfball size hail reported in Tamarac Refuge in central Becker County.							
Norman County	10	2342CST			0	0	0	0	Hail
		One-inch diameter hail reported from the Fertile, Gary and Twin Valley areas in Norman County.							
Northwest and North Central	10, Friday 11, afternoon 12 through Sunday				0	0	5	0	Heavy Rain
		Heavy rains fell from northwest Minnesota into north central Minnesota. Reports of greater than five inch rainfall amounts came from Clay, Becker, Norman and Mahnomon Counties. The rains caused crop erosion damage and washed out roads and culverts as far east as northwest St. Louis County. Clearwater County reported twenty road washouts where water had flowed over the roadway. Numerous rivers and streams reached or exceeded bankfull.							
Minneapolis (Hennepin County)	11	1035CST			1	5	0	0	Lightning
		Lightning hit a tree in Lake Nokomis Park, sending an electrical charge down the tree and along the ground for nearly 50 yards. The lightning knocked softball players (who sought shelter under the tree) off their feet. Six players had to be hospitalized, one died the following day.							
New Ulm (Brown County)	11	1645CST			0	0	3	0	Wind
		Thunderstorm winds knocked down a large cottonwood tree, destroying a car.							
Redwood Falls (Redwood County)	11	1656-1730CST			0	0	0	0	Hail, Wind
		Hail from 1 to 1 inch in diameter reported from Redwood Falls. Three-fourths inch hail fell for a duration of ten minutes and winds knocked down power lines.							
Sargeant (Mower County)	11	1720CST			0	0	0	0	Wind
		Thunderstorms produced gusts to 70 miles per hour that knocked down tree limbs.							
Rochester (Olmsted County)	11	1733CST			0	0	0	0	Wind
		Thunderstorm winds reached 74 miles per hour.							
Chippewa County	11	1810CST			0	0	0	0	Funnel
		Funnel observed eight miles northwest of Montevideo.							
Osakis (Douglas County)	11	1840CST	.5	15	0	0	0	0	Tornado (FO)
		A tornado five miles southwest of Osakis skipped across an open field, moving from a southwest to northeast direction.							
North Mankato (Nicollet County)	14	1532CST			0	0	3	0	Wind
		Thunderstorm winds downed trees and moved a mobile home off its foundation.							

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MINNESOTA

Rochester (Otsted County)	14	1616CST			0	0	0	0	Wind
									Thunderstorm winds gusted to 63 miles per hour at the Rochester Airport.
Sibley County	14	1716CST			0	0	0	0	Funnel
									Funnel reported near Gaylord.
Dakota County	14	1720-1722CST			0	0	0	0	Hail
									Quarter-size hail reported from Lakeville and Apple Valley.
Northeast Sibley and Southwest Carver Counties	14	1726CST	3	100	0	0	4	0	Tornado (F1)
									State Patrol officer observed tornado touchdown just northeast of Green Isle, where two farms were damaged. Two more farms suffered damage in Carver County before the tornado lifted just south of Hamburg. The roof was ripped off one barn and another barn was damaged. Shingles were torn off a farm house, and a garage and several outbuildings were destroyed.
McLeod and Carver Counties	14	1730-1756CST			0	0	0	0	Funnels
									Several funnels were reported near Glencoe, Plato, between Lester Prairie and New Germany, and between Waconia and Watertown.
Waconia (Carver County)	14	1755CST	.1	10	0	0	0	0	Tornado (FO)
									Brief touchdown reported by spotter just northwest of Lake Waconia.
Coon Rapids (Anoka County)	14	1815CST			0	1	0	0	Lightning
									A golfer was knocked unconscious by lightning on a golf course in Coon Rapids and hospitalized with burns.
Sibley County	15	1405CST	.1	10	0	0	0	0	Tornado (FO)
									A tornado touched down briefly six miles south of Glencoe.
Renville County	15	1420CST			0	0	0	0	Funnel
									Funnel observed ten miles west of Hutchinson.
Fillmore County	29	1048CST			0	0	0	0	Wind
									High winds reached 60 miles per hour at Wykoff.
Shakopee (Scott County)	30	1535CST			0	0	0	0	Hail
									Golfball size hail reported in Shakopee.
Dakota County	30	1600-1630CST			0	0	3	0	Winds
									Strong thunderstorm winds swept from southwest to northeast across Dakota County.
Red Wing (Goodhue County)	30	1625CST			0	0	4	4	Hail
									Hail pounded Red Wing, damaging six airplanes at the Redwing Airport. The hail completely smashed the glass of a greenhouse where the duration of hail lasted 45 minutes. Twelve acres of strawberry crops were destroyed. Tennisball size hail was observed on the ground two hours after the hail had ended.
Herman (Grant County)	30	1628CST	1.5	20	0	0	3	0	Tornado (FO)
									A tornado was first sighted three miles south of Herman. The tornado moved northeast through several fields. A chimney and television antenna were damaged at one farm site.
Round Lake to Lakefield (Jackson County)	30	1650-1722CST	20	400	0	1	6	0	Tornado (F1)
									The tornado first struck two miles east of Round Lake, taking a portion of a roof off a farm house. Building damage occurred at 22 rural sites across southwest Jackson County, leading from Round Lake to Lakefield. The tornado, accompanied by heavy rain, blew a pickup off a road southwest of Lakefield then moved into Lakefield. Fifty homes were damaged, trees uprooted or snapped and power lines downed. Most of the damage occurred in a four square block area near the center of town where three homes were extensively damaged. The roof was blown off one home where a woman was injured by falling debris and flying glass.

MINNESOTA

Sacred Heart (Renville County)	30	1740CST			0	0	0	0	Wind
									Thunderstorm gust to 60 miles per hour reported at Sacred Heart.
Frost (Faribault County)	30	1800CST			0	0	4	3	Wind, Hail
									Thunderstorm winds struck a farm site four miles northwest of Frost. A barn was demolished, the roof of a machine shed was blown off and a small outbuilding was blown into a nearby field. Hail damaged a nearby soybean crop. Trees were also uprooted at an adjacent farm.
East Central	30	1920-2300CST			0	0	4	0	Wind
									Damaging thunderstorm winds crossed over the Twin Cities and the surrounding seven-county metropolitan area from west to east. Numerous trees were downed through St. Louis Park, Edina, Bloomington and Richfield. Power lines and building damage occurred due to falling limbs and trees. Wind damaged roofs on large commercial buildings along Highway 100 just north of Highway 494 in Edina and at Big Carnelian Lake in Washington County. A gust of 68 miles per hour was reported at the Crystal Airport at 1920CST, and a 67 mile per hour gust was recorded at the Twin Cities International Airport at 2050CST.
West Central	30	Evening			0	0	3	0	Lightning
									Lightning damaged the electrical system of a cottage north of Battle Lake on Blanche Lake (Ottertail County). The lightning hit a tree then followed an electric line underground and up the side of the cottage. Lightning also caused minor damage to several other homes and killed a calf.
West Central	30	Evening			0	0	4	0	Wind
									An area of thunderstorms generated damaging winds. Waves generated on Ottertail County Lakes moved docks, and boats were tumbled from their lifts. Winds also knocked down trees and tore off shingles. Two and one-half miles west of Starbuck in Pope County, heavy farm equipment was overturned.

22 MISSISSIPPI

Winston County	1	0130CST	1	50	0	0	5	3	Tornado (F2)
									A tornado touched down in the Betheden Road area about 6 miles NE of Louisville. A new sheet metal building measuring 60 feet by 75 feet was destroyed. Also damaged were 2 barns, a tractor trailer and several vehicles. Trees and power lines were also knocked down.
Pearl River County	1	0225CST			0	0	?	?	Hail
									Nickel sized hail fell 2 miles NE of McNeil.
Harrison County	1	0615CST			0	0	0	0	Waterspouts
									Two waterspouts were observed near Biloxi. Nine more waterspouts were observed in the Biloxi Coastal area between 1100 AM and 100 PM, but no damage was observed.
Oktibbeha County	1	0715CST			0	0	4	0	Lightning
									A house in Starkville caught on fire after being struck by lightning. The house received considerable damage.
Lowndes County	1	1300CST			0	0	5	0	Thunderstorm Winds
									Strong winds overturned an 18-wheeler along Highway 45 about 4 miles NW of Columbus. The winds also blew part of a roof off a supermarket and damaged the roof of a Church in the same area. Roof and tree damage occurred in Columbus, with a few windows blown out of cars. A short time later, the storm damaged several barns and uprooted trees in the Steens area about 8 miles NE of Columbus.
Lafayette County	7	1228CST			0	0	4	?	Hail/Thunderstorm
									Golfball sized hail and tree damage occurred in the town of Oxford. Also, high winds uprooted trees and threw large limbs through thick glass of the Student Union Building at the University of Mississippi.
Marion County	8	1435CST			0	0	?	?	Hail
									Golfball sized hail fell at the town of Cheraw.
Pike County	21	1200CST			0	0	?	?	Thunderstorm Winds
									Strong winds knocked over several trees on Highway 51 just north of Summit.
Hancock County	21	1310CST	.4	25	0	0	4	0	Tornado (F1)
									A tornado briefly touched down South of Pearlinton and unroofed a building.
Hancock County	21	1315CST			0	0	3	3	Thunderstorm Winds
									Strong winds knocked down several large trees in the northern portion of the county.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
MISSISSIPPI										MISSISSIPPI										
Hancock County	21	1325CST	.5	50	0	0	4	3	Tornado (F1), Lightning	Bolivar County	29	2030CST			0	0	?	?	Thunderstorm Winds Strong winds blew down trees and power lines near the town of Rosedale	
									A tornado touched down in Bay St. Louis near Bay Cove Marina, causing damage to numerous boats. The office building porch was destroyed while the roof was damaged. An 18-wheeler was blown over on its side. Trees and power lines were knocked down. An electrical transformer caught on fire after being struck by lightning.	Coahoma County	29	2030CST			0	4	4	?	?	Thunderstorm Winds Several large trees and power lines blown down by 60 mile an hour winds in the town of Clarksdale. One home was destroyed; 1 home sustained major damage; 20 homes sustained minor damage; and 8 businesses were damaged. One car was damaged when a tree fell on it.
Pearl River County	21	1325CST			0	0	3	3	Thunderstorm Winds	Washington County	29	2050CST			0	0	?	?	Thunderstorm Winds Trees and power lines blown down by high winds near Leland.	
									Strong winds south of Picayune at the National Space and Aeronautics Administration blew a trailer over. Also, several large trees and power lines were blown down in the county.	Sunflower County	29	2100CST			0	0	?	?	Thunderstorm Winds Trees and power lines blown down by high winds near Inverness and near Moorehead at 2110CST.	
Hancock County	21	1330CST	.7	50	0	0	3	?	Tornado (F1)	Holmes County	29	2219CST			0	0	3	?	Thunderstorm Winds South of Goodman, a 115 Kilovolt structure was blown over by high winds.	
									A tornado knocked down a 36 foot-tall model rocket at the National Space Technology Laboratory. In the picnic area near the Visitors Center, numerous trees were knocked down and several cars in the parking lot had their windows blown out.	Madison County	29	2305CST			0	0	?	?	Thunderstorm Winds High winds blew over a large live tree that fell on and consequently destroyed 3 telephone poles.	
Harrison County	21	1350CST			0	1	2	3	Thunderstorm Winds	23 MISSOURI										
									Strong winds caused minor structural damage in the Dedaux Community, with many trees knocked down.											
Harrison County	21	1405CST			0	0	0	0	Waterspout											
									Large waterspout near Deer Island dissipated before hitting land.											
Jackson County	21	1410CST	3.5	100	0	0	5	?	Tornado (F2)											
									A tornado touched in Ocean City and damaged the Bausch and Lomb Co.. Minor damage was reported at Gulf Park Estates. McDonald's sign was blown over on U.S. 90. Numerous trees and power lines were knocked down along the path of the tornado.											
Jackson County	21	1420CST	.2	60	0	1	5	0	Waterspout/ Tornado (F1)											
									A waterspout almost flipped a 21 foot sailboat over. The waterspout came on land in Pascagoula at the Pascagoula Yacht Club and did extensive damage to the Club. At a nearby condominium, one apartment was destroyed, with widespread damage to the rest of the complex.											
Jackson County	21	1435CST			0	0	3	?	Thunderstorm Winds											
									Strong winds knocked down power lines and trees and damaged storage sheds in Helena, Big Point and Escatawpa.											
Northern Half of Mississippi	28	1630CST- 1930CST			0	6	6	4	Thunderstorm Winds	Jackson County	11	1400CST			0	0	4	0	Damaging Wind Thunderstorms moved through the downtown portion of Kansas City and produced hail and wind gusts to 68 mph at the Federal Building. The damage was confined mostly to downed power lines and power outages. The Downtown K.C. Airport reported wind gusts to 58 mph.	
									A line of thunderstorms moved across the northern half of the state with damaging straight line winds, possibly exceeding 80 miles an hour at times, on the leading edge of the storms. Before sunset, those who observed the storms noted that the winds were accompanied by a 2 to 3 mile wide band of thick dust. Below is a chronological list of the times, counties and damage caused by these storms.	Adair County	11	1710CST			0	0	0	0	Large Hail Hail 3/4 to 1 inch diameter reported by spotter and KTVO in Kirksville.	
									1630CST - Coahoma County - Winds ripped off roofing material and broke windows at a junior college and an elementary school. Several Illinois Central Gulf boxcars were blown about 100 yards downtrack. Some homes and cars were damaged due to fallen trees. Minor damage was reported at a laundry, at the Northwest Mississippi Regional Medical Center and at a country club. 1 injury occurred.	Scotland County	11	1809CST			0	0	?	?	Large Hail Hail to 1 1/2 inch diameter reported by sheriff in Memphis.	
									1645-1710CST - Bolivar County - Numerous trees and power lines down in the communities of Cleveland, Drew, Rosedale, Ruleville and Shelby. Portable signs, outbuildings, roofs and antennas were damaged in Cleveland. A roof was blown off a trailer and winds damaged television towers in the town of Shaw. A large tree was blown over on a Church in Litton, damaging 2 Sunday school rooms and the sanctuary.	Morgan County	13	1028CST			0	0	0	0	Large Hail Hail to 1 inch diameter just west of Versailles.	
									1735CST - Sunflower County - Wind gusts up to 60 miles an hour estimated at the town of Sunflower.	Cole County	13	1535CST			0	0	0	0	Large Hail Hail to 1 inch diameter in Jefferson City.	
									1745CST - Leflore County - Winds estimated up to 80 miles an hour. Significant damage to Lyons Elementary School, with 4 trailer classrooms destroyed and 8 damaged. Numerous store front windows were blown out. Roof damage to several businesses. Power lines down throughout the county. A large oak tree fell on one building, causing \$20,000 worth of damage alone.	Gasconade County	13	1617-1645CST	6	100	0	0	5	0	Tornado (F1) A tornado destroyed a barn and outbuildings near Stolpe and damaged 5 trailers and some trees. The tornado was on the ground intermittently from 12 miles southwest of Hermann to 4 miles west of Hermann.	
									1800CST - Grenada County - In the town of Grenada and south of town, winds uprooted large trees and downed power lines. One tree fell on a car, causing injury to the occupant. One roof was severely damaged. One injury occurred.	Montgomery County	13	1730CST			0	0	?	?	Large Hail Hail to 2 3/4 inch diameter reported in Montgomery City.	
									1825CST - Montgomery County - Winds near 60 miles an hour were reported in the town of Winona. Screens were blown off windows, and numerous trees and power lines were downed.	Cole County	13	1815CST			0	0	0	0	Large Hail Hail to 3/4 inch diameter in Jefferson City.	
									1825CST - Calhoun County - Wind gusts up to 60 miles an hour at Bruce. One house was heavily damaged, and awnings torn off a few houses. Minor damage to buildings and several trees uprooted. 4 injuries occurred.	St. Charles County	13	2210-2220CST			0	0	5	0	Damaging Wind A number of trees were uprooted and a roof was damaged just south of Josephville. A lookout tower was nearly destroyed adjacent to the G.M. plant in Wentzville.	
									1840CST - Webster County - Winds estimated between 50 and 60 miles an hour at Eupora.	St. Charles County	14	1545CST			0	0	0	0	Large Hail Hail to 3/4 inch diameter near Weldon Spring.	
									1845CST - Choctaw County - Numerous trees and power lines down in the town of Ackerman.	Lincoln County	14	1705CST			0	0	0	0	Large Hail Hail to 3/4 inch diameter 2 miles east of Troy.	
									1930CST - Monroe County - Winds blew an awning off a grocery store and several large trees down in Aberdeen.	St. Francois County	14	1600CST			0	0	5	0	Large Hail and Damaging Wind A severe thunderstorm with high winds and hail to 1 inch diameter destroyed a barn in Besloge and damaged a number of cars. The red lights were broken on a patrol car. The hail was still drifting two hours after the storm.	
Monroe County	28	1930CST			0	0	3	0	Lightning	St. Charles County	14	1555CST			0	0	0	0	Large Hail Hail to 3/4 inch diameter 2 miles southwest of St. Peters.	
									Lightning struck an electrical plant and blew 3 transformers in the town of Aberdeen.	Jefferson County	14	1725CST			0	0	0	0	Large Hail Hail to 1 inch diameter in DeSoto.	
										Jefferson County	14	1748CST			0	0	0	0	Large Hail Hail to 3/4 inch diameter near Barnhart.	
										Barton County	24	1932CST			0	0	0	0	Large Hail and High Wind Thunderstorm produced 3/4 inch diameter hail and wind gusts to 77 mph in Irwin.	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

MISSOURI

Barton County	24	2045CST			0	0	0	0	Large Hail
Hail 1/4 to 3/4 inch diameter fell 3 miles west of Golden City.									
Clinton County	26	1720CST			0	0	?	?	Large Hail
Hail to 1 1/2 inch diameter at Plattsburg and Lathrop.									
DeKalb County	26	1735CST	1/4	50	0	0	?	?	Tornado (FO)
A tornado touched down briefly near Stewartville near the Clinton County Line. No damage reported.									
Clay County	26	1748CST			0	0	0	0	High Wind
Wind to 60 mph at Smithville Hospital.									
Clay County	26	1815CST	1/4	50	0	0	?	?	Tornado (FO)
A tornado touched down briefly 3 miles northeast of Kearney.									
Platte County	26	1825CST			0	0	0	0	High Wind
Wind to 60 mph and small hail reported at Farley.									
Platte County	26	1830CST			0	0	?	?	High Wind
Wind reported to 70 mph at Farley by skywarn.									
Jackson County	26	1852CST			0	0	?	?	High Wind
Wind to 70 mph reported in Kansas City at I70 and Blue Ridge.									
St. Louis St. Louis County	20	1830CST			1	5	0	0	Lightning
Lightning killed one young man and injured five others after they took shelter beneath a tree to escape the rain. The group had been playing corkball. One of the injured five required hospitalization but the other injuries were minor.									
Newton County	29	1315CST	1/2	100	0	0	5	0	Tornado (F1)
A tornado touched down 5 miles south of Neosho and damaged several houses, including one belonging to a police officer. The winds were clocked at 80 mph at the airport.									
Jasper County	29	1315CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter on the northwest edge of Joplin.									
Jasper County	29	1320CST			0	0	4	0	Damaging Wind
Wind damaged trees and some property in Joplin.									
Cedar County	29	1330CST			0	0	3	0	Damaging Wind
Wind damage reported in Eldorado Springs.									
Newton County	29	1400CST	1	100	0	0	5	0	Tornado (F1)
A tornado destroyed a large poultry house and damaged another about 1 mile northwest of Neosho. The tornado skipped over a spotters car just to the northeast of Neosho.									
McDonald County	29	1400CST			0	0	3	0	Damaging Wind
Winds to 75 mph produced damage in Anderson.									
Newton County	29	1400CST			0	0	4	0	Damaging Wind
Trees and power lines downed at Elwood Junction.									
Stone County	29	1450CST			0	0	4	0	Damaging Wind
Wind damage reported 10 miles southwest of Reeds Spring.									
Taney County	29	1455CST			0	0	2	0	Damaging Wind
Winds estimated at 50 mph produced light damage at Branson.									
Taney County	29	1500-1530CST			0	0	4	0	Damaging Wind
Wind produced scattered light damage across the county. Most of the damage was to trees and power lines.									
Jackson County	30	0420CST			0	0	0	0	Large Hail
Hail to 1 inch diameter at Independence.									
Jackson County	30	0420CST			0	0	0	0	Large Hail
Hail to 1 1/4 inch diameter at Raytown.									
Platte County	30	0440CST			0	0	0	0	Large Hail
Hail to 1 inch diameter at Kansas City International Airport.									
Platte County	30	0440CST			0	0	0	0	Large Hail
Hail to 1 inch diameter at Platte Woods									
Clay County	30	0440CST			0	0	?	?	Large Hail
Hail to 3 inch diameter at Gladstone.									
Clay County	30	0500CST			0	0	?	?	Large Hail
Hail to 2 1/2 inch diameter at Nashua.									
Clay County	30	0500CST			0	0	?	?	Large Hail
Hail up to 8 inch circumference reported by the Civil Disaster Agency at 69th and North Gladstone.									

MISSOURI

Lafayette County	30	0550CST			0	0	5	0	Large Hail
A number of windshields broken in Higginsville by hailstones with diameters from 1/2 inch to 2 1/2 inches.									
Clay County	30	0600CST			0	0	0	0	Large Hail
Hail 1/2 inch to 3/4 inch diameter at Holt.									
Saline County	30	0630CST			0	0	?	?	Large Hail
Hail to 2 inch diameter at Sweet Springs.									
Saline County	30	0640CST			0	0	?	?	Large Hail
Hail to 2 3/4 inch diameter at Sweet Springs covering ground up to 4 inches deep in some locations.									
Pettis County	30	0700CST			0	0	6	0	Large Hail
Hail to 2 3/4 inch diameter produced extensive damage to homes at Longwood.									
Pettis County	30	0710CST			0	0	?	?	Large Hail
Hail to 2 3/4 inch diameter 4 miles northeast of Sedalia.									
Cooper County	30	0717CST			0	0	0	0	Large Hail
Hail to 1 inch diameter at Clifton.									
Cooper County	30	0745CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter on I-70.									
Cooper County	30	0805CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter in Boonville.									
Cooper County	30	0830CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter at Prairie Home.									
Cole County	30	0840CST			0	0	?	?	Large Hail
Hail to 1 1/2 inch diameter at Centertown.									
Cole County	30	0901CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter at St. Martins.									
Cole County	30	0905CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter just west of Jefferson City.									
Cole County	30	0930CST			0	0	0	0	Large Hail
Hail 1/2 to 3/4 inch diameter in Jefferson City.									
Buchanan and Platte Counties	30	1725- 1830CST	19	50	0	5	6	0	Tornado (F1)
A tornado first touched down 1 mile north of DeKalb and moved east to about 1 mile south of Faucett, where it became multi-vortex. It continued to Farris, again became single-vortex, and moved southeast and then south, curved back southeast and ended about 2 miles northwest of Edgerton. At least five homes were destroyed and a number of farm buildings and equipment were damaged. At one point 3 1/2 miles east of Dearborn, a woman took her one year old child to the basement. That house was ripped off the foundation and the woman and child were slammed into the north wall of the basement. Both the mother and child were injured, but only the mother was briefly hospitalized.									
Clinton County	30	1828CST	1/4	50	0	0	?	?	Tornado (FO)
A tornado reported northwest of Plattsburg by the sheriff. No damage or injuries reported.									
Jackson County	30	1940CST			0	0	0	0	Large Hail
Hail to 3/4 inch diameter reported at Blue Springs.									

24 MONTANA

Ravalli County (Victor-Hamilton)	3	1630- 1800 MST			0	0	3	2	High Winds
Winds gusting to 55 MPH blew down trees and power poles, as well as an unfinished shop. Winds of slightly lesser velocities were noted north to Missoula and Flathead Lake.									
Gallatin County (Nr Belgrade)	24	1343:ST			0	0	0	0	Funnel Cloud
Funnel cloud observed 7 miles west of Belgrade. No damage.									
Cascade County	25	1500 MST			0	0	3	5	Hail
Hail stones 1 1/2" in diameter destroyed 1200 acres of wheat near Vaughn.									
Gallatin County	28	Afternoon 12	880		0	0	2	5	Hail
1" hail destroyed crops from Churchill to near Bozeman.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	
— MONTANA —									
Powder River County	30	1300 MST	?	?	0	0	3	4	Tornado (F0)
Tornado touched down in sparsely populated area of southern Powder River County. Tornado uprooted trees, demolished two old homes and tore down fences.									
Carter County	30	1615 MST	?	?	0	0	2	3	Tornado (F0)
Tornado touched down briefly 5 miles north of Alzada. Slight damage to crops.									
25 NEBRASKA									
Lincoln County	04	2000CST			0	0	5	0	Damaging Winds
Thunderstorm wind gusts to 73 m.p.h. were recorded at the Weather Service in North Platte with gusts to 55 m.p.h. at Maxwell. Small unsecured buildings were damaged along with a granary. Numerous fences were blown down and tree limbs broken.									
Scottsbluff County	06	1742CST	1/4	50	0	0	0	0	Tornado (F0)
A tornado touched down briefly near Lyman. Tornado was visible from the Weather Service at Scottsbluff. FPP001									
Buffalo County	10	1625CST			0	0	?	?	Hail
One and a half inch hail was reported on the northwest edge of Kearney.									
Buffalo County	10	1702CST	17	500	0	2	6	4	Tornado (F3)
Tornado touched down at intervals from 5 miles northeast of Kearney northeast to a point 7 miles north of Shelton. At least 17 farms were hit, twelve farm homes damaged and two demolished. Two persons sustained minor injuries at their homes. Numerous outbuildings were destroyed, trees uprooted and crops damaged. FPP333									
Scottsbluff County	10	1725CST	1/2	50	0	0	3	0	Tornado (F1)
A tornado touched down briefly 1 mile west of Scottsbluff. It tore the roof off a quonset hut and caused minor damage to two homes and trees. FPP101									
Kimball County	10	1745CST			0	0	3	0	Damaging Winds
Thunderstorm winds blew the roof off a barn 3 miles northwest of Kimball.									
Hall County	10	1800CST			0	0	0	3	Hail
Two inch hail fell at Highway 2 west of Cairo. Some crop damage did occur.									
Howard County	10	1813CST			0	0	4	4	Hail
Hail 3 inches in diameter was reported in Boelus with damage to crops and roofs.									
Sherman County	10	1830CST	1/2	40	0	0	4	3	Tornado (F1)
Tornado touched down momentarily 5 miles southeast of Rockville, damaging 3 outbuildings and a center pivot. FPP101									
Franklin and Webster Counties	10	1920CST	35	200	0	1	6	4	Tornado (F3)
A tornado touched down at intervals from 2 miles west and south of Agra, Kansas, crossed into Nebraska 3 miles west of Nebraska Highway 10 and the stateline, and continued northeast to just north of Blue Hill. Heaviest Nebraska damage was along the Republican River east of Franklin, with many trees uprooted and a number of farmsteads damaged. One person was injured. Other damage to farmstead structures and trees was reported just north of Blue Hill. FPP343 in Nebraska.									
Total path length in both states was 56 miles. The maximum F scale was (F4) in Kansas. FPP443									
Holt County	10	1923CST	2	50	0	0	0	0	Tornado (F1)
A tornado touched down 5 miles southwest of O'Neill and moved northeast 2 miles. Path in country side with no damage. FPP111									
Adams, Buffalo, Clay, Greeley, Hall, Hamilton, Howard, Kearney, and Merrick Counties	10	1930CST -2230CST			0	0	5	0	Damaging Winds
At around 1930 CST a thunderstorm gust front formed from near Minden to south of Hastings to near Clay Center and moved north. Wind gusts to near 80 m.p.h. were measured along this line until reaching Greeley around 2230CST. Many outbuildings and trees were damaged in the counties by the gust front during this 3 hour period.									
Seward County	10	2155CST	1/2	400	0	4	6	3	Tornado (F2)
A tornado moving to the northeast touched down in Utica. The second story of a downtown bank building was heavily damaged. Fifteen homes were also extensively damaged and four people suffered minor injuries. Numerous tree tops and utility poles were damaged. FPP203									
Holt County	11	1445CST	1/2	50	0	0	0	0	Tornado (F0)
A tornado touched down briefly 15 miles north and 12 miles east of O'Neill in open country. FPP001									
— NEBRASKA —									
Otoe County	11	1640CST			0	0	5	0	Damaging Winds
Strong thunderstorm winds blew out numerous windows and downed trees and power lines at Nebraska City.									
Nuckolls County	13	0530CST			0	0	4	3	Damaging Winds
Gusting thunderstorm winds damaged outbuildings and trees from west to north of Superior.									
Clay County	14	1600CST -2100CST			0	0	5	5	Flash Flooding
Twenty-four hour rainfall of 4 to 7 inches forced School Creek out of banks from east of Harvard through Sutton. Water was 4 to 5 feet deep in the Sutton city park and flooded a number of businesses and homes. Other damage to farmland and bridges occurred in the county.									
Douglas County	14	1840CST			0	0	4	0	Lightning
Lightning knocked a gaping hole and ignited a fire which heavily damaged an Omaha home.									
Gage County	16	1925CST -2025CST			0	0	4	4	Hail
One and a half inch hail at Odell damaged cars and area crops. One and a quarter inch hail was also reported 2 miles south of Wymore and one inch hail 10 miles southeast of Beatrice with minor crop and property damage.									
Jefferson County	16	2015CST			0	0	0	0	Hail
Three-quarter inch hail 6 miles west of Fairbury caused minor crop damage.									
Pawnee County	16	2030CST			0	0	3	3	Hail
A few hail stones to 2½ inches fell around Burchard with some damage to area crops and vehicles having occurred.									
Scottsbluff County	19	1805CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported 12 miles west of Scottsbluff.									
Saline County	23	1457CST			0	0	3	3	Hail
Hail stones to 1½ inches were reported 6 miles north of Friend, as was 1 inch hail 10 miles southwest of Crete. Minor damage to crops and vehicles was reported.									
Washington County	23	1755CST			0	0	2	2	Hail
A few hail stones to 1½ inches were reported 3 miles south of Fort Calhoun. Minor damage to crops and property.									
Sheridan County	26	1310CST			0	0	?	?	Hail
One inch hail was reported at Rushville. No reported damage.									
Lincoln County	26	1645CST -1710CST			0	0	5	5	Hail
Three-quarter to 3 inch hail at the North Platte TV station 5 miles north of North Platte occurred. Vehicles heavily damaged, awnings destroyed and a large plate glass window was broken. Ten miles north of North Platte, 2 to 3 inch hail at Melvin Ranch damaged roofs, windows, vehicles and crops. Eight miles northwest of North Platte, 2 to 3 inch hail damaged roofs and windows.									
Lincoln County	26	1747CST			0	0	2	0	Hail
One and a half inch hail was reported at Lake Maloney with minor property damage.									
Frontier County	26	1825CST			0	0	?	?	Hail
One and a half inch hail fell at Curtis with no reported damage.									
Gosper County	26	1846CST			0	0	?	?	Hail
One and a half inch hail was reported 2 miles south of Elwood with no damage.									
Frontier County	26	1858CST 1/4	20	0	0	0	0	0	Tornado (F1)
Tornado touched down 6 miles southwest of Maywood and moved southeast. Path was in open country with no damage. FPP101									
Harlan County	26	1935CST			0	0	?	?	Hail
One and a half inch hail fell 2 miles east of Oxford. No reported damage.									
Furnas County	26	1935CST			0	0	?	?	Hail
One and a half inch hail fell in Cambridge. No reported damage.									
Colfax County	26	2000CST			0	0	4	3	Hail
One and a half inch hail was reported at Richland with some damage to vehicles, windows and crops.									
Saunders County	26	2130CST			0	0	3	3	Hail
One and a half inch hail was reported at Wahoo with minor damage to gardens and vehicles.									
Sarpy County	27	0013CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported 10 miles west of Offutt Air Force Base.									
Douglas County	27	0045CST			0	0	4	0	Lightning
Fire ignited by lightning heavily damaged an Omaha home.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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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	

NEBRASKA

Scottsbluff, Banner and Cheyenne Counties	27	1608CST -1838CST	48	200	0	0	6	4	Tornado (F3)
A tornado touched down at intervals from 10 miles south of Scottsbluff, southeast through Banner County to a point about 5 miles northwest of Sidney. A number of ranches and farms in eastern Banner County and northwest Cheyenne County reported heavy damage to barns, grain bins, farm equipment, outbuildings, and irrigation systems. At Brownson a trailer home was destroyed and the roofs of a school and tavern were heavily damaged. Numerous trees, utility lines and fences were also damaged. FPP343									
Cheyenne County	27	1720CST -1820CST			0	0	4	6	Hail
One and a half inch hail fell from north of Petter to just northeast of Sidney, heavily damaging crops and causing scattered vehicle and window damage.									
Grant County	28	2253CST			0	0	0	2	Hail
Three inch hail was reported 3 miles south of Hyannis. Some damage to crops.									
Grant County	28	2257CST	4	20	0	0	?	0	Tornado (F0)
A tornado touched down 3 miles south of Hyannis and moved northeast through open range land to 3 miles east of Hyannis. No reported damage. FPP021									
Sarpy County	29	0800CST			0	0	3	0	Damaging Winds
Gusty winds behind a thunderstorm area blew a portion of a roof off a building under construction at LaVista along with breaking a few tree limbs.									
Otoe County	29	0830CST			0	0	3	0	Damaging Winds
Thunderstorm gusts damaged a hog barn and damaged other outbuildings on a farm 4 miles north of Dunbar.									
Hitchcock County	29	1925CST	2	75	0	0	6	0	Tornado (F2)
A tornado touched down 3 miles south of Palisade and moved east about 2 miles, destroying a mobile home and pushing a house off its foundation across a road. Farm outbuildings were damaged along with implements, a combine and a truck. One hundred and fifteen head of cattle were killed. FPP212									
Hitchcock County	29	1925CST			0	0	4	0	Damaging Winds
Thunderstorm winds broke windows, and downed trees and utility lines at Palisade.									
Hitchcock County	29	1943CST	1/2	30	0	0	4	0	Tornado (F1)
A tornado touched down briefly near the junction of Highways 6 and 34 about 3 miles west of Culbertson, damaging utility lines and a few vehicles. FPP101									
Red Willow County	29	2025CST	1/4	30	0	0	0	?	Tornado (F0)
A small tornado touched down briefly 5 miles west of McCook in pasture land. No reported damage. FPP001									
Custer County	29	2130CST			0	0	?	0	High Winds
Thunderstorm winds gusted to 60 m.p.h. at the Broken Bow radio station. No reported damage.									
Lincoln County	29	2215CST			0	0	0	0	Hail
Three-quarter inch hail fell briefly 1 mile south of Hershey. No damage reported.									
Burt County	30	0045CST			0	0	3	3	Damaging Winds and Hail
Wind gusts with thunderstorms broke tree limbs from around Craig to Tekamah. Hail also damaged crops in scattered areas.									
Western and North Central Nebraska	30	0900CST -1800CST			0	0	6	6	High Winds and Duststorm
Strong northwest winds gusting 65 to 75 m.p.h. blasted the panhandle and north central Nebraska, resulting in considerable property damage. Clouds of blowing dust and sand reduced visibility at times to near zero, resulting in hazardous driving conditions. This was especially true in the panhandle where a number of traffic accidents were reported and roads were closed due to poor visibility. Severe damage to spring seeded crops and severe soil erosion resulted. Power lines were blown down, power poles broken, windows blown out, and trees, signs and roofs damaged in the region. Peak wind gusts of 72 m.p.h. were measured at Chadron, 71 m.p.h. at Alliance, 69 m.p.h. at Scottsbluff, 66 m.p.h. at Sidney and 60 m.p.h. in the Valentine-Ainsworth area. The blowing dust spread eastward and reduced visibility to 2 to 5 miles in many central and eastern areas of the state during the afternoon and evening.									

26 NEVADA

Reno, Washoe County	19	1400 PST			0	0	0	0	Hail
Brief period of 1/2 inch hail reported from thunderstorms.									

27 NEW HAMPSHIRE — NONE REPORTED

28 NEW JERSEY — NO REPORT RECEIVED

29 NEW MEXICO

Taos & Rio Arriba Counties	5-15	All Day			-	-	6	-	Flood
Heavy runoff from the melting, above-normal snowpack in north-central New Mexico caused considerable damage to roads, bridges, and irrigation ditches from the Taos area to below Pilar, NM.									
Lea County	19	1520MST			-	-	5	-	Tornado (F0)
The Hobbs Civil Defense Coordinator reported a tornado four miles north of Hobbs. Light to moderate damage to carports, small buildings, mobile homes, and power poles was reported.									
Roosevelt County	21	Night			-	-	5	-	Hail
A hail storm during the night damaged the wheat crops near Dora. Some houses in this area also received damage.									
Rio Arriba County	22	Night			-	-	5	-	Hail
A hail storm during the night from Rinconada and Embudo to Dixon, New Mexico, caused moderate damage to the apple orchards.									

30 NEW YORK, Coastal — NO REPORT RECEIVED

30 NEW YORK, Central

Columbia County	09	PM			0	0	0	5	Hard Freeze
Low temperatures caused significant damage to fruit crops in Columbia County. Crops affected include apples, grapes, pears and strawberries.									
Albany County	27	1318EST			0	0	1	0	Thunderstorm
Tree downed in Town of Guilderland, (5NSW ALB), Albany County.									
Ulster, Dutchess County	27	1445EST			0	0	4	0	Thunderstorm
Few trees and powerlines downed in vicinity of Poughkeepsie.									
Norfolk, St. Lawrence County	31	2030EST	5	30-50	0	0	5	0	Tornado (F1)
A tornado was confirmed by NWS staff as touching down at Norfolk, St. Lawrence County. Witnesses reported sighting a funnel cloud and hearing loud, train-like sounds as the tornado passed. Another witness reported feeling her kitchen floor twisting. The funnel traveled from the southwest to northeast. Heavy driving rain was reported as occurring at the time. Structures destroyed included a horse barn, garage, silo, and several downed trees. No hail was reported at the touch-down site. F-1, P-2, P-1 No fatalities reported for May.									

30 NEW YORK, Western

Cayuga, Oswego, and Lewis Counties	12	1730 EST to 1745 EST			1	-	5	-	Lightning and Wind
A severe thunderstorm with lightning and damaging winds passed across the area. At 1730 EST, trees and power lines were downed in Hannibal, Oswego County. At 1750 EST, in Aurelius, Cayuga County, a man of unknown age was struck and killed by a lightning bolt. Lewis County also had some trees downed.									
Lake Ontario near Niagara County	19	-			1	-	-	-	Wind
Wind-whipped Lake Ontario claimed the life of a man, unknown age, when six-foot waves capsized a 14-foot boat bearing 3 passengers. Two of the passengers were rescued.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	
NEW YORK, Western									
Parts of Genesee County	20	-	-	-	5	-	-	-	Wind
	Strong winds stirred the light dry soil and exposed onion seeds planted in thousands of acres of muck-lands. About 40 percent of the anticipated crop was destroyed. Drifts piled up against fences and buried many plants. Farmers claimed that it would cost \$400 per acre to replant. They expressed fear that in reseeding, the crop would not have enough time left to mature.								
Southern Chautauqua County	30	1900 EST	-	-	4	-	-	-	Wind
	Thunderstorm winds severed electric lines at Lakewood and Bustil.								
Southern Chautauqua County	31	1715 EST	7	750	0	10	6	-	Tornado F(3)
	An intense low pressure over the Upper Great Lakes, with a cold front that extended beyond the Lower Great Lakes, produced severe thunderstorms and the worst outbreak of tornadoes since 1974.								
	Many funnel clouds were sighted. One such funnel touched ground first at the town of Clymer, occasionally lifted off as it moved east, razed parts of the towns of Harmony, Bustil, Kiantone, Carroll, and expired at Poland, 26 miles from where it first hit ground. It stayed on the ground about a fourth of the time with at least half of the touchdown during the last third of the 26-mile distance when it swerved to the northeast. The width varied from 150 feet to a quarter of a mile.								
	About 70 homes in Chautauqua County were damaged. Of these, 21 were destroyed, 11 suffered major damage, and 38 suffered minor damage. Eight house trailers were included in the number of homes destroyed. About 10 persons were hospitalized for injuries, eight of which were minor, and two could be considered serious. County officials were amazed that there were no deaths. Thousands of trees were felled. Power lines to thousands of homes were severed. The damage was set at 3 to 4 million dollars. This does not include damages to cars, livestock, personal belongings, a church, several businesses, which may increase the total cost by 15 to 25 percent.								
Parts of Chautauqua, Cattaraugus, Erie, Wyoming, Allegany, Genesee, Niagara, and Orleans Counties	31	1700 EST to 1845 EST	-	-	5	-	-	-	Wind & Hail
	During the tornado outbreak in southern Chautauqua County, neighboring counties were also experiencing terrifying weather.								
	At 1709 EST at the Niagara Falls Airport, high winds with gust of 51 knots was observed, accompanied by 3/4-inch diameter hail. Minutes later, Olcott and Sanborn, also in Niagara County received hail, 2 inches in diameter. It broke car windshields. In Eden, Erie County, hail measuring from 1 1/4 to 1 3/4 inch in diameter fell at about 1815 EST. In Corfu, Genesee County, at 1818 EST, a radio station received golf-sized hail.								
	At 1830 EST, North Collins and Orchard Park in Southern Erie County also received golf-sized hail. Windows were broken by hail in North Collins.								
	Also at about 1830 EST in Medina, Orleans County, electric lines snapped. Fifteen minutes later, the town of Perry, Wyoming County also had wires downed.								
	Cattaraugus and Allegany Counties reportedly had many trees uprooted.								
Parts of Monroe, Livingston, and Wayne Counties	31	1915 EST	-	-	4	-	-	-	Wind
	Strong thunderstorm winds downed power lines at Avon, Livingston County and in parts of Wayne County. A chimney was blown off a house in Scottsville, Monroe County.								
Cayuga County	31	2009 EST	-	-	3	-	-	-	Wind
	Strong winds felled a large tree in Ira.								
Oswego County	31	2033 EST	-	-	4	-	-	-	Wind
	Power lines and trees were downed along Route 12 in Phoenix.								
Onondaga County	31	2050 EST	-	-	4	-	-	-	Wind and Lightning
	Strong winds severed power lines in Baldwinsville and North Syracuse. A lightning bolt struck a house in Clay.								
31 NORTH CAROLINA									
Bat Cave Area, Henderson County	11	1930EST	-	-	0	0	4	0	Rain
	Thunderstorms produced heavy rain, over eight inches, lasting over three hours and causing significant damage to private bridges and public roads.								
Near Morganton, Burke County	12	1800EST	-	-	0	1	3	0	Thunderstorm Winds
	A severe thunderstorm blew down trees and power lines. One person was injured when a tree fell on a car.								
Henrietta, Rutherford County	12	2200EST	-	-	0	0	5	0	Lightning
	A house was destroyed by fire when struck by lightning.								
Low Gap, Surry County	15	1400EST	-	-	0	0	0	?	Hail
	Three-quarter inch hail reported by Sheriff Dept.								
Lincolnton Area, Lincoln County	15	1428EST	-	-	0	0	3	?	Thunderstorm Winds, Hail
	Three-quarter inch hail fell and trees were blown down. One large tree damaged a house.								
Mooreville, Iredell County	15	1500EST	-	-	0	0	3	?	Thunderstorm Winds
	A severe thunderstorm moved through Mooreville, blowing down many trees and causing minor damage to residences.								
Dobson, Surry County	15	1515EST	-	-	0	0	4	?	Thunderstorm Winds, Hail
	Three-quarter inch hail fell and many trees were blown down. A roof was blown off a barn, killing several cows.								
Statesville Area, Iredell County	15	1530-1540EST	-	-	0	0	5	0	Thunderstorm Winds, Hail
	A series of severe storms moved through the Statesville area. Damaging winds tore roofs off several homes, and blew down trees and power lines in town and north of town around 1530EST. At 1540, three-quarter inch hail fell southeast of Statesville.								
North of Cleveland, Rowan County	15	1535-1550EST	-	-	0	0	0	?	Thunderstorm Winds, Hail
	Tree limbs were blown down in western Rowan County at 1535EST, and at 1550EST three-quarter inch hail fell north of Cleveland. A tree fell across a road in the same area.								
Mocksville Area, Davie County	15	1600-1630EST	-	-	0	0	4	?	Thunderstorm Winds
	Trees were blown down over the county. Some buildings were damaged in Mocksville.								
Highpoint & Greensboro, Guilford County	15	1725EST	-	-	0	0	0	0	Hail
	Three-quarter inch hail reported in Highpoint and also north of Greensboro Regional Airport.								
Hickory Area, Catawba County	15	1900-2000EST	-	-	0	0	3	?	Thunderstorm Winds
	A slow-moving severe thunderstorm pounded the area for about one hour, producing gusts up to 60 MPH which blew down trees and power lines.								
North Cone & Ashford, McDowell County	15	1930EST	-	-	0	0	4	?	Rain
	Eight inches fell in two hours, six of it falling during one hour, washing out bridges and damaging highways.								
Boiling Springs, Cleveland County	15	1953EST	-	-	0	0	0	0	Hail
	Three-quarter inch hail was reported.								
Shelby, Cleveland County	15	2020EST	-	-	0	0	0	0	Hail
	Three-quarter inch hail was reported.								
Lexington, Davidson County	15	2050EST	-	-	1	1	3	0	Thunderstorm Winds
	A tree fell on a truck during a thunderstorm, killing the driver and slightly injuring a passenger. Power lines were also damaged.								
7 Miles SW of Charlotte, Mecklenburg County	15	2210EST	-	-	0	0	0	0	Hail
	Three-quarter inch hail fell.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

NORTH CAROLINA

Charlotte, Mecklenburg County	15	2216-2235EST			0	0	4	0	Hail, Thunderstorm Winds
Several severe thunderstorms moved through southern sections of Charlotte. Hail up to one inch fell from 2216EST to around 2235EST as the storm moved east across the city. Many trees, and some power lines, were blown from 2230-2245 EST. Four inches of rain fell in less than two hours.									
Silkhope, Chatham County	16	0000EST			0	0	0	0	Thunderstorm Winds
Trees were blow down.									
Two miles East of Fair Bluff, Columbus County	16	1340EST			0	0	0	5	Hail
Seven-eighths inch to one inch hail fell, damaging 400-500 acres of tobacco.									
Tabor City, Columbus County	16	1522EST			0	0	0	?	Hail
Three-quarter inch hail fell.									
12 Miles West of Simmons AAF, Northern Hoke County	16	1545EST			0	0	0	0	Hail
Three-quarter inch hail observed by USAF Personnel.									
Western Cumberland County	16	1600EST			0	0	0	0	Hail
One and three quarter inch hail fell along US401 near the Hoke County border, and also near Hope Mills.									
Shannon & Red Springs, Robeson County	16	1610-1630EST			0	0	0	?	Hail
Three-quarter inch hail fell at Shannon at 1610EST and seven-eighths inch fell at Red Springs at 1630EST.									
Bolivia, Brunswick County	16	1707EST			0	0	0	?	Hail
One inch hail was observed.									
Wilkes and Alexander Counties	16	1800EST			0	0	0	6	Hail
Hail of unknown size fell for 20 to 30 minutes, destroying 80 to 90 percent of the apple crop which remained from the January freeze.									
East of Wilkesboro, Wilkes County	16	1855EST			0	0	3	0	Thunderstorm Winds
Several large trees were blown into the paths of vehicles.									
Shelby, Cleveland County	16	1900EST			0	0	5	0	Lightning
Fire caused by lightning destroyed a furniture repair business.									
Charlotte Area, Mecklenburg County	16	2023-2049EST			0	0	?	0	Hail
One inch hail fell in southern Mecklenburg at 2023EST and in western Mecklenburg at 2049EST.									
Burlington, Alamance County	21	1600EST			0	0	3	0	Thunderstorm Winds
Trees were blown down, a shed was destroyed, windows were blown out and power lines were blown down.									
Mocksville, Davie County	22	1515EST			0	0	4	0	Thunderstorm Winds
Trees were blown down and \$20,000 damage occurred to a downtown building.									
South of Lexington, Davidson County	22	1524EST			0	0	3	0	Thunderstorm Winds
Three power poles were blown down at the intersection of I-85 and NC8.									
Hampoville, Yadkin County	22	1530EST			0	0	5	0	Hail, Lightning
Fire from lightning destroyed a house. Hail up to one and three quarter inch damaged roofs of twenty-five houses and broke windows of cars.									
Fort Bragg Area, Cumberland County	22	1535EST			0	0	0	0	Hail
Three-quarter inch hail was observed, as well as in the Gastridge area of Fayetteville.									
Southern Sampson County	22	1556EST			0	0	0	0	Hail
Widespread three-quarter inch hail was reported.									
Yadkinville, Yadkin County	22	1600EST			0	0	0	?	Hail
One inch hail was observed.									
State Road, Northeast Wilkes County	22	1600EST			0	0	0	?	Hail
One inch hail was observed.									

NORTH CAROLINA

5 Miles North of Elizabethtown, Bladen Co.	22	1630EST			0	0	0	?	Hail
Three-quarter inch hail reported.									
Magnolia & Kenansville Areas, Duplin County	22	1642-1645EST			0	0	0	?	Hail
One and three-quarter inch hail was reported at Magnolia and one inch hail at Kenansville.									
Garland Area, Sampson County	22	1720EST			0	0	0	?	Hail
Three-quarter inch hail reported.									
Winston-Salem, Forsyth County	22	1730EST	3 1/2	200	0	0	6	?	Tornado (F3), Hail
A tornado touched down in south Winston-Salem and moved southeast through parts of the city. Initially the storm blew down numerous trees from one to six feet in diameter, but seemed to intensify along its track. The area of heaviest damage was 2 1/2 - 3 miles from initial touchdown where industrial buildings were severely damaged and two 12,000 pound steel tanks were pushed 20 feet by the force of the wind. Hail up to 2 3/4 inch accompanied the tornado, and heavy rain contributed to damage when a warehouse lost its roof. Total damage is estimated at \$1.2 million.									
Southwestern Quarter of Guildford County	22	1730-1815EST			0	1	6	6	Thunderstorm Winds, Hail
The parent thunderstorm of the Forsyth County tornado caused considerable property and crop damage from near the airport to the southern sections of Greensboro. Hailstones were up to 2 3/4 inch, many trees were blown down, and some homes suffered damage. One woman was injured when she was blown through a plate glass window. Downburst winds of up to F2 intensity struck Jamestown at 1745EST causing around \$600,000 in property damage, mostly to roofs of homes, and some structural damage to stores and outbuildings. Many power lines and trees were blown down. Near a golf course, a swath was cut through a forest where all trees were completely leveled. Hail up to 2 3/4 inches covered the ground.									
Mebane, Alamance County	22	1830-1845EST			0	0	4	?	Thunderstorm Winds
Trees and power lines were blown down.									
Southern Guilford County	22	1845-1900EST			0	0	3	5	Thunderstorm Winds, Hail
A second severe thunderstorm moved through the county, with heaviest damage to trees along the Ralolph County border. Hail up to 1 1/2 inches in diameter damaged crops in the southeastern part of the county.									
Archdale, Randolph County	22	1900EST			0	0	0	?	Hail
Hail up to one inch reported.									
Eli Whitney Area, Southern Alamance County	22	1915EST			0	0	4	0	Hail
Hail up to two inches destroyed 200 acres of corn.									
Hillsboro Area, Orange County	22	1955-2000EST			0	0	4	?	Thunderstorm Winds, Hail
One inch hail fell and trees and power lines were blown down in an area from 5 miles west through the town.									
Chapel Hill, Orange County	22	2015EST			0	0	4	0	Thunderstorm Winds, Hail, Rain
Many trees and power lines were blown down, hail up to 1 3/4 inch fell, and heavy rain caused minor urban flooding.									
Durham, Durham County	22	2025EST			0	0	4	0	Thunderstorm Winds
Trees and power lines were blown down and one business lost its roof.									
1 Mile North Engle side, Franklin County	22	2030EST			0	0	4	0	Thunderstorm Winds
Large trees were blown down, a large shelter was destroyed and a pack house was deroofed. Damage estimated at \$15,000.									
2 Mile North Raleigh-Durham Airport, Wake County	22	2140EST			0	0	4	0	Thunderstorm Winds
Trees were blown across highway. An expensive car suffered extensive damage when it hit a fallen tree. Power outages widespread over northwest Raleigh.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
— NORTH CAROLINA											
Wanchese, Dare County	23	1508EST	1/2	50	0	0	3	0			Tornado (F0)
											A small tornado caused minor damage. Two homes received roof damage from falling limbs, a mobile home was damaged, 10 to 12 trees were shattered, and a canoe was destroyed.
Hillsboro, Orange County	23	2110EST			0	0	0	0			Hail
											Three-quarters to seven-eighths inch hail was reported.
32 NORTH DAKOTA											
Fargo (Cass County)	04	1500CST	Short	5-15	0	0	0	0			Tornado (F0)
											Brief tornado touchdown. No damage reported.
Eastern North Dakota	04	1430CST to 1630CST			0	0	4	0			High Winds
											High winds following a line of thunderstorms flipped over a light plane and caused reduced visibilities in blowing dust.
Finley 2E (Steele County)	08	1620CST			0	0	0	0			Hail
											Hail 7/8 inch in diameter occurred. No damage reported.
Valley City 7SE (Barnes County)	08	1728CST			0	0	0	0			Hail
											Hail 1 inch in diameter occurred. No damage reported.
Fort Ransom 5N (Ransom County)	08	1810CST			0	0	0	0			Hail
											Hail 3/4 inch in diameter occurred. No damage reported.
Mohall 6NW (Renville County)	10	1228CST									Funnel
Wilton 20SE (Burleigh County)	10	1410CST	Short	5-15	0	0	0	0			Tornado (F0)
											Brief tornado touchdown. No damage reported.
Wing 6SW (Burleigh County)	10	1412CST	Short	5-15	0	0	0	0			Tornado (F1)
											Brief tornado touchdown. Trees uprooted.
Regan 5E (Burleigh County)	10	1415CST	2	300	0	0	0	0	4	C	Tornado (F1)
											A tornado moved two miles west across farmland and tore up seeded fields, popped the tops off grain bins, uprooted trees, and destroyed an outhouse.
Tuttle 8W (Burleigh County)	10	1416CST	Short	5-15	0	0	0	0			Tornado (F0)
											Brief tornado touchdown. No damage reported.
Bismarck 33N (McLean County)	10	1416CST									Funnel
Grafton 5W (Walsh County)	10	1445CST			0	0	4	0			Hail
											Baseball size hail occurred. The hail smashed windows, damaged vehicles and mobile homes, and was up to 10 inches deep on roads.
Wing 10N (Burleigh County)	10	1453CST			0	0	0	0			Hail
											Golfball size hail occurred. No damage reported.
Minot Air Force Base (Ward County)	10	1510CST			0	0	0	0			Hail
											Hail 3/4 inch in diameter occurred. No damage reported.
Lisbon 10N (Ransom County)	10	1520CST			0	0	0	0			Hail
											Hail 1-1/2 inches in diameter occurred. No damage reported.
Jamestown 11W (Sutton County)	10	1520CST	Short	5-15	0	0	4	0			Tornado (F1)
											The tornado toppled an electrical tower. Brief touchdown.
Drayton (Pembina County)	10	1522CST			0	0	0	0			Hail
											Dime size hail occurred. No damage reported.
Minot Air Force Base (Ward County)	10	1527CST			0	0	0	0			Hail
											Hail 1-3/4 inches in diameter occurred. No damage reported.
Fargo 8SW (Cass County)	10	1543CST			0	0	0	0			Hail
											Hail 1 inch in diameter occurred. No damage reported.
Mapleton (Cass County)	10	1554CST			0	0	0	0			Hail
											Golfball size hail occurred. No damage reported.
— NORTH DAKOTA											
Hannaford 3S (Griggs County)	10	1600CST									Funnel
Tower City 8S (Barnes County)	10	1615CST									Funnel
Cooperstown 15S (Barnes County)	10	1639CST			0	0	0	0			Hail
											Hail 3/4 inch in diameter occurred. No damage reported.
Leonard (Cass County)	10	1800CST			0	0	0	0			Hail
											Hail 1-1/2 inches in diameter occurred. No damage reported.
Cooperstown (Griggs County)	10	1812CST			0	0	?	0			Hail, Heavy Rains, Lightning
											Dime size hail occurred. The hail was accompanied by heavy rains. 3.56 inches of rain fell in Cooperstown within two hours. The heavy rains flooded surrounding farmland and caused water damage to buildings. The lightning interrupted power and damaged a storage shed.
Litchville (Barnes County)	10	2200CST			0	0	0	0			Hail
											Hail 1 inch in diameter occurred. No damage was reported.
Valley City 10S (Barnes County)	10	2237CST			0	0	0	0			Hail
											Hail 1 inch in diameter occurred. No damage was reported.
West Central and South Central North Dakota	11 to 12	Morning to Morning			0	0	?	?			Heavy Rains, High Winds
											Heavy rains washed out roads, reduced visibilities and flooded intersections. Rainfall amounts generally ranged from 1.5 to 3 inches with locally higher amounts. Beulah, in west central North Dakota, reported 4.08 inches of rain. In south central North Dakota heavy rains combined with high winds blew over trees and washed vehicles off the roads. Wind gusts to 56 mph were recorded at the Bismarck airport.
Kulm (LaMoure County)	28	1600CST			0	0	0	0			Hail
											Walnut size hail occurred. No damage reported.
Litchville (Barnes County)	28	1628CST			0	0	0	0			Hail
											Golfball size hail occurred. No damage reported.
Valley City 5NE (Barnes County)	28	1715CST			0	0	?	?			C Hail
											Walnut size hail occurred. Some damage to crops.
Hazleton (Emmons County)	30	1210CST									Funnel
Linton 17E (Emmons County)	30	1255CST									Funnel
Napoleon 10SW (Logan County)	30	1308CST									Funnel
Wing 10W (Burleigh County)	30	1330CST									Funnel
Wing 1N (Burleigh County)	30	1335CST									Funnel
Wing 1W (Burleigh County)	30	1347CST									Funnel
Driscoll (Burleigh County)	30	1347CST									Funnel
Hurdsfield 8SW (Wells County)	30	1355CST	Short	5-15	0	0	0	0			Tornado (F0)
											Brief tornado touchdown. No damage reported.
Wing 4N (Burleigh County)	30	1355CST	0.5	100	0	0	4	?			Tornado (F2)
											A tornado moved 1/2 mile across farmland. It damaged the roof of a farmhouse, destroyed a garage and a machine shed, flipped a truck, and caused lesser damages.
McClusky 15SE (Sheridan County)	30	1400CST									Funnels
											Two funnel clouds sighted.
Denhoff 5S (Sheridan County)	30	1412CST	Short	5-15	0	0	0	0			Tornado (F0)
											Brief tornado touchdown. No damage reported.
Cooperstown 10NE (Steele County)	30	1417CST									Funnel
Wing 4NE (Burleigh County)	30	1424CST	Short	5-15	0	0	0	0			Tornado (F0)

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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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	

NORTH DAKOTA

Wing 10NE (Burleigh County)	30	1457CST								Funnel
Kulm (LaMoure County)	30	1500CST			0	0	4	0		Lightning
Lightning damaged homes and electrical appliances.										
Hannaford (Griggs County)	30	1515CST			0	0	0	0		Thunderstorm Winds
Wind gusts to 58 mph. No damage reported.										

33 OHIO

Greene County	12	1030EST			0	20	3	0		Lightning
Lightning struck Beavercreek soccer field during a tournament match, injuring 19 players and a referee. Some of the people were injured seriously and most required hospitalization.										
Madison County	14	1215EST			0	0	5	0		High Wind, Lightning
A severe thunderstorm crossed the county, damaging several buildings and downing trees and utility lines. Lightning strikes started at least 3 fires in the county.										
Hancock County	14	1430EST			0	0	5	0		High Wind
Thunderstorm winds damaged several homes in Findlay. Trees and utility lines were downed.										
Fremont, Sandusky County	14	1600EST			0	0	5	0		High Wind
A thunderstorm with damaging winds moved through the city, damaging several buildings and downing trees. The winds blew the roof off a mobile home.										
Franklin County	15	1637EST			0	0	4 ⁰	C		Hail
One inch diameter hail fell in Obetz and on the south side of Columbus.										
Ottawa County	15	1653EST			0	0	4 ⁰	C		Hail
Hail up to one inch diameter fell at Elmore, damaging some apple orchards.										
Pickaway County	18	1320EST			0	5	5	0		High Wind
Strong winds during a thunderstorm blew the roofs off 6 homes in the Williamsport area. Flying debris caused some minor injuries. Trees and utility lines were downed. Damage in the area was approximately \$100,000.										
Huron County	27	1256EST			0	0	4 ⁰	C		Hail
Golf ball sized hail pelted the Fitchville area, damaging crops and fruit trees. Some damage also was done to motor vehicles.										
Huron County	27	1344EST			0	0	4 ⁰	C		Hail
One inch diameter hail fell in Norwalk during a thunderstorm, damaging crops and fruit trees.										
Wood County	27	1356EST			0	0	4 ⁰	C		Hail
One inch diameter hail damaged crops and fruit trees in Perrysburg.										
Medina County	27	1418-1500EST			0	0	5 ⁰	C		Hail
At 1418EST, golf ball sized hail covered the ground in Chippewa Lake. The hail leveled crops in the field. At 1426EST, one inch diameter hail was reported in the City of Medina. At 1449EST, one inch diameter hail fell in the southeast part of the county.										
Lucas County	27	1432EST			0	0	5	0		High Wind
Strong thunderstorm winds downed trees and snapped off utility poles just south of Toledo. Several farm buildings also sustained minor damage.										
Fulton County	27	1434EST			0	0	4 ⁰	C		Hail
Golf ball sized hail fell in the Wauseon area, damaging crops and automobiles.										
Summit County	27	1449-1540EST			0	0	5 ⁰	C		High Wind, Hail
At 1449EST, 3/4 inch hail covered the ground in Norton. Thunderstorm winds damaged buildings and boats at Portage Lakes at 1515EST. Golf ball sized hail fell in Barberton at 1525EST and 1-1/4 inch diameter hail fell at the Akron-Canton Airport at 1535EST.										

OHIO

Wayne County	27	1525EST			0	0	4 ⁰	C		Hail
Golf ball sized hail fell in Doylestown.										
Stark County	27	1525-1610EST			0	0	5 ⁰	C		Hail
Golf ball sized hail was reported in Uniontown at 1525EST and damaged several cars in Alliance at 1600EST. Crops and fruit trees were also damaged.										
Portage County	27	1641EST			0	0	4	0		Hail
A thunderstorm produced one inch diameter hail in Suffield.										
Mahoning and Columbiana Counties	27	1630-1715EST			0	0	5	0		Hail
A severe thunderstorm produced large hail in these counties. One inch diameter hail was reported at Boardman at 1630EST and golf ball sized hail fell in Hanoverton at 1700EST.										
Medina County	27	Eve			0	1	3	0		Lightning
A 23 year old motorcycle rider was struck while riding his bike on Interstate 71. He was very seriously injured.										
Summit County	27	1740EST			0	0	3	0		Hail
A thunderstorm produced 3/4 inch diameter hail at Rolling Acres Mall near Akron.										
Wyandot and Crawford Counties	27	1800EST	1.5	75	0	0	5	0		Tornado (F1)
A tornado touched down 3 miles south of Nevada and moved east into the Mt. Zion Road area of Crawford County. The storm destroyed several farm buildings and damaged homes. A pickup truck was lifted off the ground and thrown through a barn.										
Carroll and Columbiana Counties	27	1814-1920EST			0	0	5	0		Hail, High Wind
A severe thunderstorm produced golf ball sized hail and damaging winds at Augusta and Leesville Lake in Carroll County 1814EST. Three quarter inch hail was reported in West Township of Columbiana County at 1818EST and at Salem at 1920EST.										
Fayette County	27	1930EST			0	0	4	0		High Wind
Thunderstorm winds downed trees and utility lines in Bloomingburg.										
Delaware County	27	1937EST			0	0	4	0		High Wind
Thunderstorm winds downed trees and utility lines and caused minor damage to buildings near Powell.										
Franklin County	27	2015EST			0	0	4	0		High Wind
A thunderstorm produced strong winds which downed trees and utility lines and damaged buildings northwest of Columbus in Lynworth.										
Carroll County	27	2025EST			0	0	4	0		High Wind
Thunderstorm winds downed trees and lines and damaged several boats at Leesville Lake.										
Licking County	27	2030EST			0	0	4	0		High Wind
A severe thunderstorm crossed the county, causing wind damage at Buckeye Lake. Trees and utility lines were downed and campsites damaged.										
Jefferson County	27	2230EST			0	0	4	0		High Wind
Several buildings in the Mt. Pleasant area were damaged by thunderstorm winds.										
Franklin County	30	1725EST			0	0	3	0		Hail
One inch diameter hail fell at Whitehall as a thunderstorm crossed the county.										
Perry and Muskingum Counties	30	1900-2005EST			0	0	5	0		High Wind, Hail
A severe thunderstorm crossed these counties, producing damaging winds and large hail. Buildings were damaged and trees downed at Crocksville and Roseville in Perry County at 1900EST. Three quarter inch hail fell in the southwest part of Muskingum County at 1920EST, 3 miles west of Zanesville at 1945EST and at Zanesville Airport at 2005EST.										
Medina County	30	2223EST			0	0	4	0		High Wind
A thunderstorm produced 60 mph winds in Wadsworth. The winds damaged several buildings and moved a garage off its foundation.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	PROPERTY	CROPS	
OHIO											
Portage County	31	0000EST			0	0	3	0			Hail
Golfball sized hail fell in Ravenna during a thunderstorm.											
Geauga County	31	1520EST			0	0	4 ⁰				C Hail
One inch diameter hail fell in Burton, damaging fruit trees, grape vineyards and automobiles.											
Ashtabula County	31	1545EST			0	0	4	0			Hail, High Wind
A severe thunderstorm produced 60 mph winds and 3/4 inch hail at Austinburg. The winds damaged farm buildings and downed trees and utility lines. This thunderstorm later produced a tornado in the Monroe Center area.											
Trumbull and Ashtabula Counties	31	1610EST	15	440	0	30	6 ⁰				C Tornado (F3)
A strong tornado touched down southwest of Mesopotamia and moved east-northeast, passing north of Bloomfield. The tornado entered Ashtabula County south of Orwell at around 1630EST. The path of the storm was continuous and destroyed approximately 40 homes. Several cars, trucks and trailers were also destroyed. Many other homes and farm buildings sustained significant damage. The injuries occurred to residents in the area. There may have also been many unreported injuries as the storm destroyed many Amish homes and they refuse medical treatment when possible.											
Ashtabula County	31	1610EST	14	300	0	0	5	0			Tornado (F4)
A major tornado first touched down 2 miles west of the Pennsylvania border southeast of Monroe Center along Hilldom Road. The tornado continued moving east-northeast into Pennsylvania and later destroyed the town of Albion. In Ohio, the damage was 10 mobile homes destroyed or damaged and several trees downed. Utility poles were snapped off along the storm's path.											
Trumbull County	31	1617EST	14	300	0	0	4	0			Tornado (F4)
This tornado touched down in the extreme northeast corner of the county in Kinsman Township. The storm was on the ground in Ohio for only a few hundred yards. The storm damaged some farm buildings and downed trees.											
Ashtabula County	31	1635EST	10	220	0	15	6	0			Tornado (F2)
A tornado touched down 5 miles southeast of Jefferson along State Route 193 just north of Dorset. The tornado moved east-northeast, passing just south of Pierpoint and continuing into Pennsylvania. This storm damaged several homes and farm buildings. It also caused extensive tree damage and widespread utility outages.											
Lake County	31	1635EST			0	0	4	0			Hail
A thunderstorm produced large hail in several parts of the county. One inch hail was reported at Painesville and Mentor.											
Medina County	31	1650EST			0	0	4 ⁰				C Hail
Three quarter inch diameter hail covered the ground in Hinckley. The hail damaged crops and fruit trees.											
Geauga County	31	1705EST			0	0	4 ⁰				C Hail
Golf ball sized hail fell in the northern part of the county.											
Summit County	31	1708-1730EST			0	0	5 ⁰				C Hail, High Winds
Golf ball sized hail fell at Boston Hts. at 1708EST and thunderstorm winds damaged some homes in Hudson at 1720EST.											
Geauga County	31	1721EST			0	0	4	0			Hail
Three quarter inch diameter hail fell in Middlefield.											
Portage and Trumbull Counties	31	1735EST	41	440	10	250	8 ⁰				C Tornado (F5)
A maxi tornado touched down at the east end of the Ravenna Arsenal in Portage County. The storm moved east, entering Trumbull County around 1740EST. The storm destroyed much of the town of Newton Falls and continued east through Lordstown, Niles and Hubbard before moving into Pennsylvania and causing serious damage at Wheatland. The storm path was continuous and destruction was total in many areas. All of the deaths occurred in Niles and Hubbard. Most of the deaths were in the Top of the Strip Mall area on State Route 46 in Niles. Another woman died in Niles when she suffered a heart attack upon reviewing the destruction of her home after the storm had moved out of the area. The injury count is approximate and may be slightly higher. Hundreds of homes were destroyed and more than a thousand others damaged. Public buildings, schools and businesses also sustained serious damage. Damage estimates were more than \$60 million in Ohio.											
OHIO											
Madison County	31	1806EST	1/2	50	0	0	5	0			Tornado (F1)
A tornado touched down briefly just west of London. Damage was confined to farm buildings, trees and utility lines.											
Mahoning County	31	1815EST			0	0	4	0			Hail, High Wind
A thunderstorm produced one inch hail and damaging winds in the northern part of the county.											
Licking and Coshocton Counties	31	1821EST	29	150	1	20	7 ⁰				C Tornado (F3)
A strong tornado touched down northwest of Johnstown and moved east-northeast, passing south of Utica, near Fallsburg to the West Carlisle area in Coshocton County. The storm entered Coshocton County around 1845EST. One man was killed near Fallsburg and several other people were injured along the path of the storm. Several homes and farm buildings were destroyed. Damage was \$7-\$8 million.											
Fayette County	31	1840EST			0	0	4	0			High Winds
A severe thunderstorm crossed the county, producing wind damage in the Washington Courthouse and Bloomingburg areas.											
Columbiana County	31	1845EST	13	220	0	20	7 ⁰				C Tornado (F2)
A tornado touched down just south of Salem and had a hit-skip path east-southeast to southeast of New Waterford where the funnel went back into the clouds. This same storm complex produced a tornado at Beaver Falls, Pennsylvania. Many homes and farm building were destroyed, with damage estimates \$5 to \$6 million.											
Stark County	31	1900EST			0	0	4 ⁰				C Hail, High Wind
A thunderstorm produced one inch diameter hail and wind damage in the Hartsville area. Several buildings had roof and siding damage. Also, several trees and utility lines were downed.											
Muskingum and Coshocton Counties	31	1907EST	11	75	0	5	6 ⁰				C Hail, Tornado (F3)
A tornado touched down west of Frazeyburg and moved northeast into the Township of Coshocton County. The storm destroyed some homes and farm buildings and downed many trees. Damage was in excess of \$500 thousand. Two inch diameter hail was reported in Pike Township just before the tornado.											
Stark County	31	1945EST	1/4	50	0	0	4	0			Tornado (F1)
A mini tornado touched down in a rural area near East Sparta. The storm moved east, damaging trees and some farm outbuildings.											
Tuscarawas County	31	2000EST			0	0	4	0			Hail
One inch diameter hail fell in Dover during a thunderstorm.											
Adams County	31	2005EST	2	75	0	0	4	0			Tornado (F1)
A tornado touched down six miles east of West Union near Ohio Brush Creek. The storm moved east through a wooded area.											
Belmont County	31	2040EST			0	0	4	0			Hail
One and a quarter inch diameter hail fell at St. Clairsville.											
Morgan County	31	2055EST			0	0	4	0			High Winds
Thunderstorm winds caused roof damage and downed trees in Rainersville.											
34 OKLAHOMA											
Woodward, Woodward County	06	1630CST			0	0	?	?			Hail
Hail the size of quarters fell 7 miles west of Woodward.											
Gage, Ellis County	06	1645CST			0	0	?	?			Hail
Golfball to baseball size hail fell 13 miles northeast of Gage.											
Woodward, Woodward County	06	1710CST			0	0	?	?			Hail
Golfball size hail fell at the airport.											
Buffalo, Harper County	06	1730CST			0	0	?	?			Hail
3/4 inch size hail fell.											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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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	

OKLAHOMA

Fort Supply, Woodward County	06	1825CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Woodward, Woodward County	06	1830CST			0	0	?	?	Hail
		Golfball size hail fell 2 miles south of Woodward.							
Buffalo, Harper County	06	1835CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
May, Harper County	06	2010CST			0	0	?	?	Hail
		3/4 inch size hail fell 2 miles east of May.							
Fort Supply, Woodward County	06	2025CST			0	0	?	?	Hail
		3/4 inch size hail fell 1/2 mile west of Fort Supply.							
Fort Supply, Woodward County	06	2040CST			0	0	?	?	Hail
		One inch size hail fell 3 miles south of Fort Supply.							
Buffalo, Harper County	06	2045CST			0	0	?	?	Hail
		3/4 inch size hail fell 9 miles south of Buffalo.							
Tangier, Woodward County	06	2140CST	Short Narrow		0	0	4	?	Tornado (F0)
		A tornado touched down causing about \$10,000 damage to a house.							
Woodward, Woodward County	06	2213CST			0	0	?	?	Hail
		Golfball size hail fell near Woodward.							
Woodward, Woodward County	06	2240CST			0	0	?	?	Hail
		Golfball size hail fell 12 miles southwest of Woodward.							
Woodward, Woodward County	06	2322CST			0	0	?	?	Hail
		Golfball size hail fell in Woodward.							
Fargo, Ellis County	06	2340CST			0	0	?	?	Hail
		Golfball size hail fell 10 miles south of Fargo.							
Woodward County	06-07	Night			0	0	5	5	Flooding, Hail
		Continuous thunderstorms produced very heavy rains of up to 6 inches and numerous repeats of hail. The rain and hail completely destroyed wheat in an area 1/2 mile wide and 15 miles long. The value of the wheat was \$500,000. Damage to roads, bridges, and farm machinery was estimated at \$250,000.							
Sharon, Woodward County	07	0000CST			0	0	?	?	Hail
		Golfball size hail fell 12 miles southwest of Sharon.							
Rocky, Washita County	07	0205CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Mountain View, Kiowa County	07	0230CST			0	0	3	?	Wind
		A thunderstorm produced 60 mph winds which blew several trees down and destroyed a car wash. Damage estimated at \$5,000.							
Carnegie, Caddo County	07	0255CST			0	0	?	?	Hail
		Golfball size hail fell.							
Mustang, Canadian County	07	0326CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Oklahoma City, Oklahoma County	07	0340CST			0	0	?	?	Hail
		3/4 to one inch size hail fell.							

OKLAHOMA

Shattuck, Ellis County	10	1805CST			0	0	4	?	Wind
		A thunderstorm produced strong winds which destroyed a tied-down mobile home. Damage set at \$12,000.							
Moore, Cleveland County	12	1750-1830CST			0	0	?	?	Hail/Wind
		A thunderstorm produced hail ranging from one inch to baseball size and 70 to 80 mph winds. No estimate on damage.							
Rush Springs, Grady County	12	1755CST			0	0	?	?	Hail
		One inch size hail fell.							
Oklahoma City, Oklahoma County	12	1800-1815CST			0	0	?	?	Hail
		Hail from one inch to 4 inch size fell in southern Oklahoma City.							
Elgin, Comanche County	12	1800CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Blanchard, Grady County	12	1805CST			0	0	?	?	Hail
		3/4 inch size hail fell 2 miles west of Blanchard in Grady County.							
Alex, Grady County	12	1830CST			0	0	?	?	Hail
		Golfball size hail fell 5 miles north of Alex.							
Dibble, McClain County	12	1840CST			0	0	?	?	Hail
		One inch size hail fell.							
Norman, Cleveland County	12	1840CST			0	0	?	?	Hail
		Golfball size hail fell.							
Sterling, Comanche County	12	1841CST			0	0	?	?	Hail
		Hail up to 3 inch size fell near Sterling.							
Letitia, Comanche County	12	1905CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Blanchard, Grady County	12	1905CST			0	0	?	?	Hail
		5/8 inch size hail fell 2 miles west of Blanchard in Grady County.							
Mustang, Canadian County	12	1910CST			0	0	?	?	Hail
		One inch size hail fell.							
Seward, Logan County	12	1912CST	Short Narrow		0	0	?	?	Tornado (F0)
		A tornado touched down 2 miles south of Seward in the Woodcrest Addition, causing little damage.							
Dibble, McClain County	12	1915CST			0	0	?	?	Hail
		Golfball size hail fell near Dibble.							
Norman, Cleveland County	12	1940CST			0	0	?	?	Hail
		Golfball size hail fell.							
Ripley, Payne County	12	1945CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Sterling, Comanche County	12	2005CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Midway, Lincoln County	12	2010CST	Short Narrow		0	3	5	?	Tornado (F1)
		A tornado set down, destroying 3 mobile homes and damaging 3 others 1/2 mile west of Midway. Damage set at \$150,000. Three people were injured.							
Slaughterville, Cleveland County	12	2020CST			0	0	?	?	Hail
		3/4 inch size hail fell.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA										OKLAHOMA									
Newalla, Oklahoma County	12	2035 CST			0	0	?	?	Hail	Talihina, LeFlore County	13	1310CST			0	0	?	?	Wind
									One inch size hail fell.										A thunderstorm produced strong winds which downed trees and power lines.
Meeker, Lincoln County	12	2039CST			0	0	?	?	Wind	Valliant, McCurtain County	13	1311CST			0	0	4	?	Wind
									A thunderstorm produced winds 60 to 70 mph which damaged several buildings in Meeker.										Thunderstorm winds downed trees and power lines, damaged a mobile home, and destroyed a barn. Damage set at \$5,000.
Cushing, Payne County	12	2050CST			0	0	?	?	Wind	Tom, McCurtain County	13	1315CST			0	0	?	?	Wind
									A thunderstorm produced 60 to 70 mph winds which damaged a building under construction and broke off many trees.										A thunderstorm produced strong winds which uprooted many trees and downed several power poles just east of Tom.
Mannford, Creek County	12	2100CST			0	0	4	?	Wind	Bixby, Tulsa County	13	1330CST			0	0	?	?	Wind
									A thunderstorm produced winds which caused \$12,000 damage to a house just southwest of Mannford.										Thunderstorm winds uprooted trees and destroyed a storage building.
Shawnee, Pottawatomie County	12	2117CST			0	0	?	?	Hail	Broken Bow, McCurtain County	13	1340CST			0	0	?	?	Wind
									3/4 inch size hail fell.										Thunderstorm winds uprooted and downed many trees, causing many power lines to go down.
Stillwater, Payne County	12	2129CST			0	0	?	?	Hail	Okeene, Blaine County	13	1635CST			0	0	0	0	Funnel Cloud
									3/4 inch size hail fell.										A funnel cloud was spotted 5 miles south-southeast of Okeene.
Shawnee, Pottawatomie County	12	2134CST			0	0	?	?	Hail	Watonga, Blaine County	13	1650CST	Short Narrow	0	0	0	0	0	Tornado (FO)
									3/4 inch size hail fell 3 miles northwest of Shawnee.										A tornado touched down 9 miles southeast of Watonga. No damage occurred.
Tecumseh, Pottawatomie County	12	Evening			0	1	?	?	Lightning	Dover, Kingfisher County	13	1749CST			0	0	?	?	Hail
									A civil defense weather spotter was struck by lightning, suffering minor burns.										One inch size hail fell at Dover.
Tulahassee, Wagoner County	13	0145CST			0	0	?	?	Hail	Dover, Kingfisher County	13	1805CST			0	0	?	?	Hail
									One inch size hail fell.										3/4 inch size hail fell 9 miles northeast of Dover.
Elmer, Jackson County	13	0720CST	Short Narrow		0	0	0	0	Tornado (FO)	Edmond, Oklahoma County	13	1930CST			0	0	?	?	Hail
									A small rope-like tornado touched down 5 miles east of Elmer. No damage occurred.										3/4 inch size hail fell on the southwest side of Edmond.
Uuncan, Stephens County	13	0900CST			0	0	4	?	Lightning	Hollis, Harmon County	19	1600CST			0	0	?	?	Hail
									Lightning caused a house to burn, with damage estimated at \$20,000.										3/4 inch size hail fell 13 miles southeast of Hollis.
Mustang, Canadian County	13	0923CST			0	0	?	?	Wind	Gould, Harmon County	19	1615CST			0	0	?	?	Hail
									A thunderstorm produced 60 to 80 mph winds in Mustang.										Hail the size of quarters fell 9 1/2 miles south of Gould.
Edmond, Oklahoma County	13	0952CST			0	0	?	?	Wind	Eldorado, Jackson County	19	1615-1645CST			0	0	?	?	Hail
									A thunderstorm produced strong winds which downed many trees and power lines just west of Edmond.										Pea size hail to golfball size hail and occasionally larger fell 6 1/2 miles southwest of Eldorado.
Oakland, Marshall County	13	1045CST			0	1	3	?	Wind	Lincoln, Jackson County	19	1630CST			0	0	?	?	Hail
									A thunderstorm produced strong winds that deroofed a barn, downed several large trees and damaged two houses. Damage estimated at \$2,000. A mailman suffered minor injuries.										3/4 inch size hail fell just east of Lincoln.
Mannford, Creek County	13	1110CST			0	0	?	?	Hail	Gould, Harmon County	19	2230CST			0	0	?	?	Hail
									Hail the size of softballs fell, accompanied by strong winds and heavy rain.										Nickel size hail fell 6 miles northwest of Gould.
Drumright, Creek County	13	1130CST			0	0	3	?	Wind	Terrel, Jefferson County	20	1230CST			0	0	?	?	Hail
									Wind from a thunderstorm destroyed a barn 2 1/2 miles southeast of Drumright. Damage estimated at \$3,000.										3/4 inch size hail fell.
Pawhuska, Osage County	13	1140CST			0	0	?	?	Hail/Wind	Cornish, Jefferson County	20	1300CST			0	0	?	?	Hail
									3/4 inch size hail fell and winds gusted to 60 mph.										One inch size hail fell 5 miles southwest of Cornish.
Cleveland, Pawnee County	13	1200CST			0	0	?	?	Hail/Wind	Cornish, Jefferson County	20	1330CST			0	0	?	?	Hail
									3/4 inch size hail fell and strong winds damaged trees and power lines.										Golfball size hail fell 5 miles southwest of Cornish.
Yanush, Latimer County	13	1235CST			0	0	4	?	Wind	Wilson, Carter County	20	1345CST			0	0	?	?	Hail
									A thunderstorm produced winds which overturned a mobile home and uprooted trees. Damage set at \$5,000.										Penny size hail fell 6 miles west of Wilson on Highway 70.
										Comanche County	20	1345-1352CST			0	0	?	?	Hail
																			3/4 inch size hail fell at Fort Sill, Lake Latonka, and Medicine Park.
										Leon, Love County	20	1350CST			0	0	?	?	Hail
																			3/4 inch size hail fell.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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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	

OKLAHOMA

Stringtown, Atoka County	20	1400CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell 8 miles east of Stringtown.									
Ranona, Washington County	20	1425CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell.									
Hynnewood, Garvin County	20	1430CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell 7 miles east of Hynnewood.									
Nowata, Nowata County	20	1450CST	0	0	3	?	?	?	Wind
Strong winds damaged a hay barn, destroyed a camper shell, uprooted several large trees, and broke off 3 power poles. Damage estimated at \$3,000.									
Anadarko, Caddo County	20	1535CST	0	0	?	?	?	?	Hail
Golfball size hail fell.									
Cache, Comanche County	20	1543CST	0	0	?	?	?	?	Hail
Golfball size hail fell.									
Meers, Comanche County	20	1545CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell.									
Frederick, Tillman County	20	1545CST	Short Narrow	0	0	0	0	0	Tornado (FO)
A small ropelike tornado briefly touched down 5 miles northwest of Frederick, causing no damage.									
Comanche County	20	1550CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell at Wichita Mts. Refuge.									
Lawton, Comanche County	20	1608CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell.									
Lawton, Comanche County	20	1612CST	0	0	?	?	?	?	Hail
Golfball size hail fell in northwest Lawton.									
Apple, Choctaw County	20	1630CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell.									
Watonga, Blaine County	20	1630CST	0	0	?	?	?	?	Hail
Golfball size hail fell 10 miles northeast of Watonga.									
Rattan, Pushmataha County	20	1632CST	0	0	?	?	?	?	Hail
Golfball size hail fell.									
Omega, Kingfisher County	20	1640CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell 3 miles east of Omega.									
Geronimo, Comanche County	20	1655CST	0	0	?	?	?	?	Hail
Golfball size hail fell 3 miles northeast of Geronimo.									
Bray, Stephens County	20	1710CST	0	0	?	?	?	?	Hail
Golfball size hail fell 5 miles west of Bray.									
Duncan, Cotton County	20	1715CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell 12 miles west of Duncan.									
Hennepin, Garvin County	20	1800CST	0	0	?	?	?	?	Hail
One inch size hail fell.									
Velma, Stephens County	20	1800CST	0	0	?	?	?	?	Hail
Golfball size hail fell 8 miles north of Velma.									

OKLAHOMA

Walters, Cotton County	20	1815CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell 7 miles south of Walters on I-44.									
Davis, Murray County	20	1830CST	0	0	?	?	?	?	Hail
Golfball size hail fell just east of Davis.									
Custer City, Custer County	20	1843CST	0	0	?	?	?	?	Hail
Hail the size of quarters fell.									
Sulphur, Murray County	20	1850CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell.									
Oswalt, Love County	20	1915CST	0	0	?	?	?	?	Hail
Baseball size hail fell.									
Lone Grove, Carter County	20	1918CST	0	0	?	?	?	?	Hail
Golfball size hail fell.									
Arapaho, Custer County	20	1930CST	0	0	?	?	?	?	Hail
Ping-pong ball size hail fell 5 miles northwest of Arapaho.									
Ardmore, Carter County	20	1930CST	0	0	?	?	?	?	Hail
Golfball size hail fell one mile northwest of Ardmore.									
Murray County	20	1930CST	0	0	?	?	?	?	Hail
3/4 inch size hail fell at the Arbuckle Reservoir.									
Marietta, Love County	20	2000CST	0	0	?	?	?	?	Hail
3/4 to one inch size hail fell 6 miles northeast of Marietta.									
Dickson, Carter County	20	2015CST	0	0	?	?	?	?	Hail
Golfball size hail fell 9 miles south of Dickson.									
Antioch, Marshall County	20	2030CST	0	0	?	?	?	?	Hail
One inch size hail fell 5 miles southwest of Antioch.									
Kingston, Marshall County	20	2045CST	0	0	?	?	?	?	Hail
One inch size hail fell.									
Altus, Jackson County	20	2312CST	0	0	?	?	?	?	Hail/Wind
3/4 inch size hail fell, accompanied by 50 mph winds, 3 miles northeast of Altus.									
Altus, Jackson County	20	2320CST	0	0	?	?	?	?	Hail/Wind
3/4 inch size hail covered the ground, accompanied by 60 mph winds near Altus.									
Lawton, Comanche County	20	Evening	0	0	?	?	?	?	Heavy Rain
Three to four inches of rain fell in about 2 hours. Parking lots were flooded, submerging several autos. Many streets were closed due to high water and several homes received water damage. No estimate on damage was available.									
Altus, Jackson County	20	Evening-Night	0	0	?	?	?	?	Heavy Rain
Three to four inches of rain in a few hours caused local flood problems. Water as high as 2 feet deep got into the hospital. An automobile dealership reported water up to the dash on many cars. No estimate on damage was available.									
Straight, Texas County	22	2000CST	0	0	?	?	?	?	Hail/Heavy Rain
Four to five inches of rain fell along with golfball size hail. Pony Creek overflowed its banks, which flooded basements and the Straight School. No estimate of damage was available.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA									
Watonga, Blaine County	26	1655-1707CST			0	0	0	0	Funnel Clouds
		Three funnel clouds were reported 5 miles west and northwest of Watonga.							
Watonga, Blaine County	26	1735CST			0	0	0	0	Funnel Cloud
		A funnel cloud was reported 12 miles north of Watonga.							
Enid, Garfield County	26	1813CST			0	0	?	?	Hail
		3/4 inch size hail fell in north Enid.							
Medford, Grant County	26	1825CST			0	0	?	?	Hail
		Tennis ball size hail fell.							
Covington, Garfield County	26	1830CST			0	0	?	?	Hail
		Golfball size hail fell just west of Covington.							
Deer Creek, Grant County	26	1850CST			0	0	?	?	Hail
		Hail the size of quarters fell.							
Tonkawa, Kay County	26	1900CST			0	0	?	?	Hail
		Penny size hail fell.							
Enid, Garfield County	26	1900CST			0	0	?	?	Hail
		Two inch size hail fell.							
Covington, Garfield County	26	1902CST			0	0	?	?	Hail
		Baseball size hail fell.							
Kremlin, Garfield County	26	1905CST			0	0	?	?	Hail
		Baseball size hail fell.							
Deer Creek, Grant County	26	1915CST			0	0	?	?	Hail
		Hail the size of quarters fell.							
Lucien, Noble County	26	1921CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Fairmont, Garfield County	26	1937CST			0	0	?	?	Hail
		Golfball size hail fell.							
Hennessey, Kingfisher County	26	1949CST			0	0	?	?	Hail
		3/4 inch size hail fell 2 miles south of Hennessey.							
Tonkawa, Kay County	26	1950CST			0	0	?	?	Hail
		Penny size hail fell.							
Covington, Garfield County	26	1954CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Blackwell, Kay County	26	2000CST			0	0	?	?	Hail
		Hail the size of nickels fell.							
Dover, Kingfisher County	26	2010CST			0	0	?	?	Hail
		3/4 inch size hail fell 7 1/2 miles east of Dover.							
Perkins, Payne County	26	2010CST			0	0	?	?	Hail
		Golfball size hail fell 3 miles north of Perkins.							
Enid, Garfield County	26	2025CST			0	0	?	?	Hail
		One and 1/2 inch size hail fell 10 miles east of Enid.							
Cushing, Payne County	26	2030CST			0	0	?	?	Wind
		A thunderstorm produced strong winds which downed trees and power poles.							
OKLAHOMA									
Perry, Noble County	26	2030CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Douglas, Garfield County	26	2030CST			0	0	?	?	Hail
		Tennis ball size hail fell.							
Tryon, Lincoln County	26	2035CST			0	0	?	?	Hail
		Golfball size hail fell near Tryon.							
Dovington, Garfield County	26	2038-2040CST			0	0	?	?	Hail
		Golfball to baseball size hail fell.							
Perry, Noble County	26	2100CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Mulhall, Logan County	26	2105CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Cashion, Kingfisher County	26	2105CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Guthrie, Logan County	26	2120-2122CST			0	0	?	?	Hail
		3/4 inch size hail fell west of Guthrie.							
Seward, Logan County	26	2130CST			0	0	?	?	Hail
		Baseball size hail fell.							
Covington, Garfield County	26	2130CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Guthrie, Logan County	26	2135CST			0	0	?	?	Hail
		Baseball size hail fell.							
Stillwater, Payne County	26	2145CST			0	0	?	?	Hail
		3/4 inch size hail fell.							
Edmond, Oklahoma County	26	2154-2218CST			0	0	?	?	Hail
		Golfball to the size of oranges hail fell just north and in the city of Edmond.							
Guthrie, Logan County	26	2208CST			0	0	?	?	Hail
		One inch size hail fell 10 miles south of Guthrie.							
Jones, Oklahoma County	26	2220CST			0	0	?	?	Hail
		1/2 to 3/4 inch size hail fell.							
Luther, Oklahoma County	26	2220CST			0	0	?	?	Hail
		One inch size hail fell.							
Wellston, Lincoln County	26	2231CST			0	0	?	?	Hail
		Golfball size hail fell just west of Wellston.							
Luther, Oklahoma County	26	2234CST			0	0	?	?	Hail
		Golfball size hail fell.							
Harrah, Oklahoma County	26	2235CST			0	0	?	?	Hail
		Golfball size hail fell.							
McCloud, Pottawatomie County	26	2245CST			0	0	?	?	Hail
		Hail the size of quarters fell.							
Jacktown, Lincoln County	26	2300CST			0	0	?	?	Hail
		3/4 inch size hail fell.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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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	

OKLAHOMA

Shawnee, Pottawatomie County	26	2300CST			0	0	?	?	Hail
Hail the size of quarters fell.									
Earlsboro, Pottawatomie County	26	2330CST			0	0	?	?	Hail
One inch size hail fell.									
Seminole, Seminole County	26	2330CST			0	0	?	?	Hail
3/4 inch size hail fell 3 miles northwest of Seminole.									
Ada, Pontotoc County	27	0100-0105CST			0	0	?	?	Hail
Golfball size hail fell across Ada.									
Beaver County	27	2000CST			0	0	?	?	Hail
A thunderstorm produced golfball to softball size hail from Booker to Gate.									
Tipton, Tipton County	28	1830-1850CST			0	0	0	0	Funnel Clouds
Two funnel clouds were observed 5 to 6 miles northeast of Tipton. These were believed to have been cold-air funnels.									
Statewide	30	Afternoon			2	0	0	0	Extreme Temperatures.
Record-breaking high temperatures exceeding 100 degrees and high moisture led to two deaths. Two women, 74 and 83 years old, died from heat stroke.									

35 OREGON

Willamette Valley	02	PM			0	1	3	0	Wind
An afternoon windstorm hit the Mid-Willamette Valley with gusts surpassing 50 mph. Snapped tree limbs damaged houses and cars, snuffed out electricity and injured a 12 year-old boy while he was riding his bicycle.									
Lane County	16	PM			0	0	2	0	Wind
A freak wind knocked trees into power lines, blew over telephone poles and cut power to thousands for almost an hour.									

36 PENNSYLVANIA, Eastern

Nescopack Township, Luzerne County	27	2200 EST			0	0	3	0	Lightning
Lightning struck a house, causing fire damage to the attic and contents of the attic.									
Clinton County	31	1900 to 50+ 2000 EST	2300		0	0	7	0	Tornado (F4), Hail
The tornado swept across mostly forested land, taking down thousands of trees, a large metal fire tower and at least one cabin. Golf ball size hail fell near Avis. FPP445									
Lycaning, Union and Northumberland Counties	31	2025 to 2115 EST	20+	910	6	60+	7	4	Tornado (F4), Hail
At least 190 structures were damaged or destroyed, including barns, silos, garages, mobile homes, camping trailers, churches and commercial buildings. At least 50 vehicles including school buses were damaged or destroyed. Thousands of trees were uprooted or broken off. The six people killed were all female, two in each county. Three were in mobile homes, two in houses and one in a camper. The injuries were all from flying or falling debris or persons inside overturned mobile homes or campers. Farm machinery was damaged or destroyed and at least 12 cows were killed. Golf-ball size hail fell near Jersey Shore. FPP 434									

PENNSYLVANIA, Eastern

Bradford County	31	2030 to 2200 EST			0	0	4	0	Wind
Strong wind gusts with thunderstorms caused considerable damage to trees and also power outages.									
Tioga County	31	2120 to 2145 EST			0	0	4	0	Wind, Hail
Wind damage to trees and a few buildings. Golf ball size hail at Blossburg, in Liberty Township and in Morris Township.									
Luzerne County	31	2145 to 2200 EST	11	530	0	0	5	0	Tornado (F1)
Damage path extended from near Wapwallopen to near Hobbie to near Freeland. Damage to trees and a barn. Also, trailers and mobile homes demolished. A large sign down along I-80. Some downburst damage, but a definite tornado signature. FPP 134									
Berwick, Columbia County	31	2200 EST			0	0	5	0	Lightning
A lightning caused fire destroyed the historic J. J. Newberry store.									
Columbia County	31	2350 EST			0	0	4	0	Wind

High winds accompanying thunderstorms brought down many trees through the center of the county. The trees were uprooted or broken off.

36 PENNSYLVANIA, Western

Jefferson County	06	2021EST			0	0	4	?	Strong Winds
Strong winds from a line of thunderstorms did quite a bit of damage to a farm in Pine Creek Township, seven miles east of Brookville. A roof was blown off a two-story house, windows blown out of two houses, and five wooden buildings were partially or totally destroyed. Also a cow that was trapped in the wreckage suffered a broken leg and had to be destroyed.									
Allegheny, Beaver and Westmoreland Counties	27	1915-2015EST			0	0	?	0	Hail and Strong Winds
One and one quarter inch hail was reported in New Kensington (Allegheny). Three quarter inch hail was reported in Arnold (Westmoreland). Power lines were knocked down in Moon Township (Allegheny) and Beaver County.									
Allegheny, Beaver and Washington Counties	31	0100-0200EST			0	0	?	0	Strong Winds
Trees and power lines were knocked down over the three county area from strong winds associated with thunderstorms.									
Erie County	31	1605-1615EST	14	400	12	82	7	?	Tornado (F4)
A tornado started two miles west of the Ohio state line (eight miles southwest of Pennside, Pa.), then moved into Pennsylvania through Pennside and Albion, to three miles eastnortheast of Cranestown. In Albion, one eight to ten block area and two trailer parks were leveled, with nine dead. In Cranestown, two trailer parks were destroyed, with three deaths and thirteen trailers destroyed. There were 82 injuries and 309 buildings damaged or destroyed.									
Crawford County	31	1610-1615EST	4	200	1	0	?	0	Tornado (F2)
A tornado touched down at the north shore of Pymatuning Reservoir, near Linesville, and moved four miles eastnortheast. A woman was crushed under a trailer.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	

— PENNSYLVANIA, Western

Crawford, Forest, Mercer, and Venango Counties	31 1620-1730EST	56	275	23	125	7	?	?	Tornado(F4)
A tornado started in Jamestown(Mercer), moved through Atlantic, Cochranon(both Crawford), Hannaville, Cooperstown, a trailer park eight miles north of Franklin, and Cherry Tree(all Venango), to three miles south of Tionesta(Forest). There were 23 deaths; five in Atlantic, three in Cochranon, five in Cooperstown, one at the trailer park, two at Cherry Tree, and seven at Tionesta. About 371 homes were damaged or destroyed. Atlantic was almost completely destroyed.									
Crawford County	31 1623-1655EST	23	275	2	?	?	?	0	Tornado(F3)
A tornado moved from two miles south of Saegertown to four miles eastnortheast to Centreville. Two people died in Centreville.									
Crawford County	31 1628-1652EST	10	125	0	?	?	?	0	Tornado(F2)
A tornado that started two miles west of Dorset, Ohio(Ashtabula County) moved to one mile north of Pennline, Pa.									
Erie and Warren Counties	31 1630-1655EST	18	300	0	?	?	?	0	Tornado(F4)
A tornado moved from south of Wattsburg to eastnortheast of Columbus.									
Forest County	31 1725-1825EST	30	800	0	7	?	?	0	Tornado(F4)
A tornado moved from near Tionesta to north of Marienville. Seven people were injured and over 700 structures were damaged or destroyed.									
Warren County	31 1730-1755EST	13	800	0	3	?	?	0	Tornado(F3)
A tornado moved from two miles west of Tideoute to three miles southwest of Cherry Grove in Allegheny National Forest. Three people were injured and 32 buildings were damaged or destroyed.									
Mercer County	31 1740-1820EST	41	450	7	60	5	?	?	Tornado(F5)
A tornado that started in Ravenna Arsenal, Ohio(Portage County), moved through Wheatland, Pa. to two miles southwest of Mercer. Over 100 buildings were leveled, and several industrial facilities were severely damaged in the Wheatland area. About 59 other homes were also damaged.									
Erie and Crawford Counties	31 1745EST			0	0	?	?	?	Hail
Golf ball size hail in State Gamelands from Albion to Beaver Center.									
Clarion and Jefferson Counties	31 1800-1820EST			0	0	?	?	?	Hail
Golf ball size hail was reported in Brookville, Clarion, and Knox.									
Crawford County	31 1835EST			0	0	?	?	?	Hail
Golf ball size to baseball size hail in the Lincolnville/Cambridge Springs area.									
Centre, Clearfield, and Clinton Counties	31 1838-2018EST	50	2500	0	0	7	?	?	Tornado(F4)
A tornado moved one mile south of Penfield to seven miles north of Lock Haven. Ten houses were destroyed or damaged. About 88,000 trees were destroyed in Pennsylvania State Forest Land.									
Venango County	31 1854-1903EST	6	150	0	1	?	?	0	Tornado(F2), Hail
A tornado moved from five miles westnorthwest of Emlenton to two miles northwest of Emlenton. A trailer was demolished and a farm severely damaged. Two inch size hail was also reported.									
Crawford and Warren Counties	31 1855-1905EST	8	425	0	?	?	?	0	Tornado(F2)
A tornado moved from Buells Corner to Grand Valley.									
Clarion and Venango Counties	31 1856-1903EST	5	3	0	0	?	?	0	Tornado(F0)
A tornado moved from two miles west of Emlenton and into Clarion County(for three miles). There was minor tree damage.									
Venango County	31 1900-1930EST			0	0	?	?	?	Hail and Strong Winds
Golf ball size hail and trees knocked down in the Franklin/Oil City area.									

— PENNSYLVANIA, Western

Beaver and Butler Counties	31 1910-2005EST	39	275	9	120	7	?	?	Tornado(F3), Hail
A tornado started one mile southeast of Darlington and moved through Beaver Falls, Zelenople, Evans City and Saxonburg, to one mile south of Sarver. There were nine deaths; two in Evans City, one in New Sewickely, two at a shopping center in Beaver Boro, and four in Saxonburg. Over 300 structures were damaged or destroyed. All fourteen shops at the shopping center were damaged extensively. More than 100 cars in the parking lot were damaged or destroyed. Golf ball size hail was reported at Midland and Monaca(both Beaver).									
Jefferson County	31 1930EST			0	0	?	?	?	Hail
Golf ball size hail was reported at Brookville.									
Warren County	31 1930EST			0	0	?	?	?	Hail and Strong Winds
Golf ball size hail and trees knocked down in the Tideoute area.									
Elk, McKean and Warren Counties	31 1950-2040EST	26	1800	3	40	?	?	0	Tornado(F4)
A tornado moved from five miles south of Sheffield, through Kane and into Elk State Park. There were 45 buildings damaged or destroyed.									
McKean County	31 1951EST			0	0	?	?	0	Hail
Three quarter inch size hail at the Bradford Airport.									
Elk County	31 2000-2030EST	17	?	0	?	?	?	0	Tornado(F2)
A tornado touched down near Lamont and moved 17 miles east.									
Armstrong County	31 2030EST			0	0	?	?	0	Hail and Strong Winds
Golf ball size hail and trees down across the southern half of the county.									
Indiana County	31 2053-2102EST	6	25	0	0	?	?	0	Tornado(F0)
A tornado moved from eight miles east of Indiana, to two miles southeast of Penn Run to one and one half miles from the Cambria County line. This tornado was mostly aloft with just some tree damage.									
Cameron, McKean, Potter, and Warren Counties	31 2100-2145EST			0	0	?	?	0	Hail and Strong Winds
Pea to baseball size hail, and trees and power lines knocked down across the four county areas.									

37 RHODE ISLAND

Pawtuxet Valley	21 Afternoon	0	0	3	0	0	0	0	Lightning
A barn was destroyed by a lightning-caused fire in Warwick and several smaller fires were reported along with telephone outages in the area due to lightning strikes.									

38 SOUTH CAROLINA

Greenville, Greenville County	12 1900EST	0	0	4	0	0	0	0	Wind, Hail, Thunderstorm winds blew out a plate glass window Flash Flooding on South Main Street, marble size hail damaged cars, and flash flooding stalled cars and damaged homes and stores. Water was up to 4 feet deep on Academy Street and South Pleasantburg Drive.
Pauline, Spartanburg County	15 2135EST			0	0	3	0	0	Hail
One inch diameter hail fell.									
Goose Creek Naval Weapons Station, Berkeley County	16 1508EST			0	0	4	3	0	Hail, High Winds
1 1/2" diameter hail fell and winds blew down several large trees, causing broken windows and damaging cars.									
10 miles east of Charleston Airport, Cain Hoy Plantation, Berkeley County	16 1515EST	0.5	100	0	0	4	4	0	Hail, High Winds
Thunderstorm winds caused extensive tree damage along a 100 yard wide and 1/2 mile long path. A small barn was destroyed.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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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	

SOUTH CAROLINA

Georgetown, Berkeley and Charleston Counties	16	1358 to 1525EST			0	0	4	4	Hail
Scattered thunderstorms caused several areas of hail, including: Moncks Corner, Berkeley County, 1400EST - 1/2 inch hail. Georgetown, Georgetown County, 1500EST - Golf ball size hail. 8 miles east of airport, Charleston County, 1525 EST - Golf ball size hail.									
Lake City, Florence County	16	1630 EST			0	0	3	0	Hail
Golf ball size hail fell.									
Mr. Pleasant, Charleston County	16	1700 EST			0	0	3	0	Hail, Heavy Rains
3/4" in diameter hail fell during a thunderstorm.									
8 miles south of Kingstree, Williamsburg County	16	1824 EST			0	0	3	0	Hail, Heavy Rain
Hail one inch in diameter fell.									
Barnwell, Barnwell County	22	1701 EST			0	0	5	0	Thunderstorm, Wind, Hail
Thunderstorm downbursts caused extensive damage over two small areas about 3/4 miles apart. Three mobile homes were destroyed, several others were damaged. Hail 1/2 inch diameter caused widespread property and crop damage over a large area in Barnwell County.									
Greenwood, Greenwood County	28	1630 EST			0	0	3	0	Lightning
Lightning disrupted electrical service to several hundred homes.									
5 miles north of Pickens, Pickens County	29	1755 EST			0	0	0	2	Wind
Wind blew down several trees.									

39 SOUTH DAKOTA

Aurora County	05	1825 CST			0	0	0	0	Wind
Strong winds blew a six-ton cement slab off a truck at White Lake.									
Davison County	05	1845 CST			0	0	0	0	Wind
Winds gusted to 63 mph at Mitchell.									
Lake County	05	Evening			0	0	3	0	Lightning
Lightning caused a fire at a storage building in Madison, resulting in some structural and smoke damage.									
Clay County	05	2015 CST			0	0	?	?	Hail
Hail, one and one-half inches in diameter, fell just south of Meckling.									
Brown County	08	1730 CST			0	0	0	3	Hail
One and three-quarters inch diameter hail was reported five miles north of Columbia, resulting in minor crop damage.									
Brown County	08	1740 CST			0	0	3	0	Wind
Strong winds tore the roof off a barn seven miles north of Columbia.									
Brown County	08	1812 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was reported 25 miles north of Aberdeen, near Sand Lake Refuge.									
Brown County	08	1813 CST			0	0	0	0	Funnel Clouds
Several funnel clouds were spotted just north to ten miles north of Aberdeen.									
Marshall County	08	1855 CST			0	0	0	0	Funnel Clouds
Several funnel clouds were reported southeast of Claremont.									
Marshall County	08	1910 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was spotted five miles southeast of Claremont.									
Jerauld County	08	1930 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was reported 13 miles west and 6 1/2 miles south of Wessington Springs.									
Clark County	08	2045 CST			0	0	1	0	Lightning
Lightning splintered a tree and scattered wood chips 200 yards just northeast of Clark. Lightbulbs nearby went out.									

SOUTH DAKOTA

Edmunds County	10	1351 CST			0	0	?	?	Hail
One inch diameter hail fell one mile north of Ipswich.									
Edmunds County	10	1400 CST			0	0	0	0	Wind
Gusts to 60 mph were reported three to five miles north of Ipswich.									
Brown County	10	1515 CST			0	0	?	?	Hail
Three-quarters inch hail fell two miles east of Aberdeen.									
Pennington County	10	Evening			0	0	0	0	Lightning
Lightning caused three power outages and set a small grass fire around Rapid City.									
Potter County	10	2330 CST			0	0	0	0	Lightning
Lightning resulted in a 30 minute power outage in Gettysburg and one and one-half hour power outage in surrounding rural areas.									
Walworth County	11	0005 CST			0	0	0	0	Wind
Winds gusted to 69 mph at Mobridge.									
Charles Mix County	11	1522-1530 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was spotted five miles south of Wagner.									
Charles Mix County	11	1530-1542 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was reported southwest of Wagner.									
Douglas & Davison Counties	11	1615-1640 CST	17 narrow		0	0	0	0	Tornado (FO)
A tornado was spotted 15 miles southwest of Dimock (Douglas County) and moved northeast, moving up and down frequently, to ten miles south of Mitchell (Davison County).									
Hutchinson County	11	1622 CST			0	0	0	0	Funnel Cloud
A funnel cloud was spotted near Dimock.									
Hanson County	11	1630-1715 CST			0	0	0	0	Funnel Clouds
Funnel clouds were reported northwest of Alexandria, north of Alexandria, north of Emery, northeast of Mitchell, near Farmer and around Epiphany.									
Charles Mix County	11	1640 CST			0	0	0	0	Flash Flood
Three inches of rain fell in 20 minutes at Wagner, with a total of 3 1/2 inches of rain. Streets and fields were flooded in low-lying areas.									
Davison County	11	Late Afternoon			0	0	3	0	Flash Flood
Over three inches of rain fell in Mitchell. Several streets were blocked due to high water. A woman was trapped briefly when a basement wall collapsed and several other basements incurred water damage. Slight road damage occurred outside Mitchell.									
Hanson & Miner Counties	11	1655-1720 CST	15 narrow		0	0	0	0	Tornado (FO)
A tornado was reported five miles east and two miles north of Mitchell (Hanson County) and moved north-northeast to eight miles south of Fedora (Miner County).									
Davison & Hanson Counties	11	1702-1715 CST			0	0	3	3	Hail
Spotty, moderate to heavy hail fell in western Hanson and eastern Davison Counties, with minor crop and building damage. One and one-half inch diameter hail was reported five miles south of Mitchell (Davison County). Three to five inches of rain accompanied the hail in western and northern Hanson County.									
Davison County	11	1703 CST	short narrow		0	0	0	0	Tornado (FO)
A brief tornado was spotted four miles west-northwest of Mitchell.									
McCook County	11	1704 CST	short narrow		0	0	0	0	Tornado (FO)
A tornado was reported north of Unityville near the Miner/McCook County line, moving north.									
Miner County	11	1704-1720 CST	4	100	0	0	0	0	Tornado (FO)
A tornado was spotted seven miles south and two miles east of Fedora. It picked up water from a lake and swept some gravel off a road.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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

— SOUTH DAKOTA										
McCook County	11	1708 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A brief tornado was reported nine miles north of Bridgewater.
Miner County	11	1715 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A tornado was spotted by state police two miles east of Fedora.
Sanborn County	11	1715 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A tornado was reported by state police ten miles south of Artesian.
Douglas County	11	1724 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A tornado was reported eight miles west of Parkston.
Sanborn County	11	1724 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A brief tornado was spotted by state police three miles northeast of Forestburg.
Miner & Kingsbury Counties	11	1746-1754 CST	5 narrow	0	0	0	0	0	0	Tornado (F0) A tornado was reported by state police on Highway 23, less than a mile south of Kingsbury County and moved east-northeast to one mile west and 12 miles north of Howard (Kingsbury County).
Miner County	11	1751-1806 CST	4 narrow	0	0	0	0	0	0	Tornado (F0) A tornado was reported by Civil Defense three miles west of Canova and moved northeast to two miles north of Canova.
Kingsbury County	11	1808 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A tornado was spotted just west of Oldham. Large hail was reported along with the tornado.
Kingsbury County	11	1840 CST	short narrow	0	0	0	0	0	0	Tornado (F0) A brief tornado was reported 21 miles northwest of Madison.
Hamlin County	11	Early Evening			0	0	2	0	0	Hail Hail, one-half to one and three-quarters inches in diameter, fell one mile west of Hayti. Some windows were broken in strips through western sections of the county.
Marshall County	11	Early Evening			0	0	0	0	0	Wind, Rain Large limbs were downed by wind in Britton, accompanied by 2.27 inches of rain.
Clark County	11	Evening			0	0	0	0	0	Wind, Rain Strong winds toppled trees in Clark. Heavy rains deposited 1.76 inches of rain in 30 minutes at Willow Lake and 2-2½ inches of rain just west of Crocker.
Northern Third	12	Morning			0	0	4	0	0	Wind Strong winds raked many areas, resulting in some property damage. Winds gusted to 60 mph at Mobridge (Walworth County) and Huron (Beadle County) and to 81 mph at Willow Lake (Clark County). In Sisseton, gusts to 68 mph knocked out over 100 TV's and microwaves and a car was damaged by a felled tree. Large trees were downed in Willow Lake and minor damage occurred in Bradley (Clark County). Gusts to over 50 mph damaged a sign in Bowdle (Edmunds County). In Watertown (Codington County), several greenhouses were severely damaged and at nearby Lake Kampeska, several boats and docks were damaged.
Black Hills	12	Afternoon			0	0	0	0	0	Lightning Two lightning-related fires burned less than an acre each around Nemo. Another fire burned less than half an acre of grassland near Mystic.
Black Hills	25	Afternoon			0	1	0	0	0	Lightning Lightning hit the east side of the Black Hills from Piedmont (Meade County) south to Custer (Custer County) in a 2-hour span of the early evening, starting 18 small fires. The heaviest concentration of fires occurred in the Pactola District around Rockerville (Pennington County) and Sheridan Lake (Pennington County). The blazes were mostly small spot fires or burned less than an acre of timberland. A man near Elm Springs (Meade County), who was outside extinguishing a fire that burned 50 acres of grassland, was struck by lightning and injured. His collar bone and lower leg bones were broken, his eardrums were ruptured, his clothes were shredded and blown off and he suffered several burns to his upper left side. A man 150 feet away fell to his knees from the impact of the nearby lightning strike.

— SOUTH DAKOTA										
Moody County	25	2200 CST			0	0	0	0	0	Flash Flood One to two inches of rain produced rising water levels on small streams, ponding of water over roads and overflowing roadside ditches in eastern portions of the county along Highway 34.
Lincoln County	25	2230 CST			0	0	0	0	0	Wind Gusts to 60 mph in Canton downed power lines and branches.
Southern Black Hills	26	Afternoon			0	0	0	0	0	Lightning Lightning caused five small fires in the southern Black Hills.
Roberts County	26	1700-1730 CST			0	0	?	?	?	Hail Hail of unknown diameter was five inches deep, ¼ miles north of Rosholt. Some hail remained on the ground until the following morning. The affected area, 6 x 2 miles, incurred extreme crop damage.
Southern Black Hills	27	Afternoon			0	0	0	0	0	Lightning Lightning caused a very small fire in the southern Black Hills.
Hand & Faulk Counties	28	1630-1800 CST			0	0	?	?	?	Hail Hail hit an area from Seneca (Faulk County) southeast to Orient (Hand County) and Polo (Hand County). In Seneca, many gardens were hit hard. In Polo, gardens and young crops were damaged, with winter wheat being most affected. Several roofs were damaged, windows broken and paint was chipped off some buildings. Hail accumulated up to six inches deep in sheltered areas.
Butte County	28	1800 CST			0	0	0	0	0	Funnel Clouds Two funnel clouds were reported 10-15 miles north-northwest of Newell.
Jones County	28	1830 CST			0	0	?	?	?	Hail, Rain Nearly three inches of rain and one and three-quarters inch diameter hail hit seven miles north of Murdo.
Jones County	28	1914 CST			0	0	?	0	0	Hail, Wind Three-quarters inch diameter hail and 1.8 inches of rain fell in Draper. Strong winds damaged trees and power lines.
Lyman County	28	1928 CST	short narrow		0	0	0	0	0	Tornado (F0) A pilot reported a tornado north of Presho and south of Pierre.
Lyman County	28	1955 CST			0	0	?	?	?	Hail Hail up to one inch in diameter fell 28 miles north of Winner.
Pennington County	28	2000 CST	short narrow		0	0	0	0	0	Tornado (F0) A tornado was reported east-northeast of Wasta.
Perkins County	28	2005 CST			0	0	3	0	0	Wind Winds gusted to 58 mph at Lemmon. A 30' x 100' quonset barn was destroyed by wind seven miles west of Meadow.
Lyman County	28	2012 CST			0	0	0	0	0	Funnel Clouds Three funnel clouds crossed I-90 four miles west of Presho.
Tripp County	28	2018 CST			0	0	0	0	0	Funnel Cloud A brief funnel was spotted five miles north of Winner.
Tripp County	28	2040-2050 CST			0	0	5	?	?	Hail, Wind Strong winds and hail damaged crops and property in the Ideal and Winner areas. In Ideal, four homes were severely damaged and another twenty homes sustained roof damage from wind and hail, as 40-50 people were left homeless. Hail, two and three-quarters inches in diameter, hit northern Tripp County, affecting greater than 20,000 acres. Winter wheat, alfalfa, grassland and row crops were all damaged, with some farmers losing their entire crop. Winds blew out several car windows and tore off roofs from three buildings in Ideal. A farm northeast of Winner lost a hog shed and part of a roof from a granary. Another farm lost two cattle sheds and a granary. Wind pushed a windrower into the side of a home in Winner, destroyed two sheds, took the roof off another shed and knocked down 40' of windbreaks. Electricity was knocked out by wind for several hours in Hamill.
Stanley County	28	2050 CST			0	0	?	?	?	Hail Hail, one and three-quarters inch in diameter, fell at Fort Pierre.

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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	

SOUTH DAKOTA

Pennington County	28	2101 CST			0	0	0	0	Tornado (F0)
A tornado was confirmed by the Air Force 50 miles east of Rapid City.									
Hughes County	28	2101-2104 CST			0	0	?	?	Hail
Hail up to one and three-quarters inch in diameter fell in Pierre.									
Haakon County	28	2130 CST			0	0	0	0	Wind
Gusts of 61 mph occurred near Philip.									
Gregory County	28	2135 CST	short narrow		0	0	0	0	Tornado (F0)
A brief tornado was spotted just northeast of Dallas.									
Haakon County	28	2205 CST	short narrow		0	0	0	0	Tornado (F0)
A tornado was confirmed by the Air Force 70 miles east of Rapid City.									
Haakon County	28	Late Evening			0	0	3	0	Lightning
A TV shop six miles north of Kirley was hit by lightning, destroying many appliances.									
Buffalo County	28	2301 CST	short narrow		0	0	0	0	Tornado (F0)
A tornado was reported by state patrol eight miles southeast of Fort Thompson.									
Gregory County	28	2313 CST			0	0	?	?	Hail
Hail, one and three-fourths inch in diameter, fell north of Dallas, resulting in some crop damage.									
Douglas County	29	0000-0400 CST			0	0	3	0	Wind
Winds, accompanied by 2½ inches of rain, damaged farm buildings in Corsica.									
Codington County	29	0045-0115 CST			0	0	4	0	Wind
Winds gusted to 59 mph at Watertown, damaging trees and property. Power lines were downed, lumber was hurled through several bins and sheds, and boats and a semi were overturned. The hardest hit area was just west of and in southwest Watertown. Several buildings incurred damage from hurled objects. Rafters and roofs were destroyed and one building lost a wall. Lumber was scattered around. Minor damage occurred to three pickup toppers. A steel grain bin was destroyed and toppled onto railroad cars and power lines, and several grain elevators were destroyed. A garage was demolished, a modular home moved several inches off its foundation, and a garage moved one inch off its foundation. Several cars were damaged by felled limbs. A marine business had 20 boats damaged. Docks and boat lifts were damaged in the Lake Kampeska and Lake Pelican areas. Outlying towns sustained some tree damage.									
Hutchinson County	29	0215 CST			0	0	3	0	Wind
High winds ripped away the northern side of a hog barn and roof on the northern outskirts of Parkston on Highway 37. Insulation was ripped from the barn and pieces of the barn were scattered 200 yards to the south, severing electric wires and causing a 1½ hour power outage. Numerous branches were downed throughout Parkston.									
Brookings County	29	Early Morning			0	0	0	0	Wind
Strong winds caused some tree damage in Arlington.									
Spink County	29	Early Morning			0	0	0	0	Lightning
Lightning splintered bark on a tree and scattered it for half a block in Redfield.									
Pennington and Lawrence Counties	29	Afternoon			0	0	0	0	Lightning
Two small lightning-related fires burned less than an acre each three miles south of Rockerville (Pennington County) and two miles north of Dalton Lake Campground (Lawrence County).									
Fall River County	30	Early Afternoon			0	0	3	0	Wind
Gusts to 70 mph in Provo moved a building several feet and ripped off one side. A 2' x 4' playhouse was also damaged.									
Gregory County	30	1337 CST	short narrow		0	0	0	0	Tornado (F0)
Civil Defense reported a tornado one mile north of Dallas.									

SOUTH DAKOTA

Charles Mix, Douglas and Hutchinson Counties	30	1410-1510 CST			0	0	?	?	Severe Thunderstorm
Wind and hail produced considerable damage to crops and property from east of Platte (Charles Mix County) through New Holland and Harrison (Douglas County) to Corsica (Douglas County) and rural Dimock (Hutchinson County). Some windsheds were broken at New Holland and by hail, with areas south of New Holland, around Highway 44, being hit the hardest. Harrison received heavy rains, strong winds and two and three-quarters inch diameter hail, producing building and home window damage. In Corsica, gusts to 60 mph and two and three-fourths inch diameter hail ripped metal roofs off businesses and tossed them atop four businesses and four parked cars, causing damage. Numerous homes sustained roof and window damage. Extensive crop damage occurred along the storm path, ranging from minor to complete damage as six-inch corn was reduced to nubbins and oats were stripped. Heavy rains washed out many fields. Power was out two hours in Corsica.									
Campbell County	30	1430 CST			0	0	3	0	Wind
Strong winds damaged a grain auger and hay stack three and one-half miles east of Pollock.									
Brookings County	30	1510 CST	4 narrow		0	0	2	0	Tornado (F1)
Civil Defense reported a tornado at Sinai, moving southeast. A shelterbelt had 200 yards of trees destroyed. The only building damaged was a corn crib east of Sinai.									
Brookings County	30	1515-1535 CST			0	0	3	?	Severe Thunderstorm
A severe thunderstorm moved from Sinai to Lake Oakwood to Bruce and onto Highway 77, north of Brookings. Heaviest crop damage occurred near Arlington and serious water erosion occurred through western and northern sections of the county, especially near Volga where one and one-half inches of rain fell in less than one hour. In Brookings, gusts to 70 mph downed several large branches and signs, blocking traffic, and scattered power outages of up to one and one-half hours occurred in northern Brookings. South of Bruce, seven utility poles were downed. In Volga, a few trees were uprooted, several branches downed onto a garage resulted in damage, and power was out for an hour in sections of the town.									
Moody County	30	1600 CST			0	0	0	0	Flash Flood, Hail
South of Colman, one and one-fourth inch diameter hail fell, producing no damage. Rainfall of one and one-half inches in less than 30 minutes flooded rural roads and washed fields around Egan.									

40 TENNESSEE

Memphis, Shelby County	31	1750 CST			0	0	0	0	Funnel Cloud
A tornado lifted off the ground in West Memphis AR and the funnel cloud was observed crossing the Mississippi River into Tennessee near the Memphis & Arkansas Bridge, then moving eastward over the city of Memphis. A funnel cloud was sighted in East Memphis at about 1830 CST.									
Hornbeak, Obion County	01	1900 CST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted near this Obion County community.									
Perryville, Decatur County	07	Morning			0	0	3	0	High Wind
Several boats docked at the marina on the Tennessee River were damaged by high thunderstorm winds.									
Pikeville, Bledsoe County	12	1700 CST			0	0	4	0	Lightning, Flash Flooding
Lightning from a thunderstorm struck a cabinet shop, causing a fire which destroyed the building. Flash flooding during and following the accompanying rain washed out a bridge on the old York highway, as well as several private bridges. State highway 30 was covered with 2 to 3 feet of water for a time.									
Hamilton County	12	0900-1230 EST			0	0	2	0	High Wind
Strong thunderstorm winds blew trees down on Choate Road and on Ringold Road, and also on John Ross Road in the East Ridge community.									
Meigs County	12	1700 EST			0	0	3	0	Lightning, Flash Flooding, High Wind
A strong thunderstorm caused very heavy rains over a short time period, with 2 feet of water covering Highway 58 15 miles south of Decatur; also, water was reported over the hood of a car on Armstrong Ferry Road. Trees and power lines were downed by the high thunderstorm winds. A barn 1 mile south of Decatur was struck by lightning and burned to the ground.									

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— TENNESSEE									
Bluff City, Sullivan County	15	1730EST			0	0	3	0	Lightning
									Lightning started a fire in a barn, destroying the barn and the hay it contained.
Greenback, Loudon County	22	2130EST			0	0	3	0	Lightning, High Wind
									Lightning caused a fire at a residence, damaging one room. High thunderstorm winds downed numerous trees in the area, causing scattered power outages.
Tipton County	28	1640CST			0	0	0	0	Hail
									3/4 inch hail fell during a thunderstorm in the southern part of the county near Highway 51.
Shelby County	28	1650CST			0	0	1	0	High Wind
									Several large trees were uprooted by high thunderstorm winds in the northern part of the county.
Collierville, Shelby County	28	1830CST			0	0	3	0	Lightning
									Lightning struck a storage building, causing extensive damage to the attic area of the building.
Goodlettsville, Davidson County	31	1800CST			0	0	3	0	Lightning, High Wind
									Lightning struck a house, knocking holes in the walls and roof. High winds from the thunderstorm blew over a tree which shattered a picture window.
41 TEXAS, Northern									
Coleman County	7	2110CST			0	0	?	?	Hail
									Dept. of Public Safety Officers reported hail to baseball size in southern portions of the county.
Brown County	7	2120CST			0	0	?	?	Hail
									Golfball size hail was reported at Zephyr.
Taylor County	8	0415CST			0	0	4	?	Thunderstorm Winds
									Winds to 70 mph were reported in the Abilene area with scattered reports of roof, carport and sign damage, as well as trees and power lines being downed.
Tarrant County	11	1600CST			0	0	4	?	Thunderstorm Winds, Hail
									Thunderstorm winds estimated by spotters at 75 mph damaged roofs, uprooted trees and broke windows in White Settlement. Hail to 3/4 inch was also reported.
Parker County	11	1015CST-1635CST	1/2	30	0	0	0	0	Thunderstorm Winds, Hail Tornado F0
									At 1015CST, high thunderstorm winds downed trees and power lines in Weatherford, cutting off power to most of the city for several hours.
									Hail to 3/4 inch was reported in Millsap at 1440CST.
									At 1510CST, a small tornado touched down briefly in the western portion of the county, just north of the Interstate Highway. Some trees were damaged, but there was no other reported property damage.
Tarrant County	11	1649CST-1725CST			0	0	4	?	Thunderstorm Winds, Hail
									Golfball size hail was reported 8 miles southeast of Weatherford at 1610CST. Spotters reported at 1635CST that the storm had a rotating wall cloud and a funnel.
									An intense thunderstorm moved from southeast Parker County into southwest Tarrant County near Benbrook, with spotters reporting 3/4 inch hail in Benbrook at 1649CST, followed by 1 inch hail a few minutes later.
									At 1659CST, spotters in southwest Ft. Worth reported hail to 3/4 inch and 75 mph winds.
									Spotters in the western portion of Ft. Worth reported extensive wind damage near Carswell Air Force base at 1725CST. Numerous roofs were damaged and trees and power lines were downed by the thunderstorm winds estimated at over 60 mph.
Taylor County	12	1540CST			0	0	?	?	Hail
									Golfball size hail was reported at Hamby.
— TEXAS, Northern									
Shackelford County	12	1600CST-2000CST			0	0	?	?	Flooding, Hail
									Hail to 3/4 inch was reported in the northern part of the county at 1600CST as intense thunderstorms moved through the area. Hail to golfball size was reported at Moran at 1840CST and 1920CST.
									Heavy rains totaling up to 7 inches covered the area around Moran, with Highway 6 being closed for several hours because of the flood waters.
Jones County	12	1645CST			0	0	?	?	Hail
									Hail to 1 1/2 inch was reported on the east side of Lake Fort Phantom.
Callahan County	12	1745CST			0	0	?	?	Hail
									Hail to golfball size was reported 15 miles east of Clyde.
Stephens County	12	1825CST			0	0	?	?	Hail
									Hail to hen egg size was reported at Eolian.
Palo Pinto County	12	1900CST			0	0	?	?	Thunderstorm Winds
									Thunderstorm winds up to 86 mph were recorded in the Possum Kingdom area.
Eastland County	12	2042CST-1935CST-2010CST	1/2	30	0	0	5	?	Tornado F0 Hail
									Hail to golfball size was reported at Morton Valley at 1935CST, at Ranger and Eastland at 1959CST and at Wayland at 2010CST.
									A tornado touched down 6 miles southeast of Eastland at 2042CST, destroying 9 mobile homes and overturning a truck. No injuries were reported.
Stephens County	12	2130CST			0	0	?	?	Flooding
									Intense rains caused flooding in portions of the county, with some farm roads under water for a short time.
Erath County	12	2240CST-2244CST			0	0	?	?	Funnel Hail
									Spotters reported a funnel near Dublin at 2240CST, followed by 1 inch hail at 2244CST.
Somervell County	12	2345CST			0	0	?	?	Hail
									Police in Glen Rose reported 1 inch hail.
Hardeman County	13	0615CST			0	0	?	?	Hail
									Spotters reported hail to 3/4 inch in the north part of the county.
Wichita and Archer Counties	13	0738CST			0	0	?	?	Hail
									Spotters reported hail to 3/4 inch near Holliday on the Wichita/Archer County line.
Denton County	13	1010CST			0	0	?	?	Thunderstorm Winds
									Amateur radio spotters reported winds to 65 mph in the Denton area and up to 70 mph near Krum. Just to the north of Denton, a barn was destroyed by the winds.
North Texas	13	1010CST-1240CST							Tornadoes, Thunderstorm Winds
									Intense thunderstorms moved through North Texas during the late morning and early afternoon hours, spawning tornadoes and producing high winds. Despite the amount of damage done, there were no fatalities and only 50 injuries.
									The storm moved to the northeast at speeds over 50 mph, with the first damage reported in Hill County at around 1000CST. Moving quickly through Ellis County, it then produced the first tornado in De Soto, a suburb of Dallas. Strong winds, combined with the tornado, damaged 150 buildings, injured 7 and inflicted over \$3 million damage.

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— TEXAS, Northern										
					The storm then continued northeastward, producing another tornado in Rockwall County, along with more straight-line wind damage at about 1115CST. Kaufman County also suffered damage from the storm, with all of it being straight-line winds.					
					The worst hit area was Greenville where a tornado moved quickly through downtown at about 1130CST. Over 100 buildings were damaged and 23 people were injured. To the south of town at the airport, 26 aircraft, a hangar and mobile home were destroyed by straight-line winds.					
					The storm also produced a tornado at 1230CST in Paris, Lamar County. The tornado destroyed some of the city that had been rebuilt following another tornado in April, 1982. About 20 homes were destroyed and 75 were damaged. There were no fatalities and only 8 injuries.					
Johnson and Hill Counties	13 1010CST		0	0	5	?	Thunderstorm Winds			
					Thunderstorm winds produced scattered damage to homes and power lines in Cleburne. Several mobile homes were overturned near Grandview, also in Johnson County.					
					In Hill County, several mobile homes were also overturned near Covington, but there were no injuries.					
Cooke County	13 1030CST		0	0	5	?	Thunderstorm Winds			
					Thunderstorm winds, estimated at 65 mph by spotters, tore roofs off several homes and overturned a mobile home in the southeast part of the county. Several barns and outbuildings were also destroyed.					
Ellis County	13 1030CST		0	0	5	?	Thunderstorm Winds			
					Spotters estimated thunderstorm winds to 80 mph in Ennis. Roofs of several homes were damaged and numerous trees and power lines were downed.					
					In Red Oak, 5 duplex homes were heavily damaged by the winds and a decorative wall at a nearby restaurant was blown down.					
					Spotters estimated winds to 70 mph in Waxahachie, with the wall of a school building being blown down. Several homes also had roof damage, along with several out-buildings being blown down.					
Dallas County	13 1042CST 1040CST	4.5	75	0	16	6	Tornado F2 Thunderstorm Winds			
					The tornado touched down first at about 1042CST in DeSoto, near the Mockingbird Hill area south of the Junior High School. Several dozen houses were unroofed as it moved northeastward with a path width of about 75 to 100 yards. The Police Communications Center, near Belt Line and Folk St., was next to be hit and quickly lost all the radio antennas.					
					The Junior High School was also heavily damaged, with part of the roof being removed and numerous windows being blown out.					
					High thunderstorm winds caused damage in the Lake June area, where a building under construction was demolished. Metal I beams were thrown into nearby houses, causing further damage. Several children at the Lake June School were injured by flying glass when the winds broke out many of the windows.					
					Damage was estimated at \$1.5 million in DeSoto, and a similar amount in southeast Dallas. Overall, 8 homes were destroyed and nearly 200 damaged.					
Grayson County	13 1110CST		0	2	4	?	Thunderstorm Winds			
					Thunderstorm winds overturned 2 mobile homes and heavily damaged several houses in the Gunter area. Two people were slightly injured during the storm.					
Kaufman County	13 1110CST		0	1	4	?	Thunderstorm Winds			
					Several mobile homes were overturned west of Terrell, injuring one woman. The thunderstorm winds also damaged several homes near the city and downed trees and power lines in the area.					

— TEXAS, Northern										
Rockwall County	13 1100CST 1100CST	1/2	30	0	0	0	0	0	0	Tornado F0 Thunderstorm Winds
					A tornado touched down briefly east of Rockwall, downing trees and power lines before receding back into the thunderstorm.					
					Most of the damage in the county was from thunderstorm winds and was concentrated along the eastern shores of Lake Hubbard. Several buildings on the shore and at least 6 boats were heavily damaged at a yacht club by very high winds.					
Hunt County	13 1130CST 1130CST- 1145CST	0	75	0	23	6	?	Tornado F2 Thunderstorm Winds		
					Amateur radio spotters observed a rotating wall cloud south of Greenville shortly before the tornado struck downtown. The tornado first touched down near the Interstate highway southwest of town, then moved to the northeast into the city. At least 100 buildings were damaged and 23 people were injured by the tornado as it passed through the densely populated area.					
					To the south of town at the airport, thunderstorm winds destroyed one hangar, a mobile home and 26 aircraft.					
					Winds were estimated by spotters at over 60 mph in Commerce at 1145CST as the storm damaged roofs and downed trees and power lines.					
Fannin County	13 1132CST				0	0	?	?	Thunderstorm Winds	
					Winds were estimated at over 60 mph by spotters in the Bonham area. Numerous trees and power lines were downed but there were no injuries.					
Van Zandt County	13 1150CST				0	0	?	?	Thunderstorm Winds	
					Trees and power lines were downed 2 miles south of Canton by thunderstorm winds.					
Leon County	13 Noon				1	2	0	0	Lightning	
					Several workers were eating lunch under a tree at a construction site near Jewitt as a thunderstorm approached. Eyewitnesses said the storm was still some distance away and that it was not raining when lightning struck the tree. One man was killed and two were injured by the strike.					
Henderson County	13 1200CST				0	0	?	?	Thunderstorm Winds	
					Thunderstorm winds downed trees and power lines in Athens.					
Hopkins County	13 1200CST				0	0	?	?	Thunderstorm Winds	
					Several roofs of houses were damaged and trees and power lines were downed in the Cumby area by high thunderstorm winds.					
Wood County	13 1220CST				0	0	?	?	Thunderstorm Winds	
					Thunderstorm winds struck the Quitman area, destroying a roller skating rink and damaging the city jail roof. Numerous trees and power lines were also downed.					
Lamar County	13 1230CST 1230CST	4	75	0	8	6	?	?	Tornado F2 Thunderstorm Winds	
					A tornado touched down briefly in the southern part of Paris, then struck the northeast part of town, part of the same area struck by a killer tornado in April, 1982. As the tornado moved to the northeast, it destroyed 20 homes and damaged 75 others. There were 8 people injured during the storm.					
					A mobile home was over turned by thunderstorm winds near Blossom in eastern Lamar County, but there were no injuries.					
Camp County	13 1235CST				0	0	?	?	Thunderstorm Winds	
					Thunderstorm winds downed trees and power lines in the Pittsburg area.					

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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									
Bell County	13	1324CST-1245CST-1320CST	1/2	30	0	0	?	?	Tornado F0 Thunderstorm Winds, Hail, Flooding
									Amateur radio spotters reported a brief touchdown of a tornado near Belton. Spotters reported 1 inch hail in western Bell County at 1245CST. In Belton, thunderstorm winds removed a house roof at 1300CST. Spotters reported minor flooding at the hospital at 1320CST.
Red River County	13	1250CST			0	0	?	?	Thunderstorm Winds
									High thunderstorm winds damaged several buildings in the Manchester area and downed trees and power lines near Detroit and Clarksville.
Falls County	13	1347CST	1/2	30	0	0	?	?	Tornado F0
									A tornado touched down briefly near Rosebud.
Freestone County	13	1405CST			0	0	?	?	Thunderstorm Winds
									High winds downed trees and power lines just north of Teague.
Limestone County	13	1415CST	1/2	30	0	0	?	?	Tornado F0
									A tornado touched down briefly in a field 3 miles west of Groesbeck.
Hardeman County	19	1750CST			0	0	?	?	Thunderstorm Winds
									Thunderstorm winds damaged roofs and trees in the Guanah area, with speeds estimated over 60 mph.
Foard County	19	1900CST			0	0	?	?	Hail
									Golfball size hail was reported near Lake Kemp.
Archer and Young Counties	19	2130CST			0	0	?	?	Thunderstorm Winds
									Thunderstorm winds tore roofs off several homes, trailer houses and small buildings between Diney and Megargel. Numerous trees and power lines were also downed.
Jack County	19	2225CST			0	0	?	?	Flooding, Hail
									Intense thunderstorms produced hail to golfball size and produced some flooding in the Jacksboro area.
Parker County	19	2350CST			0	0	?	?	Hail
									Spotters reported 3/4 inch hail in Azle.
Tarrant County	20	0001CST			0	0	?	?	Hail
									Spotters reported golfball size hail in northern parts of the county.
Dallas County	20	0005CST			0	0	?	?	Hail
									Spotters reported golfball size hail in the northwest part of the county.
Lamar County	20	2030CST-2216CST	1/2	30	0	0	?	?	Tornado F0 Tornado F0
									At 2030CST, spotters reported the first tornado just south of Sumner. It touched down briefly in a field before lifting into the thunderstorm. The second tornado was spotted southeast of Direct at 2216CST. It also lifted into the parent storm shortly after touching down.
Fannin County	20	2120CST			0	0	?	?	Hail
									Dime to golfball size hail covered the ground in the Bonham area.
Parker County	20	2230CST			0	0	?	?	Hail
									Spotters reported 1 inch hail in Weatherford.
TEXAS, Northern									
Wise County	21	0012CST			0	0	?	?	Flooding
									Thunderstorm rains produced water 3 ft. deep over a railroad crossing on Highway 380 west of Decatur, closing the road for a short time.
Johnson County	21	0020CST-0045CST			0	0	?	?	Thunderstorm Winds, Hail
									Dime size hail was reported south of Crowley at 0020 CST, followed by quarter size hail at Cleburne at 0030CST. Thunderstorm winds produced scattered damage to roofs of homes in Cleburne at 0045CST.
Hood County	21	0036CST			0	0	?	?	Flooding
									Rainfall amounts of up to 3 1/2 inches during the evening caused flooding around the Pecan Plantation area.
Tarrant County	21	0055CST-0102CST			0	0	5	?	Thunderstorm Winds, Hail
									Winds to 60 mph were reported by spotters in Mansfield at 0055CST. A home under construction was destroyed with damage set at near \$100,000. Hail to golfball size was also reported with the storm. Spotters reported hail to golfball size in southern sections of Ft. Worth.
Somervell County	21	0025CST			0	0	?	?	Hail
									Police reported hail to 3/4 inch in Glen Rose.
Morris County	21	0105CST			0	0	?	?	Hail
									Spotters reported hail to 3/4 inch near Omaha.
Ellis County	21	0136CST			0	0	5	?	Thunderstorm Winds
									Thunderstorm winds heavily damaged an auto dealership, a restaurant, and demolished a vacant house in Ennis. Damage was estimated at over \$100,000.
Titus, Wood, Smith and Hopkins Counties	21	0140CST-0440CST			0	0	?	?	Flooding, Hail
									Intense rains blanketed much of this region of North Texas during the late night hours. Numerous farm roads were under water for much of the night as small streams went over bankfull. However, by early the next morning, the roads were opened as the streams subsided. Hail to 3/4 inch was reported near Crow in Wood County at 0415CST.
Hunt County	21	0215CST			0	0	?	?	Thunderstorm Winds
									Thunderstorm wind damaged roofs, carports and windows and downed trees and power lines in the Lake Tawakoni area.
Hopkins County	27	0000CST			0	0	?	?	Hail
									Hail to 1 1/2 inch was reported in the Como area.
Eastland County	27	1806CST			0	0	?	?	Lightning, Hail
									Hail to baseball size fell near Rising Star, with reports of car windshields being broken. During the storm, a home in Rising Star was struck by lightning and destroyed by fire.
Brown County	27	1926CST			0	0	?	?	Hail
									Hail to 1 inch was reported east of Brownwood.
Coleman County	27	2050CST			0	0	?	?	Hail
									Hail to golfball size was reported south of Rockwood.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	
41 TEXAS, Southern									
Caldwell County	1	0045CST			0	0	0	0	Hail, Wind
									Large hail fell in Lockhart. Thunderstorm winds gusted to 59 MPH at the radio station, KCLT. Damage not reported.
Hidalgo County	1	1730CST			0	0	0	0	Hail
									Three quarter inch hail fell in La Joya, which is in the extreme southwest part of the county. Damage not reported.
Austin County	8	1155CST			0	0	0	0	Hail, Wind
									Thunderstorm winds gusted to 60 MPH in Sealy. Golfball size hail fell at Kinney and Bellville. Damage not reported.
Hays County	8	1400CST			0	0	?	0	Wind, Hail
									Thunderstorm winds, estimated at between 50 and 60 MPH, blew over a billboard and a firecracker stand. Marble size hail was also reported by the Sheriff's Department.
Guadalupe County	8	1630CST			0	0	?	0	Hail, Wind
									Golfball size hail fell in the east and northeast parts of the county near the communities of Kingsbury and Staples. Near Staples, thunderstorm winds destroyed a mobile home. High winds also blew the roof off of a home and downed trees near the intersection of the old Seguin Road and FM 1979. A tornado report in the area could not be confirmed. There was also signs and billboards blown down along IH 10 in the eastern part of the county.
Uvalde County	8	1750CST			0	0	0	?	Hail, Wind
									Hail, size not reported, covered the ground at Utopia. Thunderstorm winds blew over a large pecan tree that had been in the community for years. Only minor damage in the area.
Gonzales and Wilson Counties	8	1730-1900CST			0	0	5	0	Hail, Wind
									In the extreme northwest part of the county, near Stewart, thunderstorm winds toppled trees. There was also wind damage reported around Stockdale. In Gonzales County, thunderstorm winds severely damaged a car wash building in Nixon. There was also roof damage at the Smiley-Nixon High School building. A drive-in grocery store was also damaged. A nearby chicken farmer lost 1500 chickens, as high winds destroyed 2 chicken houses. There was other damage in Nixon from fallen trees and power lines. Between Nixon and Smiley, hail the size of hen eggs was reported (believed not related to the disappearance of the 1500 chickens above). At Dewville, up the road from Nixon, some trees were uprooted.
Bexar County	8	1820CST			0	0	5	0	Hail, Wind
									Thunderstorm winds did some roof damage in the southeast part of the county near Sulphur Springs road and US Hwy 85. Also, damage was reported near Calaveras Lake where some power lines and trees were downed. The high winds also demolished a shed where some cars were parked. At least 4 homes in the area suffered some damage, with one home losing its roof. Hail the size of golfballs did car damage at the Windsor Mall on the northeast side of the city of San Antonio.
San Patricio County	8	2020-2130CST			0	0	?	6	Hail
									Hail up to the size of tennis balls raked the countryside from near Papalote, southward to south of Sinton. In some areas, 50% of the farm crops were lost. Damage to crops was estimated to be in the excess of \$300,000.
Nueces County	8	2044-2130CST			0	0	?	?	Hail, Wind
									Three quarter inch hail fell in some parts of the city of Corpus Christi and thunderstorm winds toppled large oak trees. At the NWS office at the International Airport, wind gusted to 52 MPH at 2101 CST.
Uvalde County	8	2100CST			0	0	5	5	Hail, Wind
									Large hail and high winds hit the area in and around Knipps. High winds from a thunderstorm uprooted trees around Sabinal. Large hail knocked out windows and windshields around Con Can. There was considerable hail damage in the area to crops.
Val Verde County	8	2055CST			0	0	0	0	Wind
									Thunderstorm winds were estimated at near 80 MPH. 60 miles north of Del Rio. Open country, and damage not reported.
Jim Wells County	8	2200CST			0	0	0	0	Hail
									Three quarter inch hail fell over the northern part of the county. Minimum crop damage.
Val Verde County	8				0	0	0	0	Hail
									Golfball size hail fell along US Hwy 90, 12 miles east of Del Rio. Damage not reported.

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, Southern									
Hidalgo and Starr Counties	15	Morning			0	0	?	0	Flooding
									A strong, active stationary front set off very heavy rains of 5 to 10 inches, causing extensive flooding in and around the town of Mission. Low areas in the town were covered with water and 150 persons had to be evacuated. 40 evacuees spent the night in emergency shelters. In Starr County, Rio Grande City measured 7.98 inches of rain which fell over a 2 day period. This caused some flooding problems along the Rio Grande River. There was a report of 13 inches of rain just across the border in Mexico.
Kerr County	16	2125CST			0	0	0	0	Hail
									Golfball size hail was reported in the western part of the county. Damage not reported.
Bandera, Kerr, Kimble, and Real Counties	16-17	Night-Morning			3	0	5	?	Flash Flooding
									Heavy rains up to 6 inches produced flash flooding of numerous low water crossings in the four county area. There were several vehicles stranded in high water. In northern Real County, around 2AM CST, 3 persons were drowned when a car was swept off of a low water crossing. The victims were locked in the trunk of the car. The Medina and Guadalupe Rivers rose several feet from the runoff of the flood waters. The river gauge on the Guadalupe River just west of Kerrville registered a rise of 13 feet.
Atascosa and Medina Counties	17	0130CST			0	0	5	0	Hail, Wind
									Thunderstorm winds did damage in the area from near Castrovilla, southward to near Lytle. One airplane at the Castrovilla airport was flipped over and did damage to a nearby parked plane. Winds registered 60 MPH at the airport office. In Lytle, high winds ripped off the roof of an annex of a lumber yard. Elsewhere in Lytle, trees and utility poles were downed. There was also crop damage in the area due to hail, size not reported. There was also wind damage just south of Jourdanon.
Webb County	17	2030CST			0	0	0	0	Hail
									Golfball size hail and serious street flooding occurred from a very heavy thunderstorm that moved over the Laredo area. Damage not reported.
Jim Wells County	17	2130CST			0	0	0	?	Hail
									Golfball size hail damaged crops in the northwest part of the county near the community of Armasoga.
Cameron, Hidalgo and Zapata Counties	17-18	Night-Early Morning			0	0	?	?	Wind
									Thunderstorm winds from a southeast-moving severe thunderstorm downed trees and power lines in portions of the tri-county area. Winds were estimated at 60 MPH at Zapata and 70 MPH at McAllen. At the NWS office in Brownsville, winds were clocked at 60 MPH. Palm trees were toppled at McAllen and Brownsville.
Galveston County	18	1447CST	?	?	0	0	?	0	Waterspout/Tornado (FO)
									A waterspout moved ashore near Sand Dollar Road in the Crystal Beach area. Only minor damage reported.
Duval, Kleberg, and Jim Wells Counties	20	1900-2100CST			0	0	?	?	Hail, Wind
									A severe thunderstorm developed over the central portion of Duval County around 1900CST and moved southeast into Kleberg County and ended shortly after 2100CST. The storm dropped hail up to 2 3/4 in. in diameter. There was one stretch of crop devastation about 20 miles long and 5 miles wide in southern Jim Wells County. There was major crop damage in and around Premont. One farmer estimated his loss at 1 million dollars. There was widespread damage to trees, roofs and windows of homes, as well as to automobile windshields.
Aransas County	20	2000CST			0	0	0	0	Wind
									Thunderstorm winds, estimated at near 70 MPH, hit the Rockport area and blew off portions of a motel roof. Trees and power lines were also downed.
LaSalle County	20	2330CST			0	0	0	0	Hail
									Hail, the size of dimes, fell in portions of the county. Damage not reported.
Live Oak County	21	0200CST			0	0	0	0	Wind, Heavy Rain
									Thunderstorm winds toppled a few large trees in the Three Rivers area. The high winds were accompanied by very heavy rains. Gerogewest reported 4.33 inches of rain with minor flooding.
Nueces County	21	0227CST			0	0	?	?	Hail, Wind, Lightning
									Thunderstorm winds gusted to 60 MPH at the NWS office at the Corpus Christi International Airport. Numerous trees and power lines were downed in the area. There was considerable hail damage south of Corpus Christi near Chapman Ranch. 2 houses were struck by lightning and burned.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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, Southern									
Dimmit and Zavala Counties	21	0615-0640CST			0	0	0	0	Hail, Wind, Heavy Rain
			Hail up to the size of golfballs covered the ground in Carrizo Springs. Winds estimated at 55 MPH and hail the size of dimes stripped trees in La Pryor. Also at LaPryor, two and a half inches of rain fell in a 15 minute period.						
Harris, Jefferson, Montgomery, and Orange Counties	21	0530-0720CST			0	2	5	0	Wind
			Thunderstorm winds were produced by a severe thunderstorm that formed in Montgomery County around 0530CST and moved southeast over northern Harris County and eastward to Orange County. Damage from the high winds was scattered over the four county area. At the Montgomery County Airport, several planes were damaged. In northern Harris County, in the Kingwood area, high winds collapsed portions of a school wall before school started. In Crosby, the roof of a home was blown off. In Orange, winds blew the roof off of the Sabine River Authority Building on IH 10. In Jefferson County, near Beaumont, high winds collapsed portions of a home on the top of a nearby automobile, injuring the two occupants, one seriously. Trees and power lines were reported downed in portions of the 4 county area.						
Cameron County	21	Morning			0	0	0	0	Flooding
			Heavy rains of 3-4 inches in the Brownsville area closed several streets because of high water and numerous cars were stranded and flooded out. Some homes were also flooded.						
Dimmit County	21	1130CST			0	0	0	0	Hail, Wind
			Dime size hail and high winds estimated at near 50 MPH hit portions of the county. Damage not reported.						
Gillespie County	22	1000CST			0	0	0	0	Wind
			Radio station KNAF in Fredericksburg reported a wind gust to 58 MPH from a passing thunderstorm. Damage not reported.						
Jefferson County	23	0432CST			0	0	?	0	Wind
			Thunderstorm winds gusted to 62 MPH at the NWS office at the Jefferson County airport. Planes were turned around on the parking ramp by the gusty winds. Trees and power lines were downed in the area. At least one roof in the area suffered wind damage.						
Uvalde County	24	0013-0125CST			0	0	?	?	Hail, Wind, Flooding
			Hail up to the size of tennis balls pelted the Knippa area. The hail broke out car windshields and homeowners reported broken window panes. Thunderstorm winds did damage to barns and one grain bin was rolled. Up to 5 inches of rain in Uvalde caused street flooding and the flooding of some local low water crossings.						
Bexar County	24	1315-1700CST			0	0	7	0	Flash Flooding, Hail, Wind, Lightning
			Very heavy thunderstorms formed in the southern part of Kendall County, the extreme eastern part of Bandera County and the extreme northwestern part of Bexar County and moved southeast over Bexar County. There were at least two different severe thunderstorms to hit the city of San Antonio. The first occurred shortly after 1130CST when small hail, high winds and heavy rains hit the north-central and northwest side of the city. The second thunderstorm hit shortly after 1300 CST and was by far the most severe of the two. Hail up to 2 inches in diameter fell in Shavano Park on the north side of the city. Hail and high winds from this area moved south towards town. Most of the damage was centered around the intersection of IH 10 and Wurzbach where hail broke out car windshields at the South Texas Medical Center. Lots of trees were blown over in the area by winds estimated at 70 MPH. The hail stripped trees of their foliage over a wide area. Piles of hail could be seen in the area the next day at noon.						
			The heavy thunderstorms produced very heavy rains up to 3 inches and flooded many low water crossings and streets on the north side of the city. Several cars were stranded in high water. Olmos Creek got on a rise and overflowed several bridges in the area.						
			A spokesman from the CPS (City Public Service) reported the damage as one of the worst in the city of San Antonio as far as damage to the utility system. There was lots of damage by lightning hitting utility poles and high winds toppling trees onto power lines and poles. The damage to the utility system was estimated over a half million dollars. One insurance company alone estimated claims in the excess of 3 million dollars.						
Edwards and Real Counties	24	1425CST			0	0	0	0	Hail
			Hail the size of golfballs pelted the area around Garvin Store which is located 27 miles northwest of Leskey near the Edwards-Real County line. Damage not reported.						
Live Oak and McMullen Counties	24	1600CST			0	0	0	0	Hail
			Golfball size hail was reported by the Texas Dept of Public Safety near the Live Oak-McMullen County line between Three River and Tilden. Damage not reported.						
TEXAS, Southern									
Live Oak County	24	1648CST			0	0	?	0	Wind, Hail
			Thunderstorm winds toppled power poles 4 to 5 miles north of Geogevest. Hail one inch in diameter fell also. Damage not reported.						
Jim Wells County	24	1715CST			0	0	?	0	Wind
			Thunderstorm winds estimated at near 70 MPH toppled trees in Alice. Windows were also blown out in the police station downtown. Power poles and lines were downed by the high wind.						
Kinney County	24	1755CST			0	0	0	0	Hail, Wind
			Hail up to the size of golfballs and wind gusts to between 40-50 MPH hit the Bracketville area. Damage not reported.						
41 TEXAS, Western									
Sunray, Moore County	05	1624CST			0	0	?	0	Hail
			Golfball sized hail in Sunray.						
Morse, Hansford County	05	2110CST			0	0	0	0	Hail
			Golfball sized hail 1 mile west of Morse.						
Stratford, Sherman County	06	2025CST			0	0	?	0	Hail
			Golfball sized hail 5 miles west of Stratford.						
Dumas, Moore County	06	2030CST			0	0	?	0	Hail
			Baseball sized hail 1 mile north and northeast of Dumas.						
Dumas, Moore County	06	2204CST			0	0	?	0	Hail
			Hen egg sized hail in Dumas. Damage totals unknown.						
Stinnett, Hutchinson County	06	2225CST			0	0	?	0	Hail
			Golfball sized hail in Stinnett.						
Lubbock County	07	1755-1815CST			0	0	?	?	Hail
			A hailstorm, lasting about 20 minutes, with some hail to baseball size caused considerable damage to automobiles and homes in and around the City of Lubbock, including Woodrow and Wilson.						
Wilson, Lynn County	07	1850CST			0	0	?	?	Hail
			Golfball sized hail covered the ground in Wilson. Undetermined damage.						
Hereford, Deaf Smith County	07	1910CST			0	0	6	5	Hail
			Hail up to golfball size fell in and around Hereford, causing considerable damage to autos and houses. According to a Soil Conservation Service Official, about 20 to 30 percent of the crop around Hereford was lost. Damage estimates exceed two million dollars.						
Anton, Hockley County	07	1922CST			0	0	?	0	Hail
			Golfball sized hail fell in Anton.						
Dimmitt, Castro County	07	1950CST			0	0	?	?	Hail
			Golfball sized hail fell 10 miles northwest of Dimmitt.						
Dimmitt, Castro County	07	2045CST			0	0	?	?	Hail, Wind
			Golfball sized hail fell 13 miles south-southwest of Dimmitt. A westbound pickup truck and camper were struck by high winds. The camper was blown over and the truck was lifted about 4 feet off the ground. There were no injuries.						
Abernathy, Hale County	07	2214CST			0	0	5	?	Hail
			Baseball sized hail pounded parts of Abernathy and surrounding areas, causing considerable damage to homes and automobiles.						
Lubbock, Lubbock County	07	2300 & 2305CST			0	0	4	0	Hail
			Additional heavy hail to 1 1/2 inches and very strong wind caused more damage. Many windows were broken. Hardest hit were some apartments in the southwest parts of Lubbock.						
Whiteface, Cochran County	08	1730CST			0	0	3	0	Hail
			Golfball sized hail in Whiteface caused minor damage.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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					KILLED	INJURED	PROPERTY	CROPS	

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TEXAS, Western

Seagraves, Gaines County	08	1830CST		0	0	0	0	0	Hail
Hail, slightly larger than 3/4 inch, fell in Seagraves.									
Seminole, Gaines County	08	1830CST		0	0	0	0	0	Hail
Up to 1 inch sized hail fell 15 miles southwest of Seminole.									
Barnhart, Irion County	08	1920CST		0	0	4	0	0	Wind
Very strong wind out of a thunderstorm blew off a house roof and downed power lines in Barnhart.									
Ozama, Crockett County	08	2110CST		0	0	?	0	0	Wind
Wind gusts to 80 mph were reported by an observer near the Crockett-Val Verde County Line.									
Sterling City, Sterling County	13	0515CST	short	25	0	0	0	0	Tornado (FO)
A funnel cloud 17 miles northwest of Sterling City touched down momentarily.									
Sterling County	13	0907CST							Funnels
The Department of Public Safety reported two funnel clouds over the county.									
Seminole, Gaines County	16	1650CST	short	30	0	0	0	0	Tornado (FO)
At least 4 to 6 suction vortices formed briefly beneath a rotating wall cloud about 22 miles northeast of Seminole. They were photographed by David Hoadley, long-time storm chaser.									
Tahoka, Lynn County	16	1747CST	0.1	50	0	0	0	0	Tornado (FO)
A small, brief tornado was photographed by David Hoadley about 5 to 10 miles north-northeast of Tahoka. It appeared as a dust tube about 500 feet high and 1 to 2 thousand feet west of a laminar vortex from the cloud base.									
Panhandle	17								Funnels
Several cold air funnels were sighted late morning and afternoon in Hartley and Oldham Counties north of Adrian. Several more were sighted in Dallam County just south of Dalhart.									
Childress County	19	1656CST							Funnel
Small, collar-shaped funnel formed briefly at juncture of strongly inflowing tail cloud and storm base.									
Colorado City, Mitchell County	19	1700CST				?	0	0	Hail
Golfball sized hail near Colorado City.									
Paducah, Cottle County	19	1745CST				3	0	0	Hail
Large hail hit an automobile, 10 miles north of Paducah, causing some damage but no injuries.									
Sanco, Coke County	19	1805CST	5	80	0	0	0	0	Tornado (FO)
A small tornado, 5 miles north-northeast of Sanco, travelled about 5 miles.									
Mertzon, Irion County	19	1940CST				?	0	0	Hail
Golfball sized hail in Mertzon.									
San Angelo, Tom Green County	20	0615CST				3	0	0	Lightning
Lightning struck the home of Mr. and Mrs. Donald Conoly. An alert neighbor rushed to the house to see if anyone was alive. Inside the house lamps were blown off the walls, all the knick knacks which had been on a mantle were broken, electrical baseboards were blackened, a hole appeared on the roof, shattered composition shingles were lying in the front yard, boards from the eaves were splintered and the doorbell button was blown out of the wall.									
Crosbyton, Crosby County	20	1355CST	0.1	50	0	0	?	0	Tornado (FO)
The Volunteer Fire Department in Crosby County reported a tornado 7 miles northeast of Crosbyton.									
Clairemont, Kent County	20	1410CST	2	100	0	0	0	0	Tornado (FO)
A tornado located 15 miles northwest of Clairemont was reported by an off-duty meteorologist.									
Clairemont, Kent County	20	1450CST	0.1	50	0	0	?	0	Tornado (FO)
The public reported a tornado 8 miles north of Clairemont.									
Clairemont, Kent County	20	1506CST							Funnel, Hail
A small, high base funnel was photographed briefly 12 miles north of Clairemont 30 minutes after encountering 3/4 inch hail in that area.									

TEXAS, Western

Jayton, Kent County	20	1515CST		0	0	0	0	0	Hail
Golfball sized hail 10 miles northwest of Jayton.									
Post, Garza County	20	1545CST		0	0	0	0	0	Hail
Golfball sized hail, 5 miles north of Post, was reported by the Sheriff.									
Tahoka, Lynn County	20	1625CST	3	50	0	0	0	0	Tornado (FO)
		1627CST	6	100	0	0	0	0	Tornado (FO)
Two weak (FO) tornadoes touched down southeast of Tahoka. The tornadoes spanned from a thunderstorm which developed along an outflow boundary produced by previous convection that afternoon. Both tornadoes appeared as dust tubes in contact with the ground with a small funnel at cloud base.									
The first tornado touched down 4 miles east and 2 miles south of Tahoka. The tornado had a single-cell circulation and travelled south for 3 miles across newly planted farmland. A dense dust bowl was observed in contact with the ground for about 9 minutes. At times, the dust bowl appeared V-shaped as the surface-based inflow organized. The dust tube extended up to a thin funnel at cloud base. With time, the dust tube stretched and tilted northward as the bottom portion of the tornado was being pushed southward. The tornado didn't cause any damage.									
A second wider tornado developed a mile east of the first tornado. The tornado was a multi-vortex with as many as three dust tubes in contact with the ground. The dusty circulation was about 100 yards wide but not as dense as the first tornado. At times, the circulation appeared diffuse, intensifying then dissipating under small funnels at cloud base. The tornado travelled south across several farm fields, lasting on the ground about 17 minutes. The total path length was 6 miles.									
Aspermont, Stonewall County	20	1708CST							Hail
Golfball sized hail 12 miles west of Aspermont.									
Morton, Cochran County	20	1742CST	0.1	50	0	0	0	0	Tornado (FO)
		1742CST	0.1	50	0	0	0	0	Tornado (FO)
The Sheriff reported two small tornadoes; one about 6 miles west of Morton and another 1 1/2 miles north of Morton. Neither caused damage.									
Aspermont, Stonewall County	20	1750CST							Hail
Baseball sized hail 6 miles north of Aspermont.									
Enochs, Bailey County	20	1827CST	short	30	0	0	?	?	Tornado (FO)
A tornado, 3 miles east of Enochs, touched down briefly.									
Amarillo, Potter and Randall Counties	20	Evening					?	?	Flash Flood
Almost all low-lying areas and underpasses in downtown and west Amarillo were flooded and impassable, including Interstate Highway 1-40.									
Sonora, Sutton County	22	0150CST					?	0	Hail
1-3/4 inch sized hail at Sonora.									
Kermit, Winkler County	22	0410CST					?	0	Hail
Golfball sized hail, lasting about 15 minutes, hit Kermit. There were numerous insurance claims but total damage undetermined.									
San Angelo, Tom Green County	22	0637CST							Wind
Wind gusted to 58 mph at the San Angelo Weather Service Office.									
Clairemont, Kent County	22	1314CST							Funnel
A funnel was photographed about 5 to 7 miles east-southeast of Abernathy for more than a minute.									
Lubbock and Lamb Counties	22	1440-1630CST							Funnels
Several funnels were sighted over Lamb and Lubbock Counties.									
Brownfield, Terry County	22	1645CST							Funnel
Small, detached clear-air funnel was photographed about 15 miles west-northwest of Brownfield, 4 to 5 miles southeast of small, intensifying cumulonimbus.									
Lubbock and Hockley Counties	22	1650-1930CST							Flash Flood
Heavy downpours flooded sections of Lubbock and Hockley Counties, causing considerable disruption of normal activities. House roofs leaked, autos stalled and young tender plants in farms were lost.									

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— TEXAS, Western										
Seagraves, Gaines County	22	2005CST	0.1	50	0	0	0	0	0	Tornado (F0) A tornado with marble sized hail and larger made a brief appearance 15 miles west of Seagraves.
Mertzon, Irion County	24	1500CST			0	0	0	0	0	Hail 1-3/4 inch hail 20 miles northwest of Mertzon.
Andrews, Andrews County	24	1530CST			0	0	0	0	0	Hail Hail to 3/4 inch just west of Andrews.
Ector County	24	1605-1614CST								Funnels Several funnels were sighted between Goldsmith and Odessa.
Midland, Midland County	24	1621CST	0.1	50	0	0	0	0	0	Tornado (F0) Tornado, 7 miles east of Midland, according to the Sheriff's Department.
Odessa, Ector County	24	1628CST			0	0	0	0	0	Hail Golfball sized hail 2 miles west of Odessa.
Rankin, Upton County	24	1759CST			0	0	0	0	0	Hail A Storm Chase Team reported 3/4 inch hail in Rankin.
Conway, Carson County	25	1710CST			0	0	0	0	0	Hail Golfball sized hail 2 miles east of Conway.
Pantex, Carson County	25	1722CST			0	0	0	0	0	Hail 3/4 inch hail 2 miles north of Pantex.
Odessa, Ector County	25	1814CST	0.1	50	0	0	0	0	0	Tornado (F0) A tornado, 7 miles west of Odessa, was reported by the public.
Odessa, Ector County	25	1825CST			0	0	?	0	0	Hail Hail, as big as 1 inch in diameter, fell in Odessa.
Midland, Midland County	25	1848CST			0	0	?	0	0	Hail Hail, as large as 1 inch, fell in Midland.
Silverton, Briscoe County	25	1935CST			0	0	?	?	0	Hail 2 inch sized hail fell in northeast Briscoe County.
Flomot, Motley County	25	2003CST			0	0	0	0	0	Hail Golfball sized hail, 4 miles east of Flomot, was reported by the Matador Fire Department.
Delwin, Cottle County	25	Evening			0	0	?	?	0	Hail A farmer reported considerable hail 1 mile south and 2 miles east of Delwin. Hail size reached 3/4 inch and hail drifts ranged from 6 to 16 inches high. One grain field was totally stripped, leaving small nubs sticking up.
Motley County	25	2045CST			0	0	?	?	0	Hail Numerous reports of golfball sized hail from northwest to central Motley County.
King County	25	2230CST								Funnels Several funnels between Guthrie and Dumont were sighted by the King County Sheriff and other persons.
East Afton, Dickens County	25	2235CST			0	0	?	0	0	Hail, Wind Strong damaging wind and golfball sized hail hit about 12 miles northeast of East Afton in Dickens County.
Grow, King County	25	2345CST			0	0	?	0	0	Hail Golfball sized hail near Grow according to the Sheriff.
Dumont, King County	25	2350CST			0	0	0	0	0	Hail Golfball sized hail 10 miles south of Dumont.
Stinnett, Hutchinson County	25	2355CST	0.1	50	0	0	0	0	0	Tornado (F0) Tornado, 2 miles west of Stinnett, was reported by the public.
Hall County	27	1755-1910CST			0	0	0	0	0	Funnels, Hail Numerous funnels photographed in northwestern Hall County. In addition, golf to baseball sized hail was encountered from west to northwest of the wall cloud.

— TEXAS, Western										
Hall County	27	1900-1930CST			0	0	0	0	0	Hail Baseball sized hail fell from west of Turkey to 6 miles west-southwest of Estelline.
Perryton, Ochiltree County	27	1915CST			0	0	0	0	0	Hail Baseball sized hail 20 miles south of Perryton.
Booker, Lipscomb County	27	2020CST			0	0	?	?	0	Hail Baseball sized hail at Booker. Damage unknown.
Cee Vee, Cottle County	27	2020CST			0	0	?	?	0	Hail Golfball sized hail in Cee Vee.
Paducah, Cottle County	27	2038CST			0	0	?	?	0	Hail Golfball sized hail, 7 miles north of Paducah, according to the Fire Department.
Paducah, Cottle County	27	2059CST								Funnels 2 funnel clouds were located 2 miles northwest of Paducah in Cottle County, according to the Fire Department.
Paducah, Cottle County	27	2112CST			0	0	?	0	0	Hail Golfball sized hail, 1 mile north of Paducah, according to the Sheriff's Office.
Grandfalls, Ward County	31	1730CST			0	0	?	0	0	Hail Golfball sized hail in Grandfalls, according to a Deputy Sheriff.
42 UTAH										
Weber County	02	1515MST			0	0	4	0	0	High Wind Strong winds aided by gusts from thunderstorms produced a peak wind of 72 mph at the Ogden Airport. The wind appeared to be the strongest in the Riverdale area west of Ogden where a barn was destroyed and a roof was blown off the Southern Pacific Depot. Other gusts included 47 mph at Hill AFB, and 49 mph at Brigham Young University at Provo.
Box Elder and Weber Counties	03	E2000MST			0	0	1	0	0	High Wind Strong south winds combined once again with thunderstorm gusts and produced high winds at several locations in the northwest. The Lakeside station recorded a gust to 55 mph, Hill AFB 54 mph, 48 mph at the Ogden Airport and 47 mph at the Salt Lake International Airport.
Salt Lake and Davis Counties	10	1400MST to 2000MST			0	0	3	0	0	High Winds & Funnel Cloud A Pacific cold front produced gusty winds estimated to 80 mph by persons at the Salt Air Marina. The winds uprooted pilings and damaged several boats. Near the same time, a funnel cloud was reported by the public about 5 miles west of Layton. The funnel cloud lasted for about 7 minutes.
Box Elder and Utah Counties	14	1420MST			0	0	3	0	0	High Winds Strong post cold frontal winds gusted to as high as 74 mph at the Lakeside station and to 58 mph at Provo. Other gusts included 47 mph at Timpie near Grantsville, and 46 mph at the Salt Lake International Airport. The wave action which resulted from the wind caused damage to the parking lot and access road at the Salt Air Marina.
Tooele County	29	2000MST			0	0	1	0	0	High Winds Post cold frontal winds gusted to 51 mph at Tooele. The Lakeside station hit 47 mph and Farmington 46 mph. Wave action once again damaged the access road, making it impassable and causing seven persons to be stranded at the Marina overnight.
43 VERMONT ————— NONE REPORTED										

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44 VIRGINIA

Rockbridge County	27	1630-1745EST			0	0	5	4	Flash Flood, Hail
<p>An isolated, intense slow-moving thunderstorm dropped 5 inches of rain and small hail in the Brownsburg, Raphine and Rockbridge Bath area. The extreme rainfall caused local flash flooding, washing out several state roads and bridges and causing an estimated \$70,000 damage to the highways. Widespread crop damage was reported due to the heavy rain and hail. The flooding in this area was the worst since Hurricane Camille in 1969.</p>									
Lee and Scott Counties	31	1705-1715EST			0	0	4	4	Hail
<p>Thunderstorms in southwestern Virginia began dropping 1 3/4 inch hail in portions of Lee County at 1708EST. Damaging roofs, autos, and crops. Another thunderstorm dropped 1 inch hail in Gate City in Scott County at 1705EST.</p>									

45 WASHINGTON

Puget Sound Basin	2	1700PST			0	?	4	0	Wind
<p>A springtime squall line developed over southwestern Washington and rapidly intensified as it moved north over the length of Puget Sound. Wind gusts in the 50 to 60 mph range were common and there was a recorded gust over 70 mph at the height of the storm. Boats were pulled from their moorings and almost everything less than 18 feet capsized. Two wind surfers tossed into the rough waters were rescued by a 15 year old in a motor boat. A weekly sailboat race was in progress with more than 50 ships entered. Nearly all of the ships, which ranged up to 36 feet, were reported capsized.</p>									

46 WEST VIRGINIA

Raleigh County	15	1815EST			0	0	0	0	Hail, Heavy Rain
<p>Nickel-sized hail was reported by residents in the town of Bolt in western Raleigh County. Heavy rains caused some flooding in low lying areas of Beckley.</p>									
Jackson and Mason Counties	15	Evening			0	0	5	?	Flash Flooding
<p>Isolated heavy thunderstorms produced 5.55 inches of rain during a 6 hour period. One house trailer was washed off its foundation. Numerous roads were closed. Extensive damage occurred to area businesses from flooding.</p>									
Preston, Grant, and Monongalia Counties	30	Evening			0	0	4	?	Thunderstorm, Heavy Rain, Lightning
<p>Heavy thunderstorms accompanied by heavy rain moved across north-central West Virginia. A two-story dwelling was struck by lightning and received \$4,000 damage. An entire mobile home park was evacuated due to high water. There were numerous reports of tree damage, power outages, and roadways covered with water.</p>									

47 WISCONSIN

Northwest Counties	04	1120-1900 CST			0	0	0	5	Lightning
<p>Lightning from dry thunderstorms ignited 33 wildland fires over 12 counties in Northwest Wisconsin. Over 900 acres of forest burned, with the largest fire scorching 415 acres from Casey Creek Flowage, across the Namekagon River to the Stuntz Brook near Minong in Washburn County. In summary, 2 fires burning 2 acres were reported over Ashland, Bayfield, Douglas, and Iron Counties, 20 fires burned 730 acres over Barron, Burnett, Polk, and Washburn Counties, 11 fires blackened 193 acres over Price, Rusk, Sawyer and Taylor Counties.</p>									
Oneida County	09	1925CST			0	0	0	0	Thunderstorm Winds, Hail
<p>A severe thunderstorm produced wind gusts to 60 mph and nickel size hail at Minocqua.</p>									

— WISCONSIN

Polk County	10	2335CST			0	0	4	0	Lightning
<p>Lightning struck a hilltop home near Deer Lake, 4E of St. Croix Falls. The resulting fire extensively damaged the house.</p>									
Pierce County	11	1810CST			0	0	?	0	Thunderstorm Winds
<p>Winds gusting to 70 mph in a thunderstorm were reported in Bay City.</p>									
Dunn County	11	1840CST			0	0	4	3	Thunderstorm Winds
<p>Strong thunderstorm winds caused \$40,000 in property damage and ruined 300 acres of crops 4W and 3E of Menomonie.</p>									
Crawford County	11	1855CST			0	0	?	0	Thunderstorm Winds, Funnel Clouds
<p>Dangerous thunderstorms produced numerous funnel clouds NE of Ferryville, with some minor damage to several roofs occurring from thunderstorm winds.</p>									
Rock County	11	2230-2300 CST			0	0	4	?	Thunderstorm Winds
<p>Intense thunderstorm winds downed trees and blew in 5 windows of a residence 2W of Evansville. Several large trees were knocked down 2NE of Janesville. Downburst winds lasting about 1 mile damaged 2 homes, 25 trees, a windmill/TV tower, a 3000 bushel oats bin, and 2 sheds 4SE of Milton.</p>									
Waushara County	11	2230CST			0	0	4	0	Lightning
<p>Fire ignited by lightning destroyed a home near Hancock.</p>									
Green Lake County	11	2310CST	2.0	200	0	1	6	?	Tornado F1
<p>A tornado touched down on the east side of Markesan. A teenage girl was injured when winds tossed her back from a window she was closing. The damage began 1/2W of the airport and ended at the extreme east-central portion of the city. \$500,000 in damage occurred to 12 homes, 2 businesses, and a large plastics factory. 80 large trees and numerous small trees were felled.</p>									
Fond du Lac County	11	2336CST	0.1	50	0	0	5	3	Tornado F1
<p>A small tornado touched down briefly on a farm 3NE of Ripon, causing over \$100,000 damage to a grain setup, 2 pole sheds and a home.</p>									
Jefferson County	11	2340CST			0	0	5	0	Thunderstorm Winds
<p>High thunderstorm winds destroyed a 32 X 64 foot pole shed and damaged a corn picker 5SW of Fort Atkinson.</p>									
Waukesha County	12	0015CST			0	0	0	?	Thunderstorm Winds
<p>Several large trees and some power lines were downed due to very strong thunderstorm winds in Oconomowoc.</p>									
Lafayette County	12	1600-1620 CST			0	0	4	0	Thunderstorm Winds
<p>Intense thunderstorm winds gusted to 70 mph near Argyle, downed a garage at Shullsburg, and blew trees and power lines down near Lamont and Darlington.</p>									
Richland County	14	1655CST			0	0	0	0	Hail
<p>3/4 inch diameter hail from a severe thunderstorm fell at Richland Center.</p>									
Pierce County	14	1730CST			0	0	5	2	Thunderstorm Winds
<p>Over \$75,000 in damage was caused by high thunderstorm winds to a body shop, 2 farm buildings, some farm machinery, hay and some vehicles near Black River Falls.</p>									

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— WISCONSIN									
Dunn County	14	1845-1915 CST			0	0	5	?	Thunderstorm Winds
Severe thunderstorm winds damaged 3 sheds, 2 barns and 1 home SW of Menomonie; downed trees and power lines near Rock Falls and leveled a pole shed IE of Cedar Falls.									
Polk County	14	1900CST			0	0	0	?	Thunderstorm Winds
Over 20 oak trees were uprooted by thunderstorm winds near Black Brook Dam and Bear Trap Lake, 2W of Amery.									
Rock County	14	2000CST			0	0	0	0	Thunderstorm Winds
70 mph winds gusted from a severe thunderstorm in Beloit.									
Marathon County	19	1630CST			0	0	?	?	Hail
Hail up to 1 1/4 inch in diameter fell from a heavy thunderstorm in Mausau.									
Oconto County	19	1830CST			0	0	?	?	Hail
Golf ball size hail was produced by a severe thunderstorm at Oconto Falls.									
Jackson County	19	1850CST			0	0	3	?	Hail
Hail from an intense thunderstorm up to 3/4 inches in diameter covered the ground and dented cars near Taylor.									
Chippewa County	26	0030CST			0	0	5	?	Hail
An intense thunderstorm dropped hail up to golf ball size IN of Bloomer. The hailstorm resulted in over \$100,000 damage to 79 trailers and campers at a sales lot.									
Fond du Lac County	26	1320-1330 CST			0	0	5	?	Thunderstorm Winds, Funnel Cloud
A severe thunderstorm produced a funnel cloud at Lake Denevue. Downburst winds caused damage along a 1 mile path and blew a roof off a house, leveled a shed, pushed a truck into a garage, and lifted a backyard swimming pool, allowing 22,000 gallons of water to escape.									
Dodge County	26	1356-1405 CST			0	0	0	0	Hail
Golf ball size hail fell from a severe thunderstorm near Horicon.									
Iowa County	26	1400CST			2	0	0	0	Lightning
Lightning struck an aluminum canoe on Twin Valley Lake and killed two men.									
Dane County	26	1458-1512 CST			0	0	0	?	Hail
An intense thunderstorm produced golf ball size hail at Marshall and 3/4 inch diameter hail at Sun Prairie.									
Dane County	26	1556-1620 CST			0	0	0	?	Hail
1 inch diameter hail was deposited by a severe thunderstorm 2E of Verona and 3/4 inch hail fell at Oregon.									
Lafayette, Green and Rock Counties	26	1600-1645 CST			0	0	5	?	Thunderstorm Winds
Thunderstorm downburst winds up to 70 mph carved a 28 mile path of damage from Blanchardville to Postville to Monticello to Evansville. Damage occurred to large trees, power lines, a glassed-in porch, a barn being pushed off its foundation, several mobile homes, a fertilizer tank, and a pig feeder.									
Waukesha County	26	1643CST			0	0	0	?	Hail
3/4 inch diameter hail from a heavy thunderstorm fell in Waukesha.									

— WISCONSIN									
Rock County	26	1701CST			0	0	?	?	Thunderstorm Winds
A thunderstorm produced a wind gust of 63 mph at Janesville.									
Sauk County	26	1741CST			0	0	0	?	Hail
A thunderstorm deposited 1 inch diameter hail at Prairie du Sac.									
Racine County	26	1745-1801 CST	0.25	30	0	0	3	?	Tornado F0, Hail
A small tornado touched down in open country 1NE of Rochester. 3/4 inch hail was reported at Union Grove.									
Pierce County	30	1620-1650 CST			0	0	5	5	Thunderstorm Winds, Hail
A severe thunderstorm with strong winds pelted a 15 mile area from Hager City to Bay City to Maiden Rock with hail up to golf ball size. Numerous vehicles and campers were damaged by the hail. Paint was stripped from house siding, and roof and shingle damage occurred to many homes and mobile homes. 4,000 acres of crops were also affected by the hail.									
Polk County	30	2200CST			0	0	3	3	Thunderstorm Winds
Several large pine trees were uprooted onto 2 homes on Big Blake Lake.									
Grant County	30	2200-2245 CST	11.0	1500	0	2	6	5	Tornado F2, Thunderstorm Winds
A tornado crossed the Mississippi River near Bagley and carved out an 11 mile path of destruction from Bagley to south of Patch Grove to north of Bloomington to 2S of Mt. Hope. An elderly woman and her son were injured 1NE of Bagley when their farmhouse was leveled by the tornado. Nearly \$2 million in damage occurred to 17 homes and 45 farm buildings. Numerous trees, including a 100 year old stand of pine trees, were leveled or twisted. The tornado then lifted south of Mt. Hope, but damaging thunderstorm winds continued over the townships of North Lancaster and Liberty as well as the town of Stitzer.									
The total path length in Iowa and Wisconsin was 33 miles. The maximum F scale (F3) was in Iowa (see Iowa report).									
Grant and Iowa Counties	30	2250-2330 CST	16.0	500	0	0	5	4	Tornado F2
A tornado touched down 1NW of Livingston in Grant County and tracked just south of Cobb and north of Linden in Iowa County before lifting over Governor Dodge State Park 2N of Dodgeville. The tornado caused \$80,000 damage at the Springdale farms and \$25,000 damage to a home and shed, all just north of Livingston. In Iowa County, 6 farms and homes were damaged to the tune of \$200,000. Numerous trees and utility lines were downed and extensive crop damage was reported.									
Dane County	30	2320-2355 CST	18.0	100	0	0	5	4	Tornado F2
A tornado skipped along an 18 mile track from 1/2E of Daleyville to Mt. Vernon to just north of Paoli to 2NW of Oregon. 8 farms and residences were extensively damaged, mainly near Mt. Vernon. 3 steers were killed, trees and power lines downed and debris was scattered over fields 1/4 mile away.									
Barron and Chippewa Counties	30	2330CST	3.0	100	0	0	5	3	Tornado F1
A small tornado blew down several barns and garages and damaged other buildings, as well as leveling many trees from 3/4SW of Chetek to 6NE of New Auburn.									
Rusk County	30	2345CST			0	0	4	3	Thunderstorm Winds
Intense thunderstorm winds destroyed a garage, damaged a barn and home and felled several trees 2 1/2S of Meyerhaeuser.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1985

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	

WISCONSIN

South and Eastern Counties	31 0900-1500 CST		0	2	4	5	High Winds
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An intense low pressure system generated strong surface winds which gusted to 63 mph over much of south and east Wisconsin. The winds stripped tons of topsoil from fields and turned it into a fine blowing dust which reduced visibilities. Severe agricultural damage was noted in Walworth County in the Turtle Valley area where 400 acres of mint and 80 acres of carrots were affected. Numerous trees were toppled and extensive limb damage was reported. 45 large trees were felled in Milwaukee County's forestry districts. Power lines snapped, affecting over 10,000 people, and several windows were shattered. 2 people were slightly injured at State Fair Park in West Allis when they were struck by wind tossed planks from a grandstand.

48 WYOMING

Goshen County	06 1640MST 35 UNKN		0	0	?	?	Tornado (FO)
A tornado, initially reported by the Air Force east of Slater, moved northeast through the south half of Goshen County.							
Laramie County	07 Afternoon		0	0	?	?	Hail, Rain
An accumulation of small hail covered the ground, and 1 1/2" of rain did minor damage to crops south and west of Pine Bluffs in the southeast corner of Laramie County.							
Crook County	10 1730MST 1 15-35		0	0	3	0	Tornado (Fl)
A tornado demolished a small pig shed and came to within 100 feet of a ranch house. The tornado briefly lifted a cow into the air, shortly before dissipating. The cow was uninjured.							
Laramie County	20 1400MST		0	0	?	?	Hail
A one-mile wide swath of golfball diameter hail was reported by the public about 10 miles east of Cheyenne.							
Lander, Fremont County	26 1425MST		0	0	?	?	High Wind
A thunderstorm wind gust to 64 mph was logged at the Lander Airport.							
Redbird, Niobrara County	27 1800MST		0	0	?	?	Hail
Hail 1 3/4 inches in diameter was reported near Redbird in north-east Niobrara County.							

49 ALASKA, Northern — NO REPORT RECEIVED

49 ALASKA, Southern — NO REPORT RECEIVED

49 ALASKA, Southeastern — NONE REPORTED

50 HAWAII

Oahu	6 Morning		0	0	4	0	Flash Flooding
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A north/south line of heavy thunderstorms moved eastward through the island chain, bringing heavy rain and minor flash flooding to many windward and mountain areas. Between 8 and 10 inches of rain fell in a few hours, mostly between 2 and 4 AM, over Oahu's Koolau Mountains. There were many rock and mud slides which delayed traffic, but generally the rains were much appreciated due to the low water levels in the reservoirs. The rain waters also caused an electrical transformer to explode at Castle High School in Kaneohe, closing the school for a day.

51 PUERTO RICO

Islandwide	15-18		1	2	7°	C	Heavy Rains, Flooding
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A stationary upper level trough over the western portion of the Caribbean generated heavy rains and flash flooding over a four day period of 15 thru 18 May. Rainfall amounts for the period totalled about 25 inches in the western interior and in the order of 14 inches over the eastern interior, lowering to around 4 inches along the coasts. Several rainfall recording stations registered nearly 4 inches in an hour and 7 inches in 3 hours. The most significant flooding occurred in the Rio Grande de Arcebo, Rio Tanama, Rio Grande de Manati, Upper Rio Grande de Loiza, Rio Cibuco, Rio de la Plata and Rio Añasco basins. Some of the hardest hit towns were Manati, Arcebo, Barceloneta, Jayuya and Utuado. One death occurred when a man, 42 years old was swept into the Rio Grande de Manati while watching the river rising in the town of Jayuya. Only two serious injuries occurred, one in Arcebo and one in Orocovis. About 3500 to 4000 persons were evacuated in the affected towns. Numerous landslides occurred in the interior sections with two homes destroyed in Jayuya and four in Utuado. A number of landslides also occurred in Orocovis - Mata de Caña sector, Adjuntas in the Lagrimas Sector, and along routes leading from Lares to Las Marias in the west. The town of Orocovis was flooded in the central section by the Orocovis River, affecting a number of stores and houses along the main street area. Nearly all of Barceloneta was under two to three feet of water, along with sections of Arcebo, Toa Alta, Toa Baja, Dorado, Canovanas and Carolina. In the south, the most affected towns were Guayanilla and Guanica where the Barrio Macana bridge was washed away. In the west near Mayaguez, La Boquilla bridge was destroyed in the La Mora sector. In Añasco, 60 families were evacuated as Rio Añasco flooded several areas of the town. Heavy damage was sustained by the coffee and citrus areas, as well as other minor crops in agricultural sectors of the island.

52 VIRGIN ISLANDS — NONE REPORTED

53 PACIFIC — NONE REPORTED

STORM SUMMARY

MAY 1985

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		DEATHS	INJURIES	DAMAGE				
								PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS			PROP. ERTY	CROPS	PROP. ERTY	CROPS	
Alabama	2	1			5			? ?			5	?	1	6																						
Arizona											5																									
Arkansas	2	2			4			3 ?		1	5	?			1	1	5	?																		
California											4																									
Colorado	5	3						4 5		8	4		1	2	4																					
Connecticut												3																								
Delaware																																				
Florida	5	4			5			6 ?			5	?	1																							
Georgia								4 6			4																									
Idaho	1	1			4																															
Illinois	1	1			3	14	7	4	1	26	6	4																								
Indiana	1	1			2		4	3		4	5																									
Iowa	7	4	2	29	7		5	6		2	6	5	1	1	5																					
Kansas	6	2		1	6		6	7		2	5																									
Kentucky							4	3			4	2	1																							
Louisiana	1	1			4			? ?	2	7	5	?																								
Maine											4																									
Maryland & DC											5																									
Massachusetts											3																									
Michigan	3	3			3			3 C	1	1	5	C		1	3																				4	
Minnesota	7	5			1		4	4			5		1	6	4																					
Mississippi	6	2			1		? ?	? ?		11	6	?																								
Missouri	7	4	5	5	6		6	?			5	?	1	5																						
Montana	2	1			4		3	5			3	2																								
Nebraska	14	7			7		6	6			7	6																								
Nevada																																				
New Hampshire																																				
New Jersey #																																				
New Mexico	1	1			5				5																											
New York #																																				
North Carolina	2	2			6		5	6	1	3	6	5																								
North Dakota	10	3			5		0	C			4	?																								
Ohio	12	2	11	340	8		5	6			5		21																							
Oklahoma	6	4			3		?	?			1	4	?	1	4																				2	
Oregon											1	3																								
Pennsylvania	20	1	63	498	8			?	?		5	4																								
Rhode Island																																				
South Carolina								5	5		4	2																								
South Dakota	28	4			2		?	?			5		1																							
Tennessee											3																									
Texas	28	10			47	6		7	6		5	6	5	1	2	5																				
Utah											4																									
Vermont																																				
Virginia								4	4																											
Washington											?	4																								
West Virginia																																				
Wisconsin	7	3			3	6		5	5		2	5	5	2		5																				
Wyoming	2	2			3			?	?		?	?																								
Alaska #																																				
Hawaii																																				
Pacific																																				
Puerto Rico																																				
Virgin Islands																																				

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.

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



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