

STORM DATA



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE NORTH CAROLINA" 28801

Kenneth D. Hadden

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

Support for this publication is provided in part by the Office of Naval Research, Marine Meteorology Program, Dr. Robert F. Abbey, Jr., Director.

Extensive data collection efforts are provided by the National Weather Service.

C O N T E N T S

Cover: A strong single-vortex tornado approaches Saragosa, Texas on the evening of May 22, 1987. The twister became a large, multiple vortex tornado with F4 intensity winds as it essentially wiped the small community off the map, killing 30 people and injuring 121 in the process (see TORNADO at SARAGOSA, TEXAS; pages 18 through 22). ---Photo by Justice of the Peace Carrasco, of Saragosa; and supplied by the NWSFO at Lubbock, Texas.
Inset: A small child helps in the cleanup effort. ---Photo from the Pecos Enterprise, Pecos, Texas.

	<u>Page</u>
Outstanding Storms of the Month.....	3
Storm Data and Unusual Weather Phenomena.....	23
Map.....	65
Storm Summary.....	66
Reference Notes.....	68
"F" Scale Definitions.....	68

STORM DATA (ISSN 0039-1972)

The section on Outstanding Storms of the Month is prepared by Professor T. Theodore Fujita, editor, and Duane J. Stiegler, associate editor, the University of Chicago with funding by the U. S. Office of Naval Research. The Storm Data and Unusual Weather Phenomena narratives, and summaries of Hurricanes/Tropical Storms are prepared by the National Weather Service. The National Climatic Data Center compiles statistics on deaths, injuries, damage, and prepares the annual summaries of Tornadoes and Lightning. 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. Maps of zones used in the Storm Data and Unusual Weather Phenomena will be published in these editions; Eastern States: JAN, APR, JUL, OCT.
Central States: FEB, MAY, AUG, NOV.
Western States: MAR, JUN, SEP, DEC.

Storm Data is published monthly by the National Climatic Data Center.

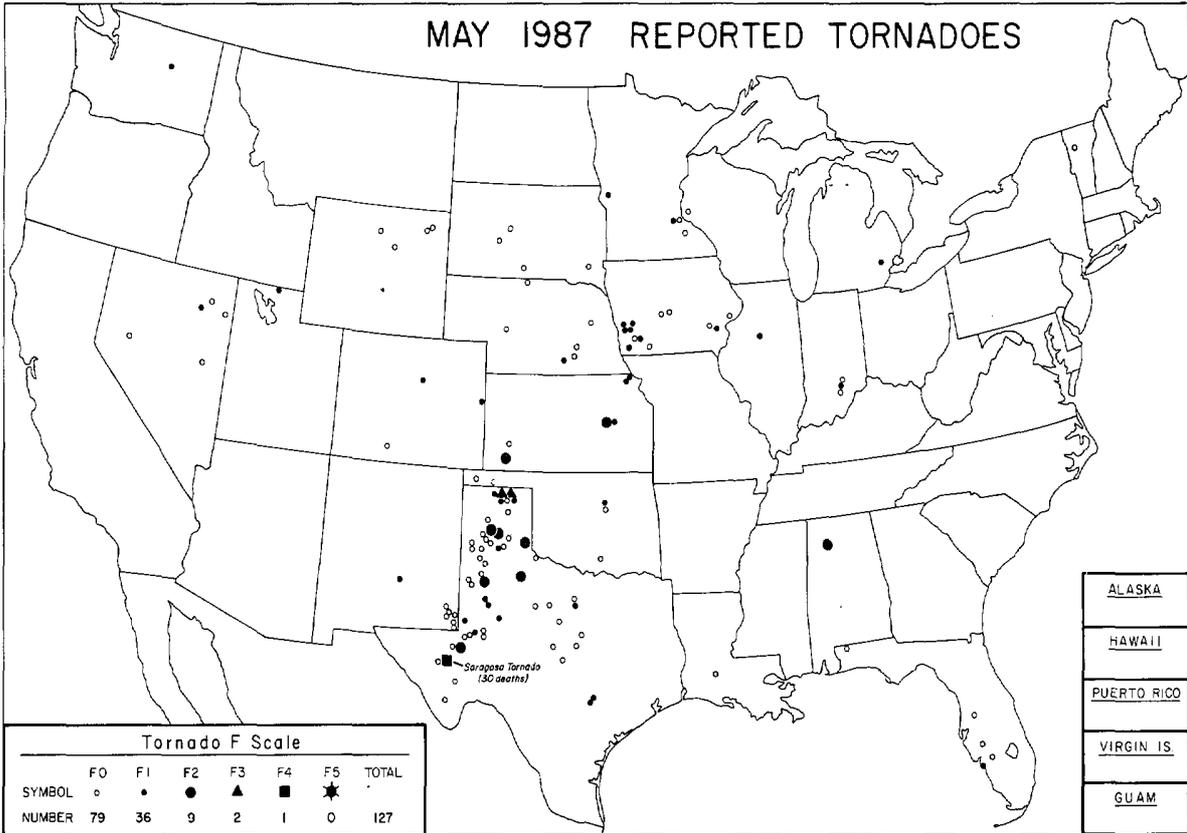
Publication Staff

J. D. Ziemianski	S. C. Lackey
Supervisory Meteorological Technician	Editorial Clerk

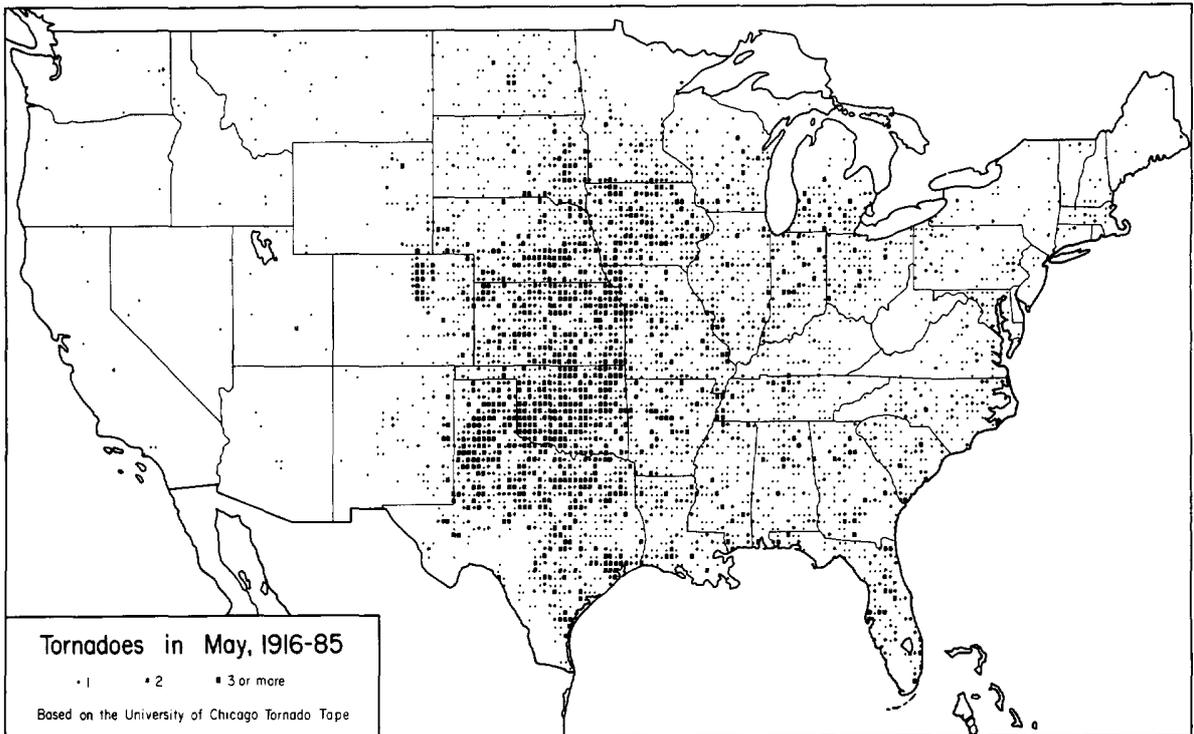
Subscription, pricing, and ordering information is available from:

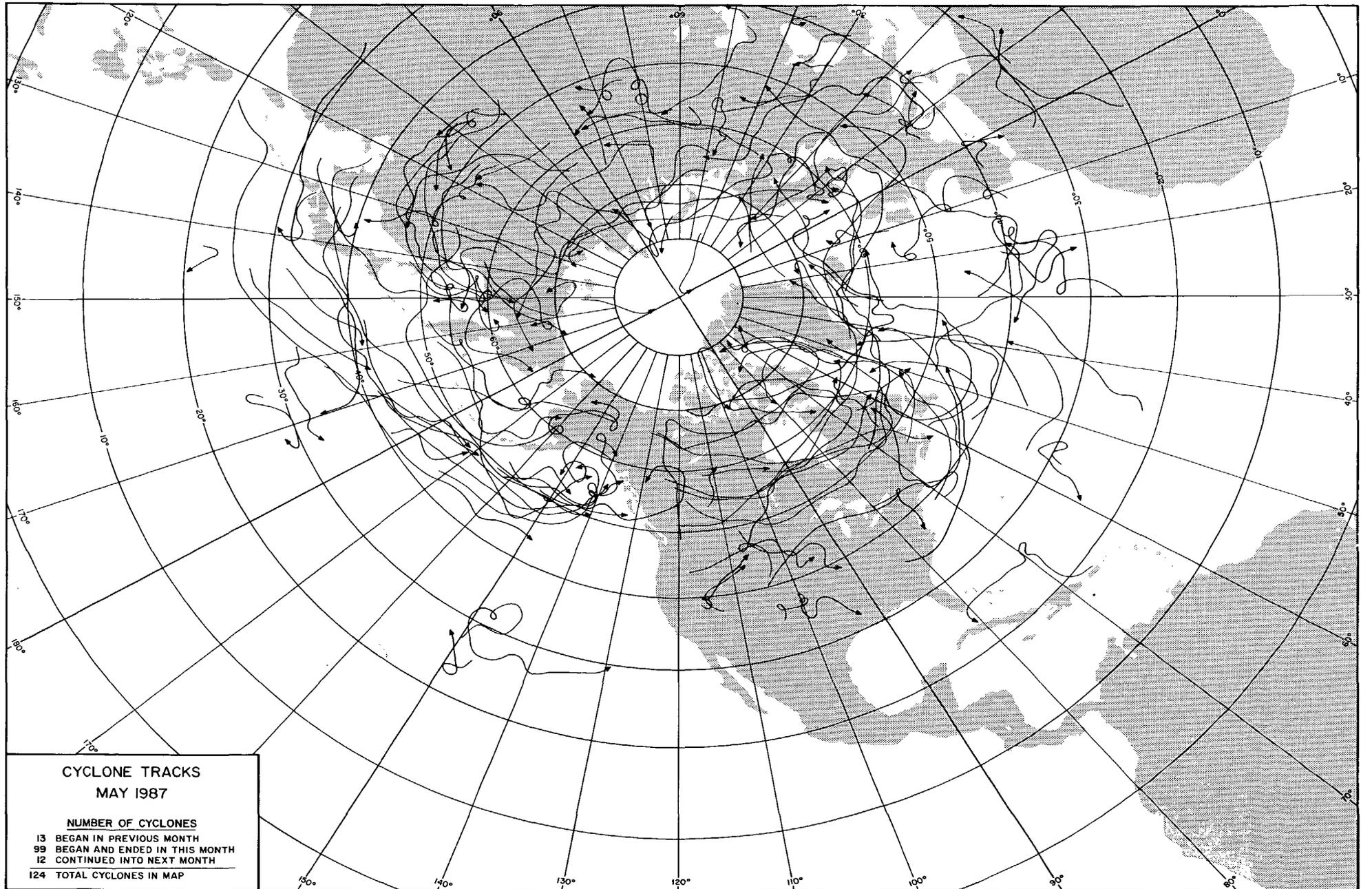
National Climatic Data Center
Federal Building
Asheville, NC 28801-2696

OUTSTANDING STORMS OF THE MONTH



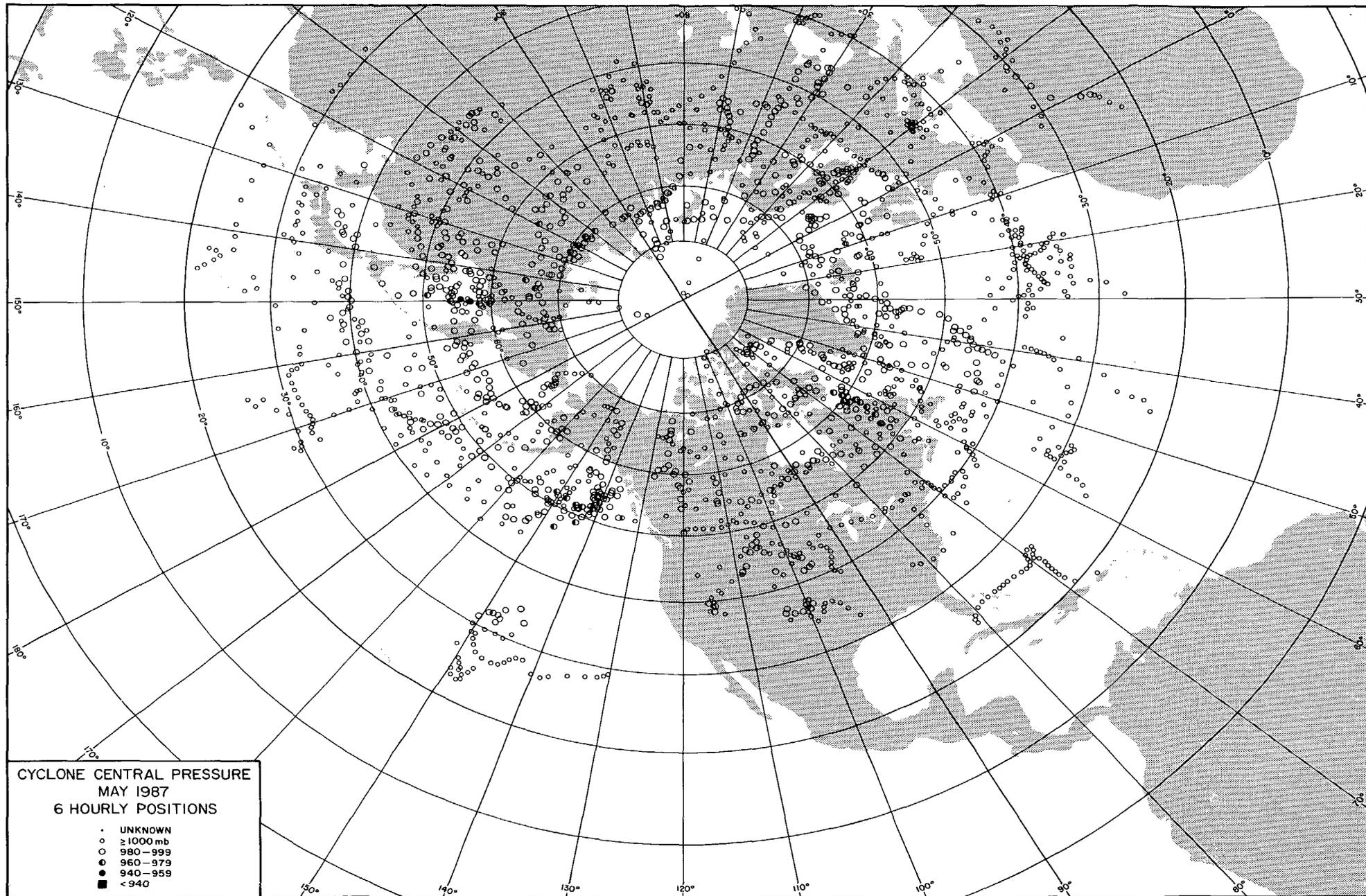
<ul style="list-style-type: none"> ● COMPLETE REPORT RECEIVED ○ PRELIMINARY REPORT RECEIVED ○ REPORT NOT RECEIVED <p>(N) northern (W) western (S) southern (C) central (E) eastern (O) coastal (SE) southeastern</p>	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>● 1AL</td><td>● 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>● 25HE</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>● 26NY</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> </tbody> </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	● 25HE	● 30NY(W)	● 36PA(W)	● 41TX(W)	● 48WY	● 53PC	● 5CO	● 12IN	● 19MA	● 26NY	● 31NC	● 37RI	● 42UT	○ 49AK(N)		● 6CT	● 13IA	● 20MI	○ 27NH	● 32ND	● 38SC	● 43VT	● 49AK(S)	
● 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	● 25HE	● 30NY(W)	● 36PA(W)	● 41TX(W)	● 48WY	● 53PC																																																								
● 5CO	● 12IN	● 19MA	● 26NY	● 31NC	● 37RI	● 42UT	○ 49AK(N)																																																									
● 6CT	● 13IA	● 20MI	○ 27NH	● 32ND	● 38SC	● 43VT	● 49AK(S)																																																									





Missing data: Eurasian continent area only, 06GMT, May 18 through 00GMT, May 22

Mapped at the University of Chicago from NMC, 6-hourly surface maps



CYCLONE CENTRAL PRESSURE
MAY 1987
6 HOURLY POSITIONS

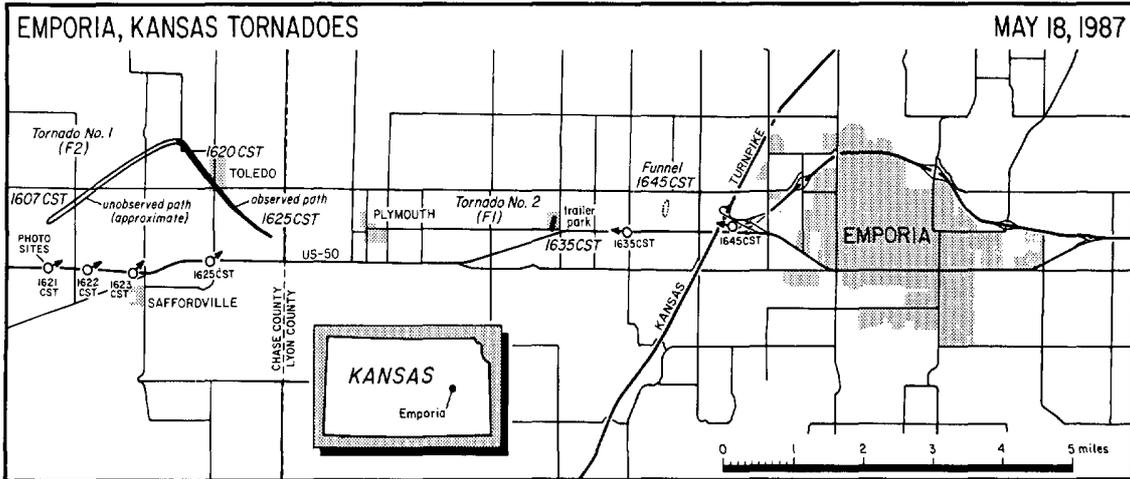
- UNKNOWN
- ≥ 1000 mb
- 980-999
- 960-979
- 940-959
- < 940

Missing data: Eurasian continent area only, 06GMT, May 18 through 00GMT, May 22

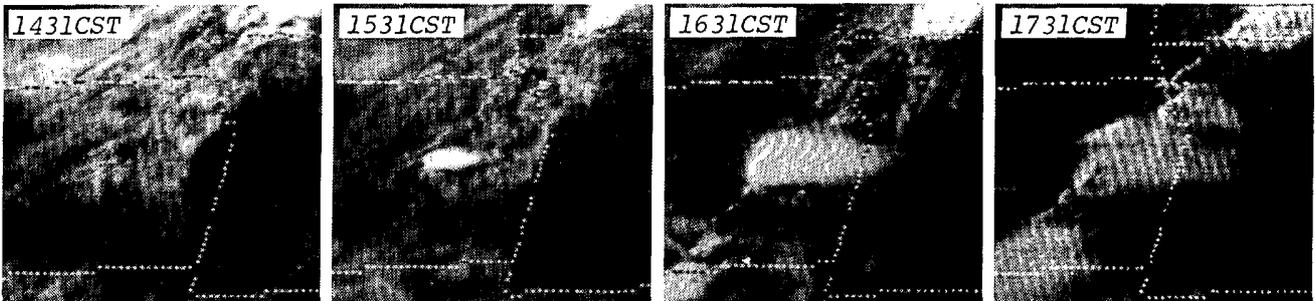
Mapped at the University of Chicago from NMC, 6-hourly surface maps

1. TORNADOES at EMPORIA, KANSAS on May 18, 1987

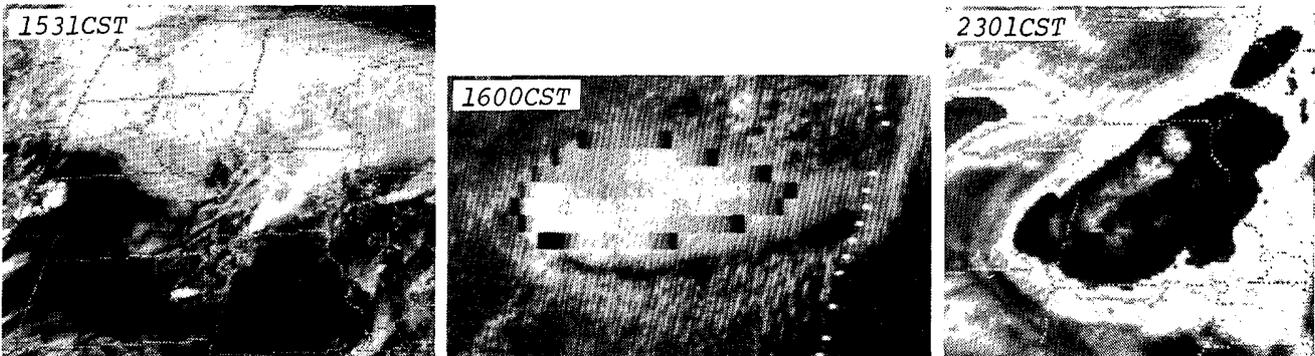
As a severe thunderstorm formed in east-central Kansas during the afternoon of May 18th, two confirmed tornadoes and at least 4 other funnels were reported from near the Chase-Lyon county line west of Emporia. The occurrences were spotted and monitored by many area residents, law enforcement personnel, Skywarn spotters, and at least one storm chaser who photographed the events. The first and strongest (F2) tornado moved through the Toledo community about 8 miles west of Emporia, causing major damage to 9 homes and 5 mobile homes. The second tornado reached F1 intensity as it made a brief touchdown in a trailer park 3 miles west of Emporia. It damaged 7 mobile homes and 2 other structures. This same trailer park incurred major damage and a death from a tornado in August, 1985; but neither of these two tornadoes caused any deaths or injuries



Paths of two tornadoes near Emporia, Kansas on May, 18, 1987, with times and locations of photos taken by storm chaser David Hoadley indicated. ---Map from David Hoadley, of Falls Church, Virginia.



Hourly, visible images from the GOES 6 satellite show the tornado-producing storm from its inception through its developing stage when the tornadoes were spawned.

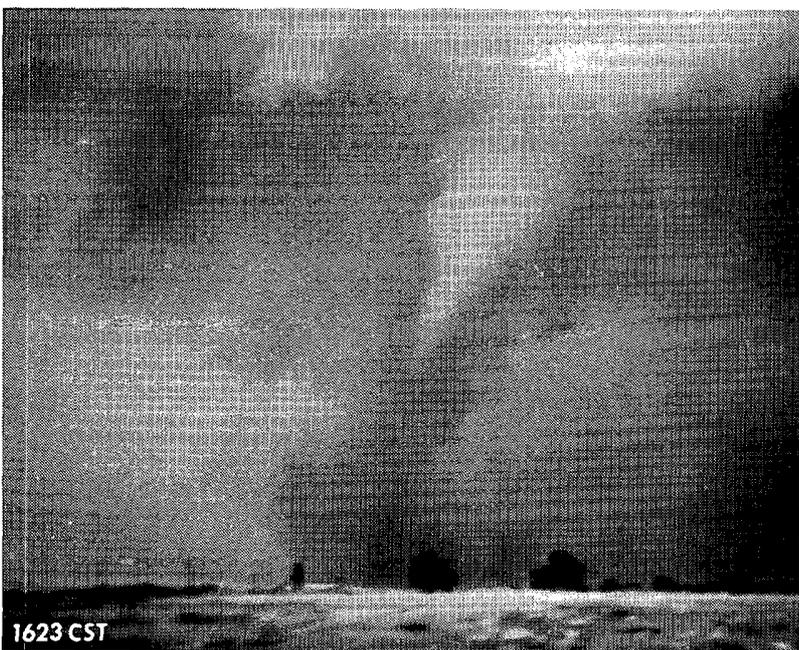
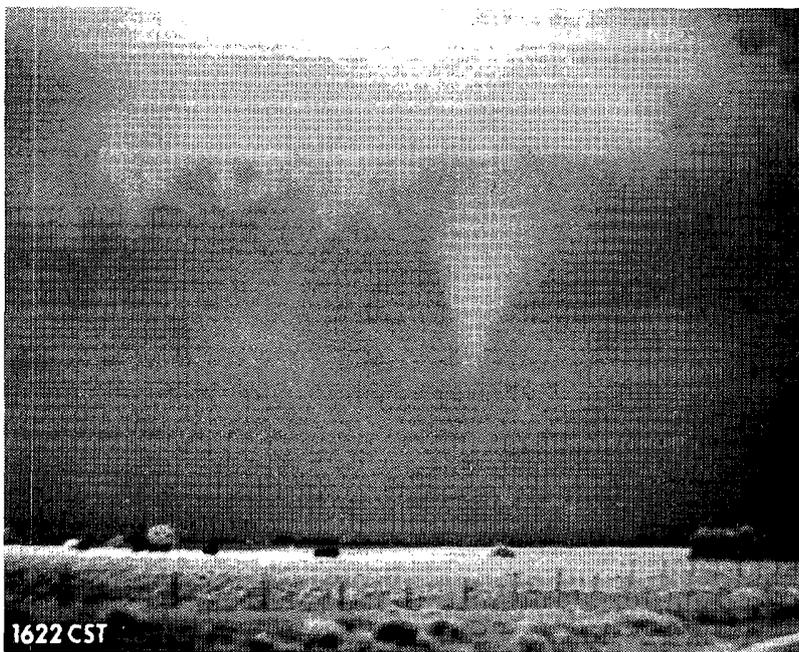


Additional satellite images show the storm in relation to its triggering, low pressure system (left), with infrared enhancement at the time tornado production began (middle), and after it had merged with other cells to form an MCC (mesoscale convective complex) over Missouri long after tornado and funnel production had ceased (right). ---All above images are from the GOES 6 satellite and are supplied by NESDIS.

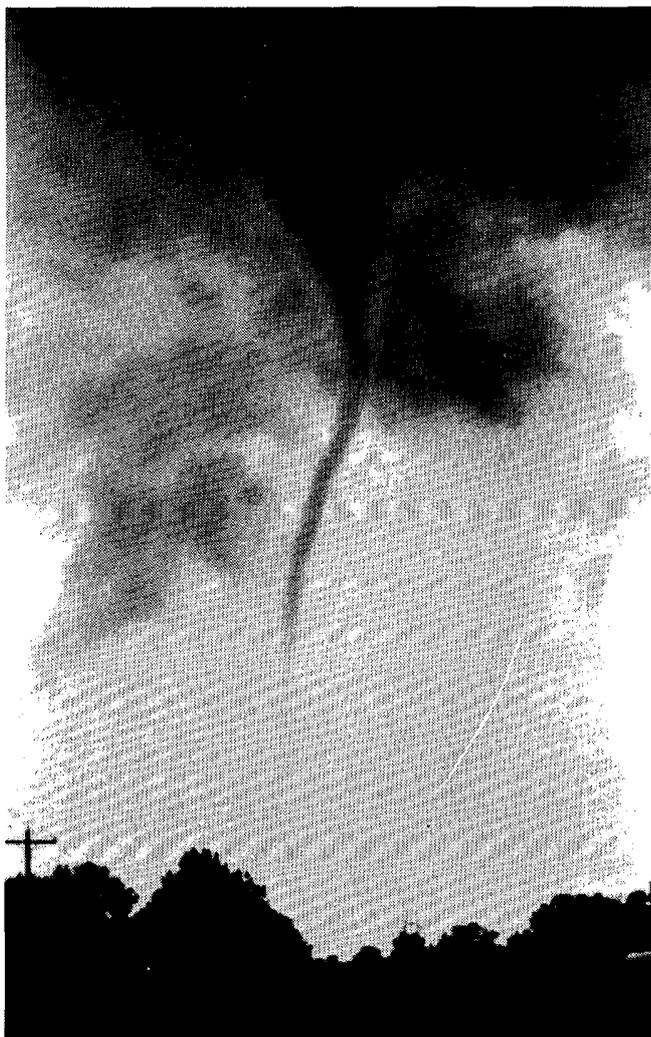
TORNADOES at EMPORIA, KANSAS ---- continued



Storm chaser David Hoadley took these four pictures of the first tornado at its mid life when he first observed it, as it moved through the Toledo community, and just prior to its demise. He was travelling eastbound on U.S. Highway 50 and took the photos facing northeast as the tornado was moving away from him and to his right (see corresponding positions in the map on the previous page). He caught up with the vortex and took his last photo of it from about a half mile away (below) shortly before it dissipated. ---All four photos by David Hoadley, of Falls Church, Virginia.



TORNADOES at EMPORIA, KANSAS ---- continued

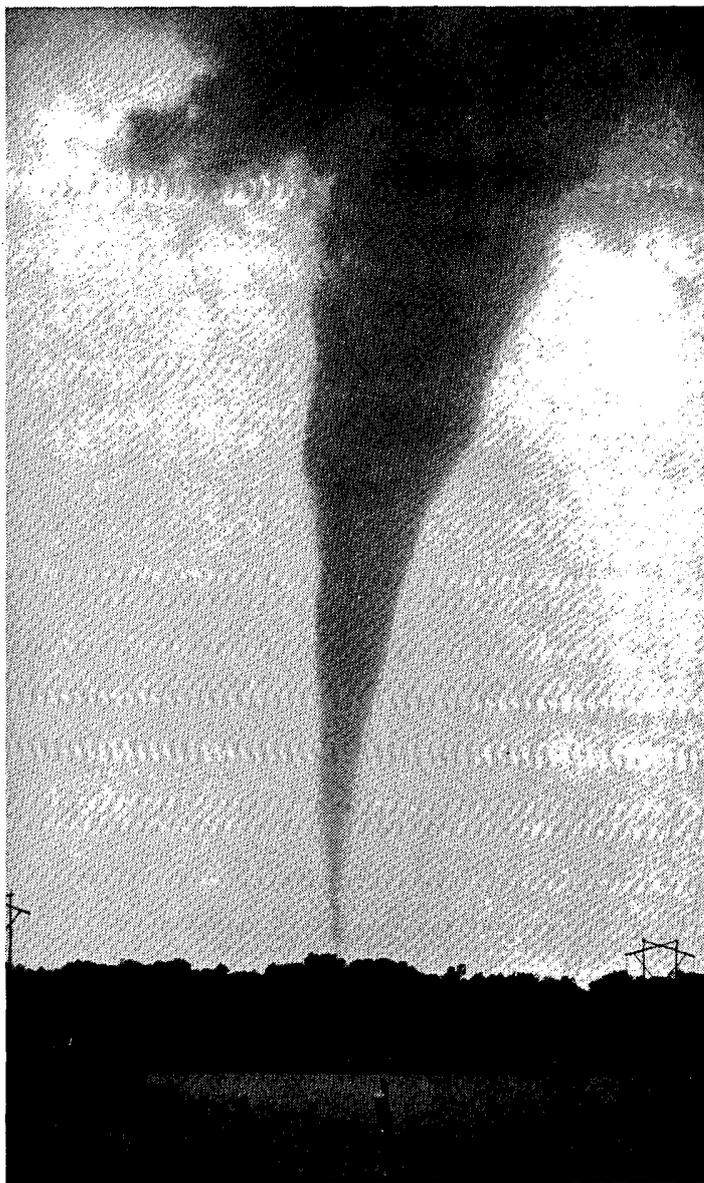


LEFT: The second of the two tornadoes as it made a brief touchdown at the Flint Hills Mobile Home Estates, 3 miles west of Emporia, at 1635CST. Although not visible in the picture, the photographer could see debris rotating at about 100 to 200 feet above the ground at the location of the trailer park. RIGHT: A funnel about 1 mile west of Emporia at 1645CST. Contact with the ground of this vortex could not be confirmed. ---Both photos by David Hoadley, of Falls Church, Virginia.



One of several funnels sighted in eastern Kansas on May 18th, this vortex was located 9 miles west-northwest of Gridley at 1818CST. The same funnel was again sighted 8 miles southwest of Gridley at 1825CST. ---Photo by David Hoadley, of Falls Church Virginia.

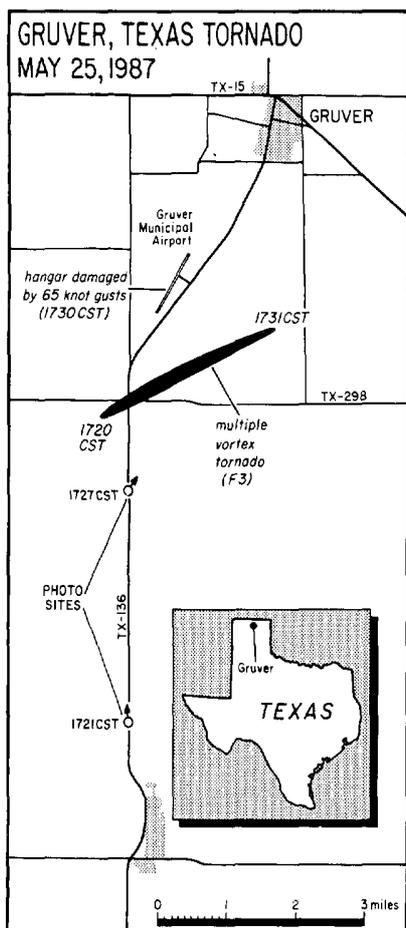
TORNADOES at EMPORIA, KANSAS ---- continued



RIGHT: The tornado that moved through the Toledo community in northeast Chase County, as seen from another angle. BELOW: A toledo resident inspects and videotapes the tornado-induced damage to his home. ---Both photos by Jeff Davis, The Emporia Gazette; and supplied by Steve Schurr, NWSFO at Topeka, Kansas.

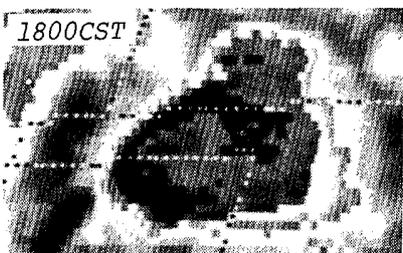
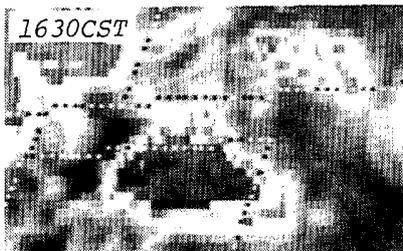


2. TORNADO at GRUVER, TEXAS on May 25, 1987

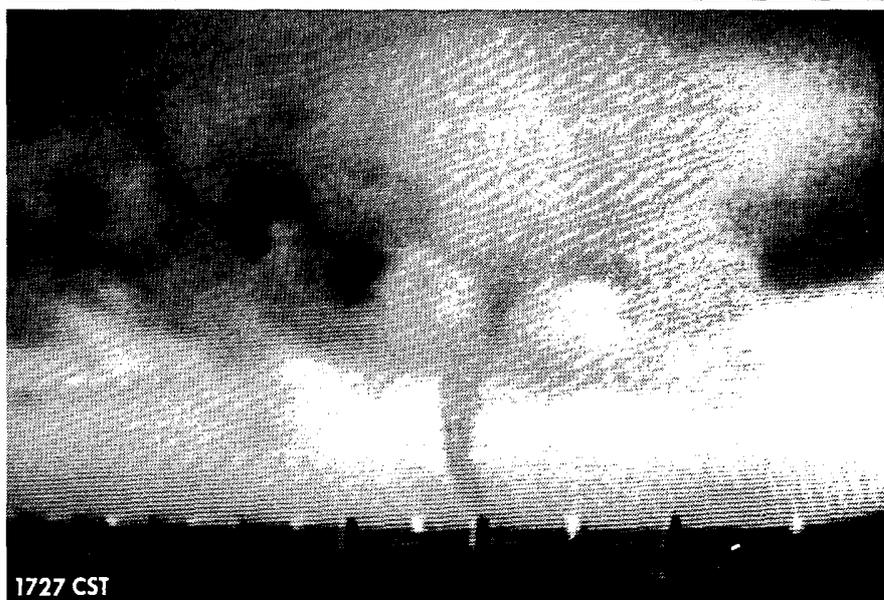


In the late afternoon of May 25th, a large, multiple vortex tornado touched down at 1720CST about 4 miles southwest of Gruver in the extreme north-central Texas Panhandle, and moved east-northeast through farm country, causing damage to outbuildings and trees. Even though little damage was done, the tornado was observed by many and rated as having F3 intensity (158-206 mph) winds. A video tape of the tornado showed that it first appeared as having a large conical funnel that quickly evolved into an even larger circulation that had no visible condensation funnel, an occurrence not uncommon for many dry region tornadoes of the West. Occasional subsidiary vorticies with visible funnels were spotted within the larger vortex thereafter.

Path of the tornado at Gruver, Texas, with photo locations and times indicated. ---Map from David Hoadley, of Falls Church, Virginia.



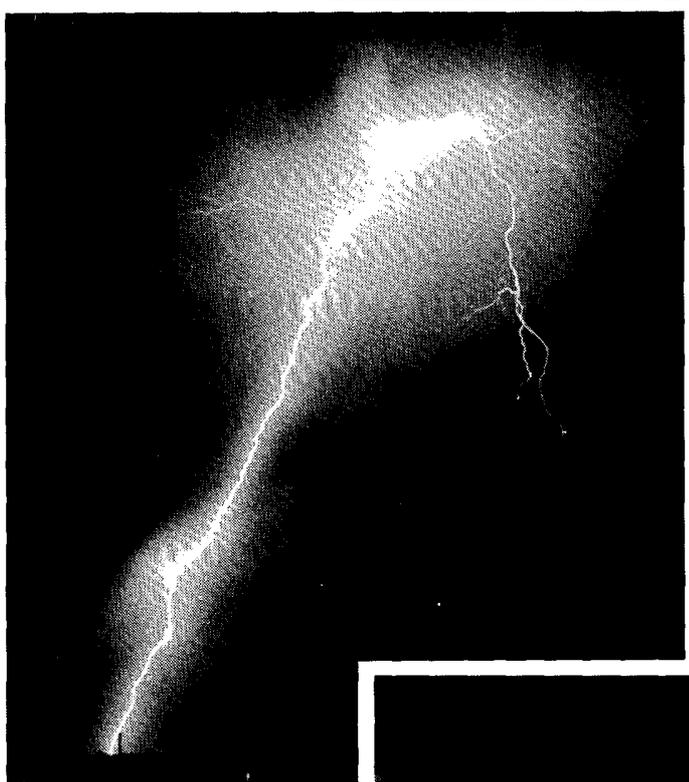
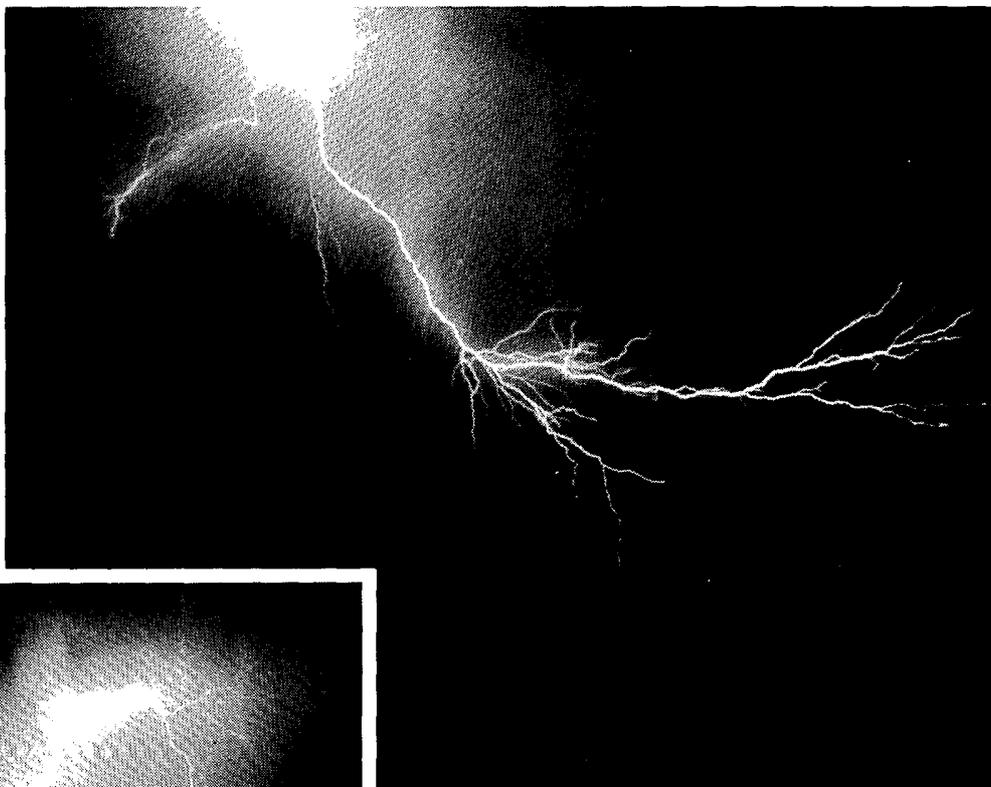
Infrared images from the GOES 6 satellite show the parent storm's growing cloud top exhibiting wake warming during and after the tornado's occurrence. ---Photos from NESDIS.



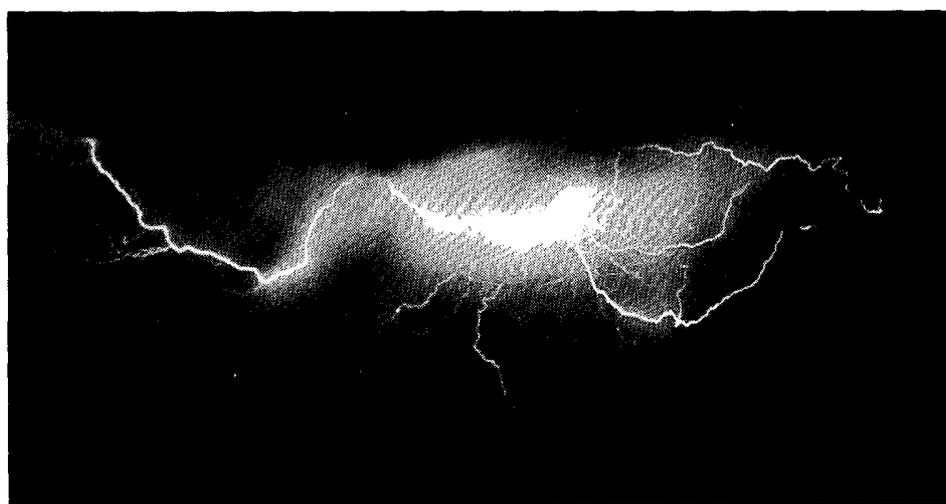
Two still frames from video of the tornado show its conical funnel at its start from about 3.5 miles to its south (top), and one of its subsidiary vorticies from only a mile away about 6 minutes later (bottom). Photo locations are shown in the map. ---Both photos from video tape by David Hoadley, of Falls Church, Virginia.

3. LIGHTNING during May, 1987

As is customary with the increase in vigorous thunderstorm activity each May, so too is there an increase in the fatalities, injuries, and damage brought on by lightning. May 1987 was no exception, as lightning caused at least 14 known deaths, 51 reported injuries, and countless dollars in damage. Following are examples of the vivid displays that lit the sky and, in many cases, jolted the ground during May, 1987.

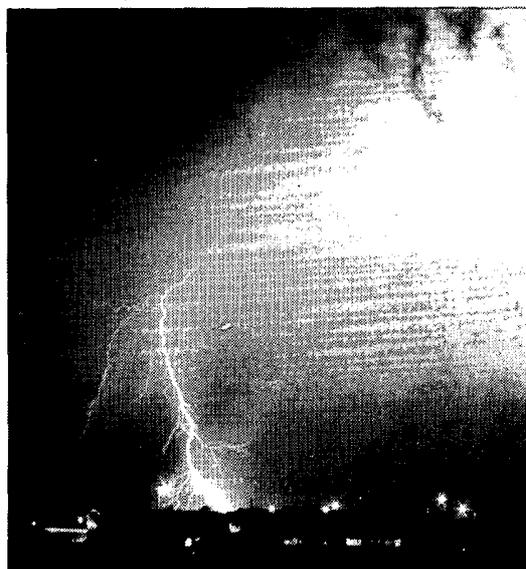
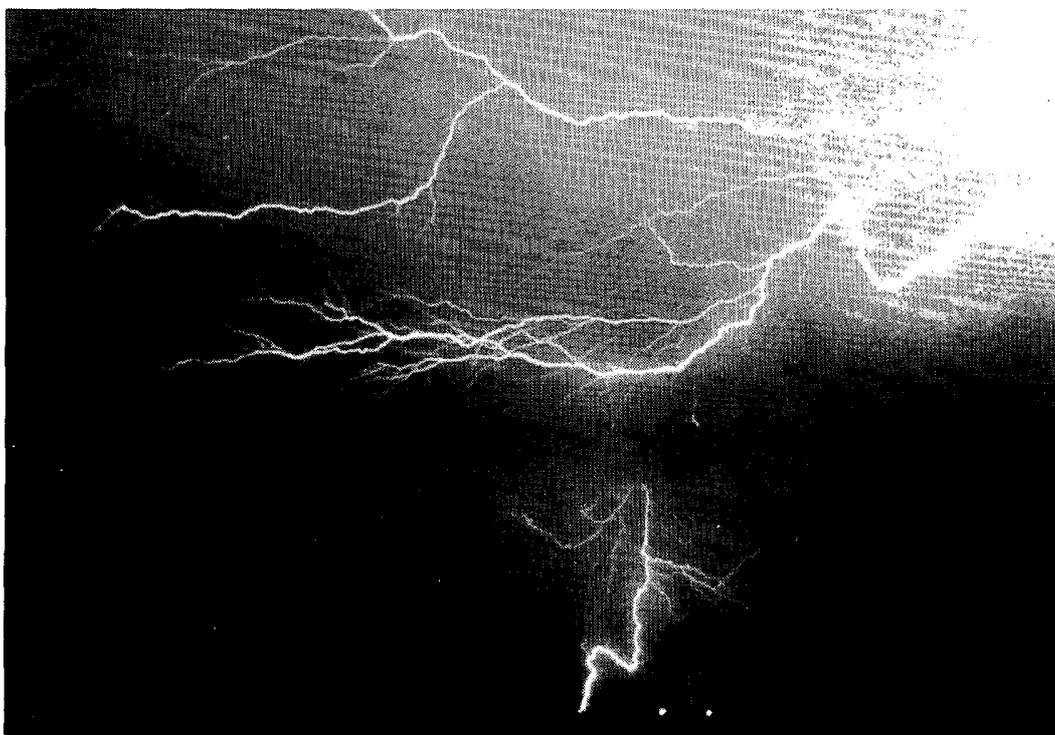
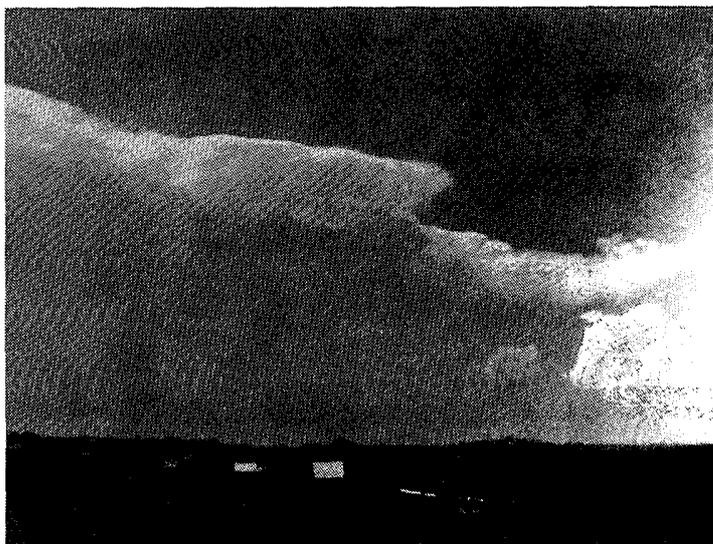


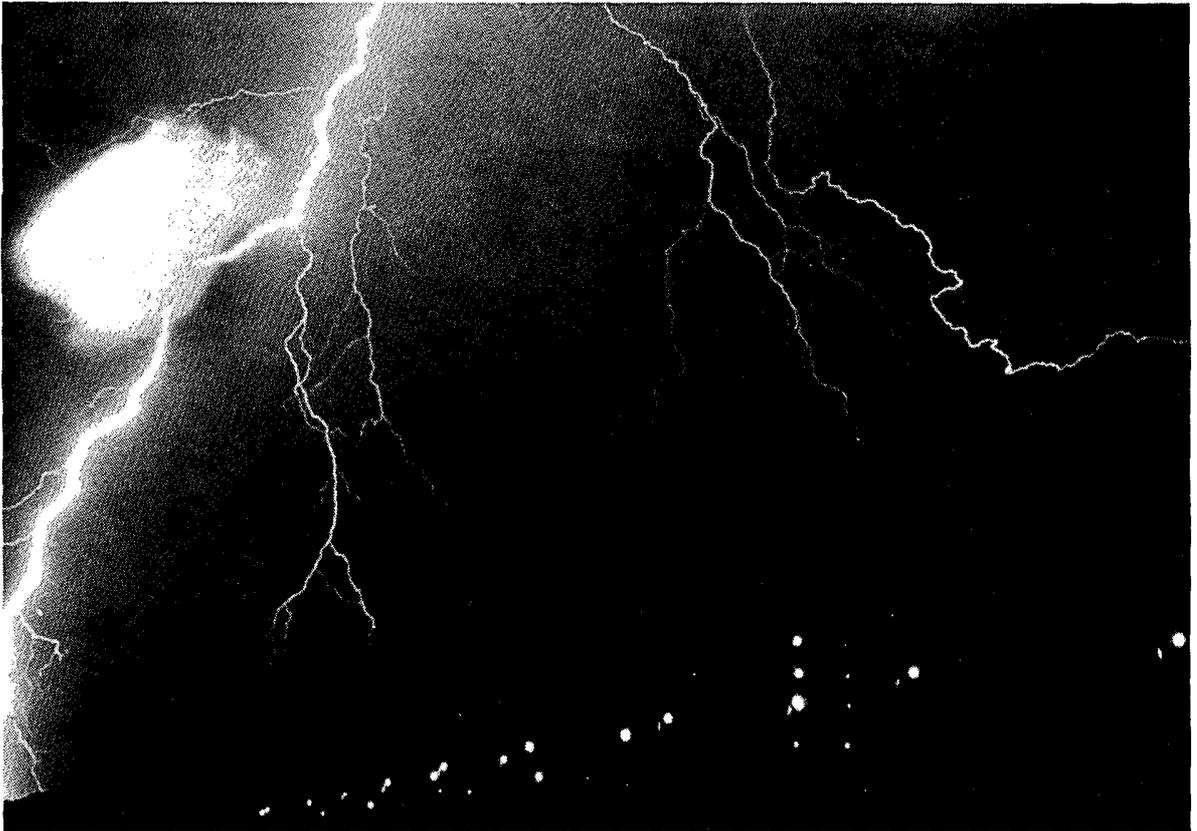
Three eastward views from Interstate 35 toward Faribault in Minnesota show various lightning discharges illuminating rainshafts of a thunderstorm on the evening of May 10, 1987. The line of storms struck the area with torrential rain, pea size hail, and winds exceeding 50 mph in some places. ---All three photos by Jack "Thunderhead" Corso, of Harrison, New York; copyright 1987.



LIGHTNING during May, 1987 ---- continued

On May 13th, a developing line of late afternoon thunderstorms over central Nebraska (right) presented their own displays of vivid lightning by evening, as well as brief heavy downpours and occasional hail. Lightning from the line of storms which extended north-eastward into southern Minnesota, was responsible for fires that destroyed a house in Columbus, Nebraska and a barn in Smiths Mill, Minnesota. Photos below show lightning from a storm that roared through Grand Island, Nebraska during the early evening. ---All four photos by Jack "Thunderhead" Corso, of Harrison, New York; copyright 1987.

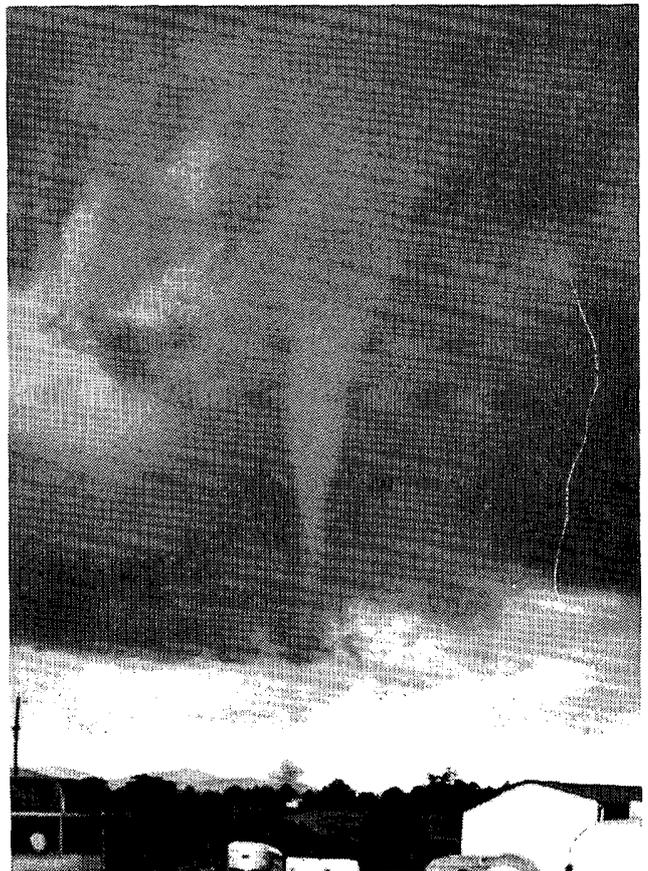




Lightning fills the sky over the Ohio River at Owensboro, Kentucky on the night of May 19, 1987. This unusual photo caught the bolt either passing through or just behind a small scud cloud. Which do you think it is? ---Photo by Kevin Eans, The Owensboro Messenger and Enquirer; and supplied by Beverly Poole, NWSFO at Louisville, Kentucky.

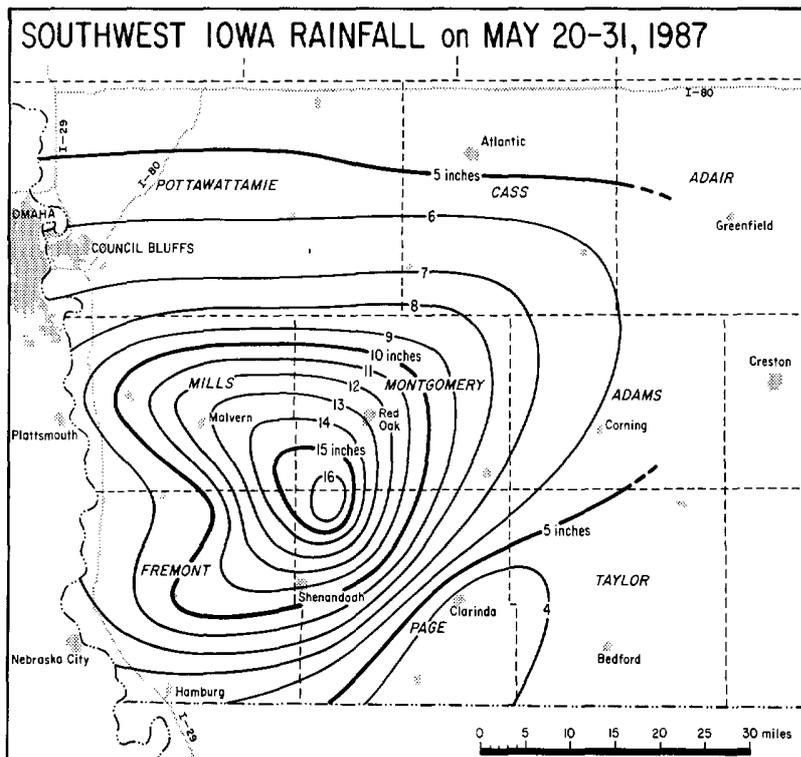
4. TORNADO near CAPITAN, NEW MEXICO on May 16, 1987

A rare tornado in south-central New Mexico shown at right, touched down 7 miles east of Capitan in the Sacramento Mountains during the late morning of May 16th. The tornado remained almost stationary and only uprooted trees on a ranch, but was observed as being F1 in intensity. Capitan is at an elevation of 6,900 feet. ---Photo by Jerry Etter, and supplied by the NWSFO at Albuquerque, New Mexico.

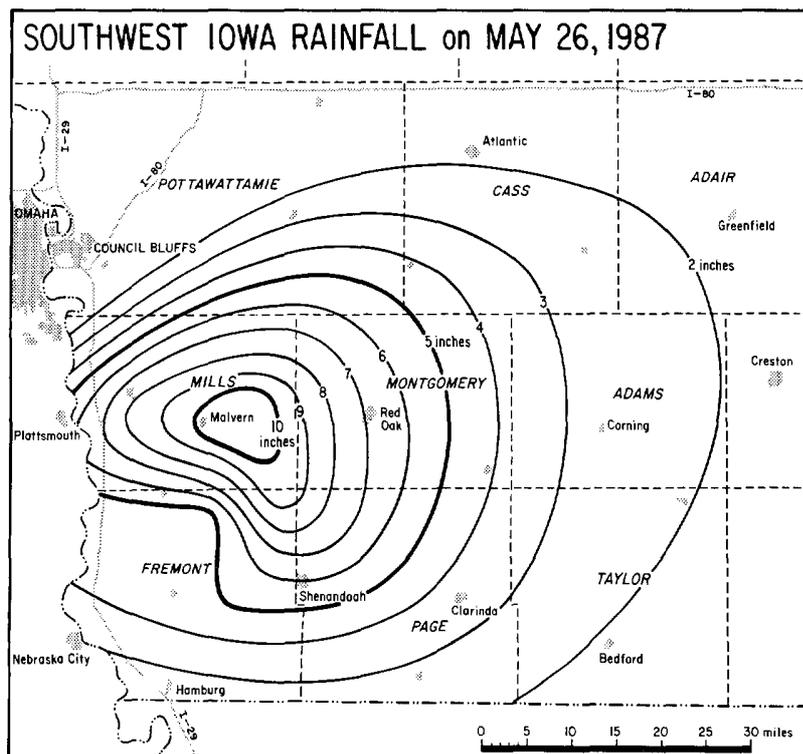


5. FLOODING in SOUTHWEST IOWA on May 20-31, 1987

Extreme southwest Iowa experienced extensive flash flooding and record river flooding as a result of excessive rainfall during the last 12 days of May. Rainfall totals reached as high as 17 inches for the 12 day period, well above the area's 4.14 inch normal for the entire month. The heaviest one day rainfall occurred on the 26th and exceeded 10 inches in amount in western Mills County. This single day rainfall had a large influence on the 12-day rainfall distribution (see maps below). Hardest hit by flooding were Mills, Montgomery, Fremont, and Page counties, and record river heights were reached on the Nishnabotna and West Nishnabotna rivers. Losses, most of which were agriculture related, neared 16 million dollars.



Twelve day (May 20-31, 1987) and one day (May 26, 1987) rainfall distributions for extreme southwest Iowa, top left and bottom left, respectively. Contours are at 1 inch intervals with contours of 5 inch increments emphasized. ---Mapped by the University of Chicago from data supplied by Miles G. Schumacher, NWSFO at Des Moines, Iowa.



FLOODING in SOUTHWEST IOWA ---- continued



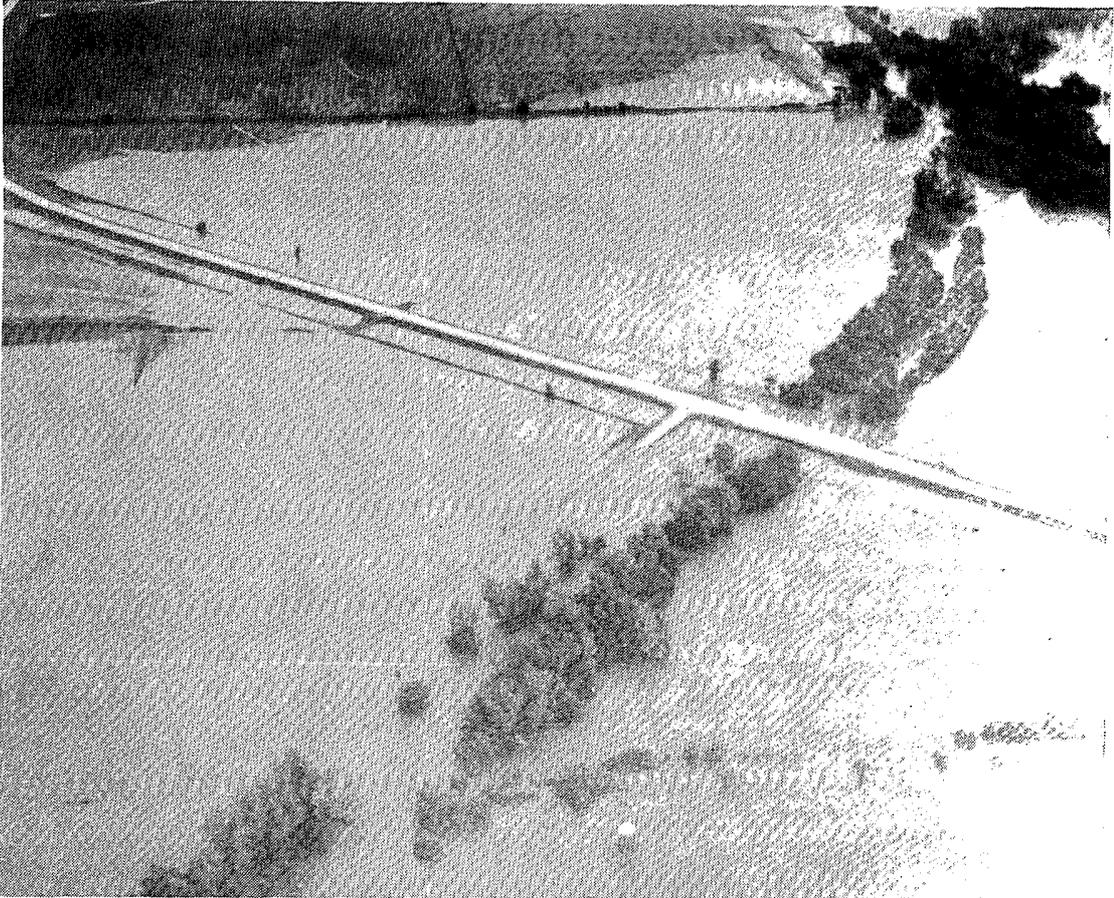
A southward aerial view of the overflowing East Nishnabotna River about 7 miles south of Red Oak near the Montgomery-Page county line, taken at about 1230CST on May 26th.



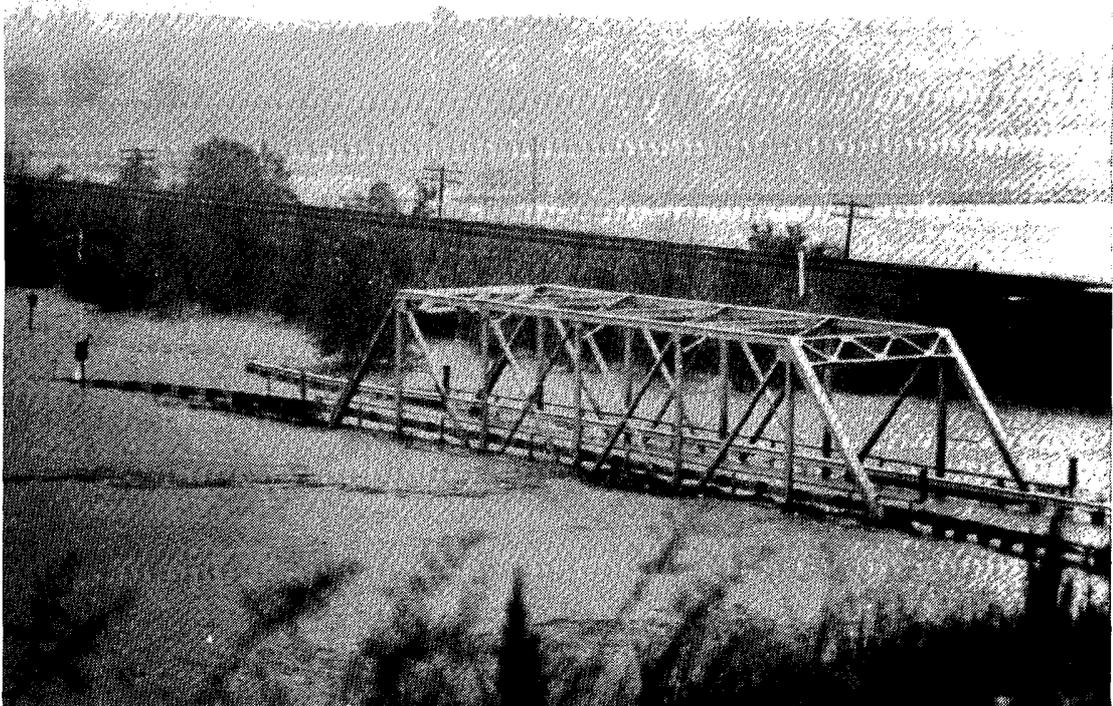
An eastward view taken between 1200 and 1300CST on the 26th shows the Burlington Northern Railroad's main line where it parallels Indian Creek, about 5 miles east of Malvern in eastern Mills County. Rainfall exceeded 10 inches in this area on this day.

---Both above photos from the Red Oak Express, Red Oak, Iowa.

FLOODING in SOUTHWEST IOWA ---- continued

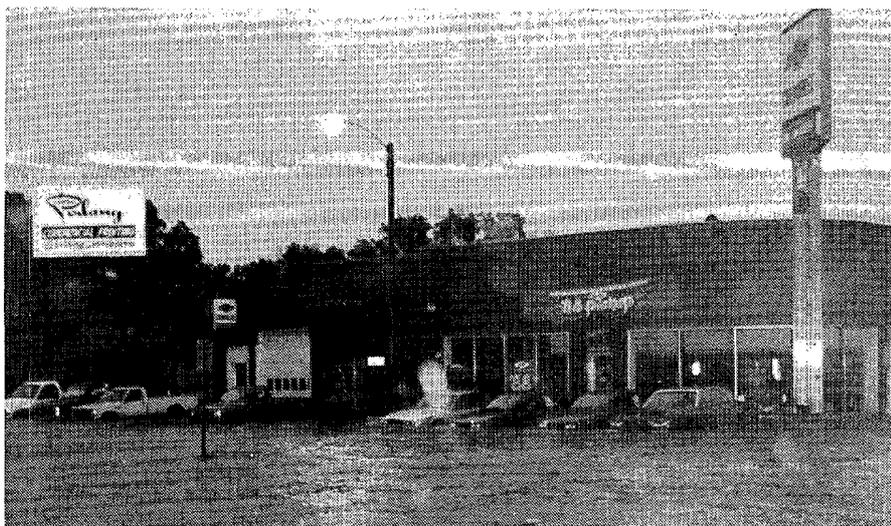


Taken at about 1200CST on the 26th, the aerial view above shows floodwaters of Walnut Creek in the northeast tip of Fremont County as they creep up on U.S. Highway 59. Nearby farm roads were already submerged.



Floodwaters breach the road surface of a bridge carrying old U.S. Highway 34 between Red Oak and Emerson, at about 0800CST on the 26th. Emerson is about 8 miles west of Red Oak and was cut off from the city for a time. ---Both above photos from the Red Oak Express, Red Oak, Iowa.

FLOODING in SOUTHWEST IOWA ---- continued



An inundated Chevrolet dealership in Red Oak demonstrates the level to which floodwater had risen by 0600CST on the morning of the 26th. Most city streets were impassable during the morning hours.



Overflow from Red Oak Creek fills the yards of residences in the city during the afternoon of the 26th, as floodwaters had just begun to recede.



The 5th Street Bridge in Red Oak after it was lifted off its supports by the burgeoning Red Oak Creek, causing the bridge level to rise several inches above the adjoining road surface.

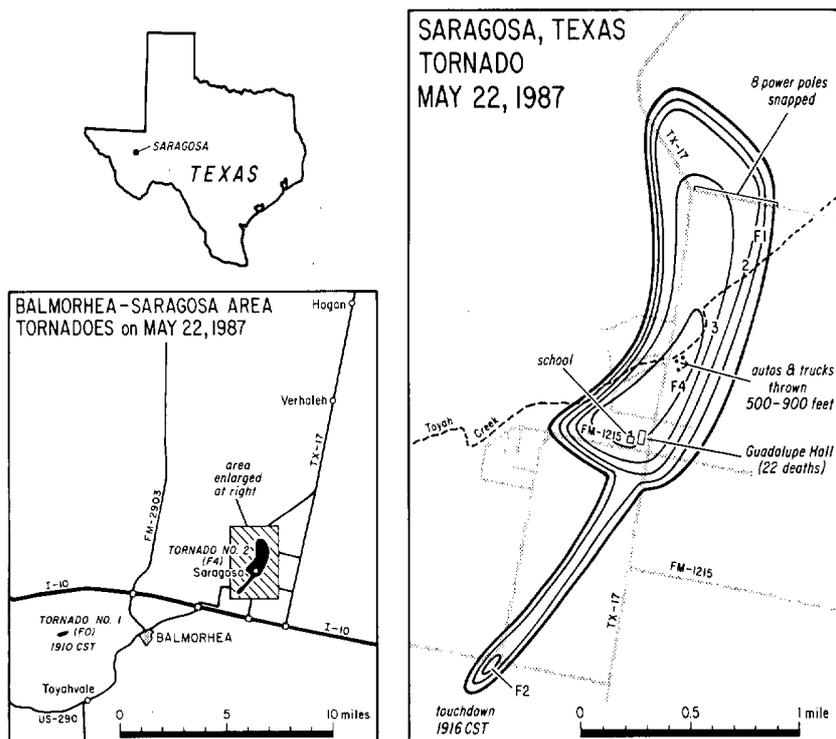


Water still surrounds this home in the vicinity of Red Oak Creek, even though waters had begun to recede by the time of this photo, about 1400CST on the 26th. Basement flooding was common in the area.

---All four photos above from the Red Oak Express, Red Oak, Iowa.

6. TORNADO at SARAGOSA, TEXAS on May 22, 1987

At 1916CST on the evening of May 22nd, a supercell thunderstorm in western Texas spawned a strong single-vortex tornado southwest of Saragosa that, after travelling a short distance into the community, suddenly became a large and violent, multiple vortex tornado. The twister inflicted up to F4 intensity damage as it essentially wiped Saragosa off the map. Of the town's 183 inhabitants, 30 people were killed and 121 injured. At least 85 percent of the town's structures were totally destroyed, and the total property damage was estimated at \$1,300,000. Of the 30 fatalities, 22 occurred in a single structure, Guadalupe Hall, where a graduation ceremony for Head Start four-year-olds was being held. As quickly as it had intensified over the town, the tornado rapidly dissipated as it exited the town to the north, giving the impression that it had had a mandate to obliterate the small community.

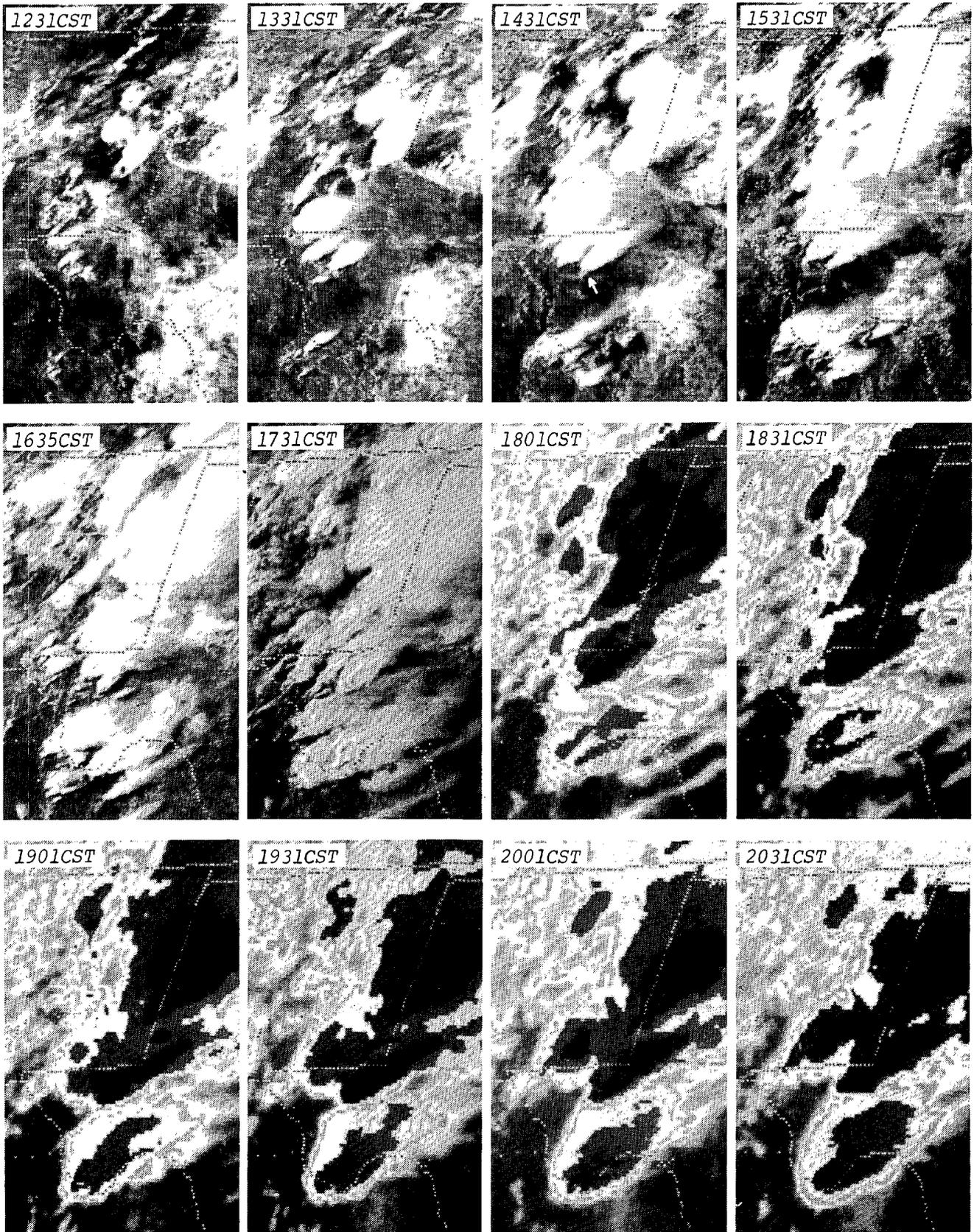


Paths of the Saragosa and Balmorhea tornadoes on May 22, 1987 (left), and the Saragosa Tornado path with gradations of F scale (right). ---Mappings by the NWSFO at Lubbock, Texas.



The single-vortex tornado as it approached Saragosa from the southwest at 1916CST, about 1 minute before it entered the town. It is likely that this vortex was absorbed into the larger, multiple vortex circulation as it materialized over Saragosa. ---Photo by Justice of the Peace Carrasco, of Saragosa; and supplied by the NWSFO at Lubbock, Texas.

TORNADO at SARAGOSA, TEXAS ---- continued



GOES 6 satellite images, visible before dusk and infrared thereafter, show the life history of the Saragosa supercell (arrow in the 1431CST image) and its relation to other storms in the southwest on May 22, 1987. Note that the slow-moving storm was in existence for several hours prior to its production of the F4 tornado at Saragosa. ---Satellite photos from the National Environmental Satellite Data and Information Service.

TORNADO at SARAGOSA, TEXAS ---- continued

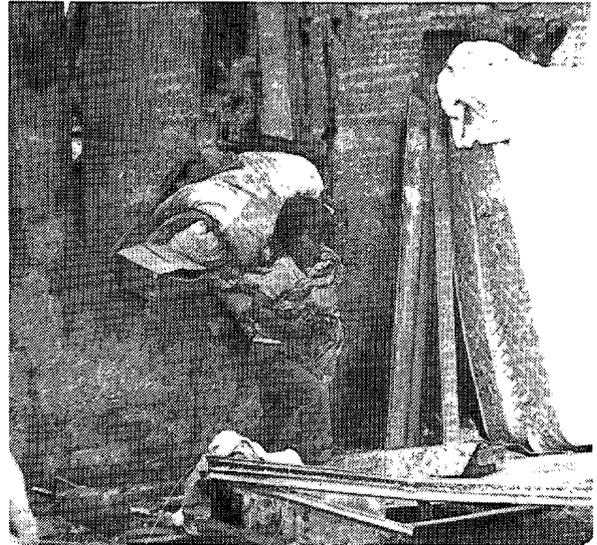


The injured are removed from the rubble at Saragosa (left) and receive treatment at Reeves County Hospital in Pecos (right) on the night of the 22nd.



Emergency services personnel and volunteers sift through and remove the debris of what was once Saragosa. Farm animals and pets suffered as greatly from the tornado's onslaught as did the human populace.
---All above photos from the Pecos Enterprise, Pecos, Texas.

TORNADO at SARAGOSA, TEXAS ---- continued



A Saragosa resident inspects the damage to his car (left), and a young child helps to gather salvageable belongings (right).

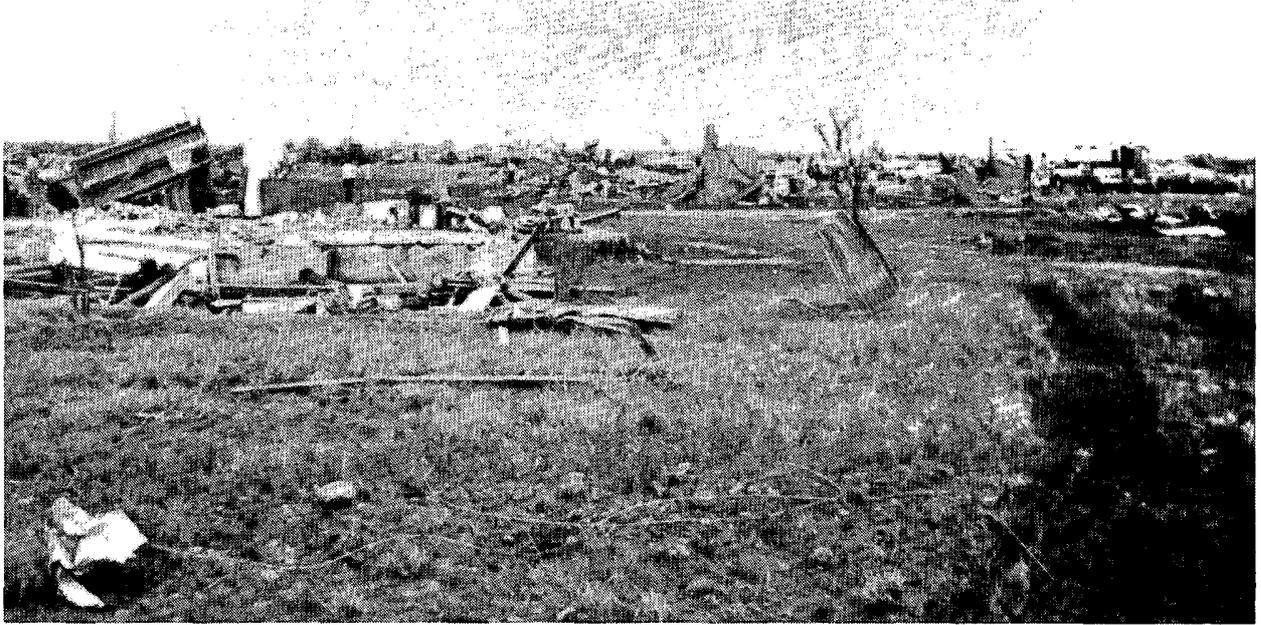


On the Sunday following the tornado, an outdoor mass at which survivors prayed for the dead and injured, was held amidst the ruins.



Due to the storm's ferocity and extensive human impact, the media was out in force to cover the story, as evidenced by portable satellite dishes that enabled newscasters to transmit from the remote, western Texas location.

---All above photos from the Pecos Enterprise, Pecos, Texas.



This view toward the north from about 30 yards west of the intersection of Texas Highway 17 and FM 1215, shows that foundations were all that was left of the Saragosa Post Office (foreground) and Guadalupe Hall (background).



Viewed toward the west-southwest from 50 yards south and 0.5 miles west of the same intersection mentioned above, these debarked trees were wrapped with roofing, automobile frames, and farm equipment.

---Both above photos by Walter R. Anderson, NWSFO at Lubbock, Texas.

Editor's note: Coverage of the flooding in Texas and Oklahoma during late May and early June, 1987 will be featured in its entirety in the Outstanding Storms of the Month section of the June 1987 issue.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

Mobile County	01 1500CST	0 2 0 0	Lightning	Two male Mobile city park workers were seriously but not fatally injured by lightning at a construction site in the city of Mobile. The men were standing on a flat, freshly-scraped field when they were struck. Heavy rain and marble size hail also fell nearby.					
Shelby County	04 1330CST	0 0 0 0	Hail (1.00)	A slow-moving thunderstorm produced locally heavy rain and quarter size hail near Alabaster. Smaller hail was reported to have covered the ground nearby.					
Etowah County	04 1535CST	0 0 1 0	Hail (1.75)	0 0 3 0	Flash flooding				
				Golf ball size hail fell just southeast of Southside and Glencoe. Over one inch of rain fell in downtown Gadsden in only a few minutes. Private citizens reported nearly four inches of rain in just a short time. Flash flooding occurred in East Gadsden while water rose into homes and businesses. Water was reported as at a depth of one and one half feet near Gadsden State College.					
Cherokee County	04 1600CST	0 0 0 0	Hail (0.75)	0 0 0 0	TSTM Wind				
				Nickle size hail fell and several trees were blown down in south Cherokee County near Pine Grove.					
Choctaw County	09 1700CST	0 0 0 0	Hail (0.75)	Dime size hail fell at Usman, Alabama some 30 miles southeast of Meridian, MS.					
Baldwin County	10 0200-1600CST	0 0 4 0	Flash flooding	A low pressure area that stalled along the Gulf Coast produced torrential rain from a series of thunderstorms that moved inland into southern Baldwin County and stretched to the Pensacola area of northwest Florida. Heavy downpours began in the predawn hours of Sunday and lasted through the afternoon. Phenomenal rainfall totals of 10-13 inches occurred in a band that stretched from near Lillian, Alabama and around the Perdido Bay to near Pensacola, Florida. Amounts of 5-10 inches were common in the city of Pensacola. The overall effect of rising water was widespread over much of the area. Many streets became impassable while flooding of low-lying areas was common. The rain, however, was welcome relief to farmers and foresters who were worried after a dry April.					
Mobile County	12 1520CST	0 0 0 0	Hail (1.25)	Half dollar size hail was reported 5 miles northeast of the Mobile airport.					
Winston County	21 1145CST	0.25 150 1 0 4 0	Tornado (F2)	A tornado touched down 1 mile northeast of downtown Double Springs at 1145 CST and moved 1/4 mile northeast. The tornado destroyed a construction site and a car adjacent to the Winston County High School. A 62-year-old male died in the storm while visiting the construction site. He happened to be inside a trailer at the site. The tornado then bounced to the school building which suffered roof damage and fallen bricks. The tornado then dissipated.					
Cullman County	23 1710CST	0 0 0 0	TSTM Wind	Trees were uprooted by high winds just north of the city of Cullman.					
Jefferson County	25 1902CST	0 0 0 0	TSTM Wind	Trees were uprooted by high winds in Bluff Park just south of Birmingham. Nearly 3 inches of rain fell in eastern sections of Birmingham while 15,000 customers were left without electricity.					
Cullman County	28 1805CST	0 0 0 0	Hail (1.75)	Golf ball size hail fell at Holly Pond.					
Cullman County	28 1855CST	0 0 2 0	TSTM Wind	A barn was destroyed and trees were uprooted near Eva in the Hamby Chapel Community.					

2 ARIZONA

Pinal County, 10 SW Williams AFB	10 1640NST	0 0 0 0	Funnel Cloud	A pilot reported a small funnel cloud near the Maricopa-Pinal county line just before a dust storm lowered the visibility to near zero. By 1738NST, winds peaked at 43 mph at Phoenix Sky Harbor airport, where dense blowing dust was also reported.					
Maricopa County, Peoria	14 1540NST	0 0 0 0	Funnel Cloud						
Pima County, Catalina	15 1440NST	0 0 4 0	Thunderstorm Wind	Locally strong downburst winds damaged at least one trailer in the small town of Catalina, north of Tucson.					

ARIZONA

Pima County	20 ?	0 0 0 ?	Hail	Hail damaged cotton crops in Pima County. No dollar estimate of damage is available.					
Maricopa County, Mesa	20 1605NST	0 0 0 0	Funnel Cloud	A pilot reported a short-lived funnel cloud about 2 or 3 miles southeast of Falcon Field.					
Apache County, 25 SE St. Johns	23 1100NST	0 0 0 0	Funnel Cloud	An airport manager spotted a funnel cloud.					

3 ARKANSAS

Dallas County	02 0820CST	0 0 ? -	Flash flooding	The Arkansas State Police reported several bridges washed out on AR Highway 7, just south of its intersection with AR Highway 8.					
Cleveland County	02 1000CST	0 0 ? -	Flash flooding	Heavy rain over the northeast portion of the county caused water to go over a roadway, finally washing out part of the road, according to the State Police at Warren.					
Pulaski County	02 1819CST	0 0 - -	Hail (0.75")	Three-quarter-inch diameter hail fell at Jacksonville, according to off-duty National Weather Service personnel.					
Carroll County	03 1116CST	0 0 ? -	Thunderstorm wind	The Sheriff's Office reported trees blown down in and around Eureka Springs. Some roads were blocked by the trees.					
Baxter County	03 1612CST	0 0 - -	Hail (1.75")	Golfball-size hail was reported by the Sheriff's Office at Bull Shoal State Park.					
Marion County	03 1710CST	0 0 - -	Thunderstorm wind	The Sheriff's Office reported power lines and one tree blown down 8 miles south of Yellville, near Ralph.					
Ashley County	03 1740CST	0 0 - -	Hail (1.75")	The Crossett Police Department reported golfball-size hail 9 miles northwest of Crossett.					
Izard County	03 1815CST	0 0 - -	Thunderstorm wind	The Sheriff's Office reported power outages and trees down at the western edge of Calico Rock.					
Independence County	03 1850CST	0 0 ? -	Lightning	An attic fire resulted from a lightning strike on a television antenna at a Newark home.					
Independence County	03 2000CST	0 0 3 -	Flash flooding	Brief, heavy rains caused water to go over the road on Highway 25, between Cord and Charlotte. Water was 3-4 inches deep in a mobile home at Walnut Grove. An evacuation of the mobile home was cancelled because the water began receding. Unspecified, road damage from Walnut Grove to the county line was reported by the county judge.					
Craighead County	03 2105CST	0 0 - -	Hail (1.75")	Golfball-sized hail fell at Bono.					
Independence County	03 2130CST	0 0 4 -	Lightning	Lightning struck a barn in Jamestown and started a fire that completely destroyed the structure. A livestock trailer inside the barn was also destroyed.					
Jefferson County	06 1610CST	0 0 ? -	Thunderstorm wind	Power lines and one power pole were knocked down along U.S. Highway 65, 2 miles west of Grider Field in Pine Bluff.					

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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									
Columbia County	06	1645CST		0	0	5	-	-	Lightning
<p>A two-story home in Magnolia was struck by lightning which burnt the upstairs completely. The ground floor was damaged considerably, making the home a total loss.</p>									
Sebastian County	06	1730CST		0	0	4	-	-	Flash flooding
<p>Almost 2 inches of rain within a 50-minute period caused street flooding in Fort Smith. Water got into the county's detention center at the basement of the courthouse. Many cars stalled due to high water, and some floated down the street. A car was crushed by a tree which was pushed over by swift waters.</p>									
Garland County	06	1948CST		0	0	-	-	-	Thunderstorm wind
Garland County	06	1948CST		0	0	-	-	-	Hail (1.75")
<p>Strong winds blew down trees at Royal. Marble to golfball size hail fell one mile west of Hot Springs.</p>									
Clark County	06	2057CST		0	0	?	-	-	Flash flooding
<p>Two and a half inches of rain fell in a half hour in the Gurdon and Arkadelphia area. State Highway 53, between Gurdon and Interstate 30, was flooded at 4 different locations. At Gurdon, one home and one car were flooded, and many homes had standing water in the yards.</p>									
Pulaski County	13	1630CST		0	0	4	-	-	Lightning
<p>Lightning caused about \$10,000 in roof damage at a Little Rock residence from an ensuing fire which took about 5 minutes to contain.</p>									
Grant County	15	1600CST		0	1	3	-	-	Thunderstorm wind
<p>Straight-line winds broke a plate-glass window and damaged the roof of a gas station at Poyen. Some trees were also knocked down. A woman was standing by the window when it broke; she received one cut on an arm and a second cut on a leg.</p>									
Hot Spring County	16	1715CST		0	0	-	-	-	Thunderstorm wind
<p>Trees and power lines were knocked down in the Malvern area.</p>									
Pope County	16	1750CST		0	0	-	-	-	Hail (1.75")
<p>KRUV Radio station in Russellville reported that hail, ranging in size from peas to golfball, fell at Oak Grove.</p>									
Conway County	16	2030CST		0	1	-	-	-	Lightning
<p>Twin brothers were in a boat on Lake Brewer as a thunderstorm approached. Lightning struck the boat, knocking one of the men off into the water. The man was hospitalized for burns and eardrum injury. His brother was unhurt.</p>									
Cross County	20	1500CST		1	0	-	-	-	Lightning
<p>Several workers were leaving the Cross County Cemetery, 1 mile north of Wynne along AR Highway 1, early in the afternoon. Lightning struck one of the men, who died en route to the hospital. M280</p>									
Lafayette County	20	1810CST		0	0	-	-	-	Hail (1.75")
<p>Golfball-size hail fell 5 miles northeast of Stamps, according to reports received by the National Weather Service Office in Shreveport, Louisiana.</p>									
Columbia County	20	1825CST		0	0	-	-	-	Thunderstorm wind
<p>Trees were blown down 1 mile north of Waldo.</p>									
Yell County	23	1740CST		0	0	-	-	-	Hail (1.75")
<p>Golfball-sized hail fell along Highway 27 between Blue Mountain and Danville, according to the Sheriff's Office.</p>									
Pulaski County	23	1845CST		0	3	?	-	-	Thunderstorm wind
<p>Three persons were treated for bumps and bruises in Little Rock. Injuries resulted from several large speakers being blown down onto spectators at Riverfront Park during Riverfest. The strong gusts originated from a nearby thunderstorm.</p>									

— ARKANSAS									
Columbia County	23	1900CST		0	0	?	-	-	Flash flooding
<p>Several businesses were flooded in Magnolia, along Dudney Street, as a result of heavy rain.</p>									
Pulaski County	23	1905CST		0	0	3	-	-	Lightning
<p>Lightning started an attic fire which caused about \$3000 in damages to a Little Rock home.</p>									
Faulkner County	23	2000CST		0	0	-	-	-	Thunderstorm wind
<p>A tree was uprooted and several buildings sustained roof damage at the Liberty community on Highway 36, or 10 miles east of Conway.</p>									
Pulaski County	23	2025CST		0	0	?	-	-	Thunderstorm wind
<p>Trees and power lines were snapped and one store was unroofed at the intersection of Highways 89 and 107, about 5 miles north of the Little Rock A.F.B., according to Air Force personnel.</p>									
Jefferson County	24	1400CST		0	1	-	-	-	Lightning
<p>Six youths were under a tree that was struck by lightning in White Hall. One 16-year-old boy was knocked unconscious for 5 minutes. The other persons were startled, but remained unharmed.</p>									
Marion County	25	1315CST		1	1	-	-	-	Lightning
<p>A one-day newlywed from Illinois was killed by lightning, and a companion was injured, while fishing on Bull Shoals Lake near Point 8, west of Ozark Isle. M260</p>									
Washington County	28	2100CST		0	0	4	-	-	Thunderstorm wind
<p>Strong gusts partially unroofed a home at Hogeys. A hog barn was unroofed completely and another was lifted off its foundation.</p>									
Washington County	28	2145CST		0	0	4	-	-	Thunderstorm wind
<p>Trees were blown down onto cars and homes in Springdale, according to the police department. Several roofs were damaged.</p>									
Conway County	30	1330CST		0	0	-	-	-	Hail (1.75")
<p>Marble to golfball size hail was reported by a Sheriff's Office dispatcher at Plumerville.</p>									
Pulaski County	31	1345CST		0	0	-	-	-	Funnel cloud
<p>National Weather Service personnel at the Little Rock Forecast Office spotted a funnel cloud 2 miles northeast of the office, which is located at the North Little Rock Airport.</p>									
Poinsett County	31	1540CST		0	0	3	-	-	Thunderstorm wind
<p>A barn was unroofed at Tyrnza by strong winds from a nearby thunderstorm.</p>									
Howard County	31	1545CST		0	0	?	-	-	Thunderstorm wind
<p>Strong winds damaged a poultry house and blew down a tree against a home at Tollette.</p>									

4 CALIFORNIA, Northern

CAZ005	08	1615PST		0	0	3	0	0	TSM Winds
<p>Numerous thunderstorms in the San Joaquin Valley caused some minor wind damage to power poles and light structures, but did not meet severe thunderstorm criteria. There were also several unconfirmed funnel clouds.</p>									
CAZ007	16	1315PST		0	0	0	0	0	Funnel Cloud
<p>A large thunderstorm over Alturas spawned a funnel cloud that persisted for at least 20 minutes. The area it passed over is uninhabited and contains mostly sagebrush, and there was no evidence that it touched down.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
4 CALIFORNIA, Southern									
CAZ018-019	01	2100PST			0	0	?	?	High Winds
Winds throughout the desert areas were strong and from the west. Gusts of near 50 mph were reported. Stations with reported gusts in knots were: Daggett (DAC) 50 George Air Force Base (VCV) 30 Additionally, the California Highway Patrol had a wind advisory in effect for the upper deserts.									
CAZ019	07	unknown			0	0	?	?	High Winds
Two power poles were "snapped off" in strong winds and one boat was damaged 4 miles south of Earp, near Lake Havasu.									
CAZ011-012-013	08	1325PST			0	0	?	?	Thunderstorms
Thunderstorms developed over the mountain and desert areas at around noon. As the thunderstorms moved out of the mountain areas and into the valleys, there were reports of frequent wind gusts. March Air Force Base (RIV) reported gusts of up to 40 knots ahead of an approaching storm. At 1:30 pm PDT, a funnel cloud was reported by an observer at Norton Air Force Base (SBD). At 3:10 pm PDT, the tower at Chino (CNO) reported wind gusts of up to 48 knots with blowing dust and debris.									
CAZ019	09	1600PST			0	0	?	?	Thunderstorms
Gusty winds associated with a thunderstorm at Needles (EED) caused some damage. The report was received from the telephone company. No reports as to the extent or cost of the damage were received.									
CAZ011-013-017	11	1400PST			1	?	?	?	Thunderstorms
Severe thunderstorms formed over the mountains of Southern California, with the most intense storms occurring from near Mission Viejo to near Ferris. Reports of winds nearing 55 knots and various-size hail were received. A motorist was thrown from his vehicle on Interstate 5 near Gorman, and run over by a tractor-trailer. This 5-mile stretch of the Interstate needed a Highway Patrol escort due to heavy rain and locally poor visibilities. Rain throughout the mountains caused flooding of ravines. Along California Route 138, debris was piled up from Little Rock to the San Bernardino county line.									
CAZ014	20	1100PST			0	?	?	?	Thunderstorms
Thunderstorms formed over the Sierra Nevada and drifted over Owens Valley. Bishop (BH) reported over one-half inch of rain in the morning. Also, there were reports of localized flooding on State Routes 136 and 190 on the east side of Owens Lake.									
CAZ011-012	25	1400PST			0	?	?	?	Thunderstorms
A strong thunderstorm formed over the San Gabriel Mountains north of the San Fernando Valley. As the storm moved off the mountains and toward the southeast, reports from the Burbank Police and Whiteman Airport (WHP) near San Fernando included gusty winds, heavy rain, frequent lightning, and small hail. There were no reports of damage received by this office, but due to the nature of activities planned for the Memorial Day holiday, there may have been some damage.									
5 COLORADO									
COZ 013 Logan, Sedgwick, and Phillips Counties	2	evening			0	0	0	0	Tstm. Winds (70), Heavy Rain
A thunderstorm produced a wind gust of 70 mph at Haxtun at 1725 MST. 1.3 inches of rain fell in an hour at Sedgwick, and the storm dumped over two inches at Crook and Fleming.									
COZ 011-012-013- 014-015-016-017 Eastern Colorado	3	morning-midday			0	0	0	4	High Winds (71)
Strong winds buffeted eastern Colorado, causing damage to onions in the southeastern part of the state. Winds gusted as high as 71 mph at Pueblo at 0949 MST, and sustained winds of 40 mph or more howled at the Pueblo airport for 12 consecutive hours. Gusts reached 61 mph at Fort Morgan at around 1100 MST; and Nunn, Colorado Springs, and La Junta all clocked speeds in the 55 to 60 mph range.									
COZ 011-012-013- 014-015-016-017 Eastern Plains, Foothills	3-4				0	0	0	0	Rain, Snow
A slow-moving storm brought 1 to 2 inches of rain to a large area of the eastern plains. Snow fell in the adjacent foothills; Divide, in Teller County, was buried with 18 inches. Many other spots in the foothills received 5 to 10 inches.									
COLORADO									
COZ 011 Denver, Denver County	12	1605MST	3/4	20	0	0	4	0	Tornado (F1)
A small tornado touched down for about two minutes in southeast Denver. The twister hit a car dealership, blowing about a dozen windows out of cars and shattering four skylights. Some tin roofing was blown off a patio a block and a half to the southeast of the dealership. The tornado also downed a power pole. Damage at the dealership was estimated at \$10,000.									
COZ 011 Adams County	12	1630MST			0	1	0	0	Lightning
A man was slightly injured by lightning in the northwest section of Aurora.									
COZ 009 Rio Grande County	14	1413MST	1/4	20	0	0	0	0	Tornado (F0)
A tornado was observed for three minutes in an open field near Del Norte.									
COZ 016 Lincoln County	14	2000MST			0	0	3	0	Lightning
Lightning strikes caused two hay fires near Karval.									
COZ 011 Weld County	16	afternoon			0	0	0	0	Lightning
About two dozen pelicans were killed by lightning near Greeley.									
COZ 011 Arapahoe County	17	1300MST			0	0	0	0	Hail
Small hail piled up 4 inches deep in southwest Aurora. There were a few power outages, and widespread street flooding.									
COZ 011 Douglas County	17	1449MST			0	0	0	0	Hail (0.75)
3/4 inch hail fell near Castle Rock in southeastern Douglas County. Earlier at 1425 MST, hail piled up 2 to 3 inches deep near Monument, in extreme northern El Paso County.									
COZ012 Washington County	17	1655MST			0	0	4	4	Hail (0.75)
3/4 inch hail fell at Akron from 1655 to 1718 MST and caused severe damage to at least one home, breaking windows and battering siding and roofing on the residence. Several hundred acres of wheat were destroyed by the hail.									
COZ 011 Arapahoe County	17	afternoon			0	1	0	0	Lightning
A man was injured by lightning in his yard in Aurora.									
COZ 013 Kit Carson County	17	1730MST	0.6	30	0	0	0	0	Tornado (F1)
A tornado touched down 7 miles southeast of Burlington, staying on the ground for 10 minutes.									
COZ 013 Yuma County	18	evening			0	0	0	0	Hail (1.0)
1 inch hail fell at 1818 MST, 7 miles northeast of Wray. At 1823, 3/4 inch hail hit the nearby town of Laird.									
COZ 011 Larimer County	19	afternoon			0	0	3	0	Heavy Rain, Lightning
Lightning caused minor damage to a shed in Loveland. Of greater import were heavy thunderstorm rains that caused areas of flooding in eastern Larimer County. Up to 1.6 inches of rain fell in as little as 45 minutes near Fort Collins and Loveland, causing street flooding in and near both cities.									
COZ 016 Southeast Colorado	20	evening			0	0	6	5	Hail (.75-1.75)
A thunderstorm moved slowly eastward down the Arkansas River, dropping large hail and damaging crops in a swath through Pueblo, Otero, and Bent counties. The area around Rocky Ford was especially hard hit; windows were broken, and two greenhouses in the town were damaged. Over 500 insurance claims were filed for hail damage to roofs and vehicles, as hail piled up 3 inches deep in some spots. 1.07 inches of rain fell in Rocky Ford in 45 minutes. Crops in the area also suffered damage. Wheat was hardest hit, but alfalfa, corn, potatoes, melons, and onions were also affected. SEVERE WEATHER REPORTS ON MAY 20..TIMES MST.. 1733 1 1/4 inch hail 2 miles south of Pueblo (Pueblo County) 1835 1 inch hail in Fowler (Otero County) 2005 1 inch hail in La Junta (Otero County) 2027 7/8 inch hail just west of La Junta (Otero County) 2055 Golfball size hail til 2120 in Las Animas (Bent County)									
COZ 011 Arapahoe County	22	1200MST			0	0	0	0	Hail (1.75)
Golfball size hail fell in western Arapahoe County in the Loretto Heights area.									
COZ 012 Weld and Morgan Counties	22	afternoon			0	0	0	0	Hail (0.75)
3/4 inch hail was reported between Roggen and Wiggins, on the Morgan/Weld county border, at 1309 MST. At 1327, 3/4 inch hail fell 6 miles southwest of Wiggins in extreme western Morgan County.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
— COLORADO									
COZ 011 Larimer County	22	evening			0	0	0	0	Hail (0.75), Heavy Rain
									3/4 inch hail fell 2 miles north of Fort Collins from 1955 to 2004 MST. The area around LaPorte, about 10 miles northwest of Fort Collins, was drenched with 2.75 inches of rain, most of it falling in two hours. There was some street flooding and a few basements were also inundated.
COZ 011 Denver area	23	afternoon			0	1	0	0	Hail (1.0), Heavy Rain, Lightning
									Slow-moving thunderstorms bombarded the central and eastern parts of the Denver metro area, including parts of Denver, Adams, and Arapahoe counties. 1 inch hail was reported at 1435 MST in south-central Denver. Torrential rain caused widespread street flooding, stalling traffic throughout the area; 2.1 inches of rain fell in just 25 minutes in extreme southeast Aurora, and many other spots in east Denver and Aurora reported 1 to 1 1/2 inches in about 30 minutes. A man was slightly injured by lightning near Stapleton Airport.
COZ011 Arapahoe County	23	1500MST			0	0	4	0	Lightning
									Lightning started a fire that severely damaged a house in Aurora.
COZ003 Montrose County	23	afternoon			0	0	4	0	Lightning
									Lightning seriously damaged a TV transmitter near Montrose, knocking a television station off the air for several hours.
COZ 011 Weld County	23	1630MST			0	0	0	0	Hail, Heavy Rain
									1.28 inches of rain fell in just 30 minutes at Greeley. Small hail piled up 4 to 5 inches deep in the area, flooding some streets and fields in the area.
COZ 016 Pueblo County	24	1500MST			0	1	0	0	Lightning
									A man was slightly injured by lightning in Pueblo.
COZ 005 Gunnison County	25	1330MST			0	0	0	0	High Wind
									A gust of 68 mph was observed at Gunnison.
COZ003 Delta County	25				0	0	4	0	Hail
									Hail caused light to moderate damage to fruit in Paonia, Cedaredge, and Hotchkiss.
COZ 011-012 Northeast Colorado	26	afternoon			0	0	0	0	Hail (.75-1.75)
									Large hail fell at many spots in eastern Colorado. However, the hail was fairly soft and caused no significant damage.
	1220								SEVERE WEATHER REPORTS ON MAY 26..TIMES MST.. 7/8 inch hail 3 miles south of Bennett (W. Arapahoe County)
	1220								1 inch hail 7 miles north of Boulder (Boulder County)
	1300								1 inch hail near Bennett (W. Adams County)
	1320								1 inch hail just north of Nunn (NW Weld County)
	1445								3/4 inch to golfball size hail in Fort Morgan (Morgan County)
	1645								1 inch to golfball size hail just east of Fort Collins (E. Larimer County)
COZ 011 Douglas County	29	1800MST			0	0	0	0	Hail (0.9)
									7/8 inch hail fell 5 miles WNW of Castle Rock.
6 CONNECTICUT									
Hartford County, South Windsor	31	1600EST			0	3	0	0	Lightning
									A bolt of lightning struck a tree near where three men were standing at a backyard barbecue. The lightning travelled through the ground from the tree and knocked two of the men down. The third man was knocked down while standing in a nearby shed. All three were treated at a nearby hospital and released.
Litchfield and Hartford Counties	31	1500EST- 1700EST			0	0	3	0	Lightning and TSTM Winds
									Heavy thunderstorms moved across the area and caused scattered power outages and the downing of some trees and tree limbs. Up to 11,000 electric customers lost power in the Hartford, East Hartford and Manchester area.
7 DELAWARE ————— NONE REPORTED									
8 FLORIDA									
Santa Rosa Co., Jay	01	1407CST	1.0	30	0	0	0	0	Tornado (F0)
									A tornado was observed by a U.S. Navy pilot in a rural area.
Lake Co., Lady Lake	05	1430EST			0	0	3	0	TSTM wind (60)
									A mobile home roof was destroyed and three others were damaged by high wind. A storage shed was destroyed and several carports were destroyed.
Polk Co., Wahnetta	05	1530EST			0	0	3	0	TSTM wind (60)
									High wind blew the roof off a mobile home and did minor damage to another mobile home.
Desoto Co., Arcadia 4mi.N	05	1735EST	1.0	30	0	0	3	0	Tornado (F0)
									A home roof and two mobile homes were damaged by a tornado which was sighted by an eyewitness.
Dade Co., Homestead 8mi.N	07	1415EST			0	0	0	0	Funnel cloud
									A funnel cloud was observed by Miami airport control tower.
Broward Co., Cooper City	07	1500EST			0	0	2	0	TSTM wind (70)
									A boat was blown onto a house roof. Lawn furniture was blown over a house and across a street.
Pasco Co., Richland	07	1800EST	1.0	30	0	0	3	0	Tornado (F0)
									A tornado was sighted by the public. A mobile home roof was destroyed.
Broward Co., Ft. Lauderdale	09	1700EST			2	0	0	0	Lightning
									Lightning struck a tree and killed a 23-year-old male and a 31-year-old male who had sought shelter from the rain under a tree on a golf course. Two people who did not go under the tree were not injured. M230, M310
Escambia Co., Pensacola 5mi.WNW	10	0605CST			0	0	3	0	TSTM wind (60)
									High wind damaged a house roof.
Charlotte Co., rural eastern part	12	1740EST	1.0	30	0	0	0	0	Tornado (F0)
									A sheriff's deputy reported a tornado in a rural area.
Lee Co., Cape Coral	13	1630EST	1.0	30	0	0	5	0	Tornado (F1)
									A tornado damaged 126 homes, causing mainly minor damage to roofs, carports, and patio and pool enclosures.
Hernando Co., Brooksville	14	1253EST			0	0	2	0	TSTM wind (60)
									High wind destroyed a carport.
Collier Co., Naples	15	1600EST			0	0	3	0	TSTM wind (60)
									High wind downed 55 trees, downed a tennis fence, and damaged helicopters in a hangar.
Hillsborough Co., Tampa	19	1830EST			0	1	0	0	Lightning
									A 45-year-old man was injured when lightning struck a few feet from where he sat in a parking lot.
9 GEORGIA									
Fayette County	02	1650EST			0	0	?	0	Tstm.Wind
									Thunderstorm winds downed several trees in the southern part of Fayette County.
Hall County	04	1245EST			0	0	?	0	Hail (1.75)
									Golfball size hail fell in Hall County near the Banks County line.
DeKalb Co, Tucker	04	1550EST			0	0	?	0	Hail (0.75)
Clarke Co, 4N Athens	04	1600EST			0	0	?	0	Hail (0.75)
Clarke County	04	1615EST			0	0	?	0	Tstm.Winds
									Hail up to 3/4 inch in diameter fell in Tucker and in northern Athens. Trees were blown onto a house and a mobile home near Athens. Several other trees were uprooted and downed power lines and blocked roads mainly north and east of Athens.
Rockdale Co, Conyers	04	1630EST			0	0	4	0	Lightning
									Lightning caused five fires in the Conyers area. Four of the fires were very minor, but the other moderately damaged a house.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS		
— GEORGIA —										— ILLINOIS —										
Morgan Co, Madison	04	1715EST			0	0	?	0	Tstm. Wind, Hail (0.75)	Boone Co. Garden Prairie	11	1546CST			0	0	?	?	Hail (1.75)	
Ogelthorpe County	04	1715EST			0	0	?	0	Tstm. Wind	Kane Co. Hampshire	11	1611CST			0	0	0	0	Hail (0.75)	
									Utility lines were downed by falling trees and tree limbs in Madison. Hail up to 3/4 inch in diameter accompanied the storm. A few trees were also downed in the southwest part of Ogelthorpe County near the Oconee River.	Lee Co.	11	1625-1700CST			0	0	0	0	Hail (1.00) TSTM Wind (61)	
Crisp Co, Cordele	04	1808EST-1840EST			0	0	?	?	Tstm. Wind, Hail (1.0)										Large hail occurred 1 E Dixon. Winds toppled many trees, some of which blocked county roads.	
									Thunderstorm winds damaged awnings and antennas, and downed several small trees in Cordele. Quarter size hail covered the ground.	Cook Co. Chicago	11	1630-1710CST			0	2	4	0	TSTM Wind (52)	
Dooly Co, Pinehurst	12	1230EST							Funnel Cloud										Two police officers were cut by flying glass when thunderstorm winds shattered a store window on the city's west side. Numerous trees fell, mainly on the south side, where electric service was interrupted to 1000 homes and businesses.	
									A funnel cloud was sighted near Pinehurst.	Peoria Co. 10 NW Peoria	11	1700CST			0	0	0	0	Hail (1.00)	
Thomas Co, Boston	20	1600EST			1	0	0	0	Heat	De Kalb Co. De Kalb	11	1702CST			0	0	?	?	Hail (1.75)	
									A 30-year-old man died of heat exhaustion while helping to install an antenna on a roof. M300	Fulton Co. Farmington	11	1713CST			0	0	?	?	Hail (1.75)	
Ben Hill and Dooly Counties	21	2100EST			0	0	4	?	Flash Flood	La Salle Co. Ottawa area	11	1725CST			0	0	3	0	TSTM Wind (52)	
									Three to five inches of rain fell over parts of Ben Hill and Dooly counties from a slow-moving thunderstorm. The highest rainfall amount was over 6 inches in an unofficial gage north of Fitzgerald. A house north of Fitzgerald was flooded knee deep in water and had to be evacuated. Several roads in the county were washed out.										Thunderstorm winds toppled several trees. Winds were estimated at 60mph.	
Floyd Co, Rome	29	1800EST			0	0	?	?	Hail (0.75)	Fayette Co. 10 NW Ramsey	14	late morning			0	0	2	0	TSTM Wind	
									Nickle size hail fell on the east side of Rome.										A small area northwest of Ramsey was affected by strong thunderstorm winds which overturned and damaged a few pieces of farm equipment.	
10 IDAHO										Richland Co. Olney										
ID2003 Bannock Co., Inkom	16	1552 MST			0	0	4	0	Flash Flood		14	1530CST			0	2	0	0	Lightning	
									Thunderstorm downpour sent water, mud and debris down Rapid Creek, which flooded some farm fields. A back up behind a narrow culvert in Inkom resulted in flooded basements in at least eight houses and sent mud and debris over some roadways. Flood waters were also reported over Buckskin Road, east of Pocatello.											Two golfers who sought shelter under a hilltop tree, described as one of the tallest on the golf course, were severely burned when lightning struck the tree.
ID2003 Bonneville and Jefferson Counties	17	1840 MST			0	0	0	0	Funnel Clouds	Livingston Co. Dwight	14	1530CST			0	0	3	0	Lightning	
									Reports were received from the public of funnel clouds north of Idaho Falls and "several short-lived" funnels near the Idaho National Engineering Laboratory at about the same time.										Lightning struck scattered utility lines in the area and television antennas on several homes in town.	
ID2003 Madison Co., Sugar City	26	1230 MST			0	0	3	0	Hail (.50)	Livingston Co. Emington	14	1700CST			0	0	3	0	TSTM Wind	
									Hail one to three inches deep covered the ground northeast of Sugar City. Snowplows were called out to clear the roads.										Thunderstorm winds tore large branches from trees in town and damaged several farm structures in surrounding rural areas.	
ID2003 Power Co., Rockland	26	2130 MST			0	0	2	0	Flash Flood	St. Clair Co. Belleville	14	afternoon			0	0	3	0	TSTM Wind	
									Heavy rain sent mud and water over the highway, and a nearby creek overflowed which produced minor pasture flooding.		afternoon			0	0	3	5	Hail (1.00)		
ID2009 Benewah Co., Hells Gulch	30	2343 MST			0	0	3	0	Lightning	Cook Co. Western Springs	17	1710CST			0	0	3	0	Lightning	
									Lightning caused a fire and extensive electrical damage to a home in Hells Gulch.										Lightning transferred from a tree to an underground natural gas pipeline, which ruptured and caught fire.	
11 ILLINOIS										Du Page Co. Naperville										
White Co. North of Norris City	03	evening			0	0	2	0	TSTM Wind (50)		17	2130-2210CST			0	0	4	0	TSTM Wind	
									Gusty thunderstorm winds caused minor damage to sheds on several farms.		2130-2219CST			0	0	4	0	0	Lightning	
De Witt Co. Wapella Area	11	1435CST			0	0	0	0	TSTM Wind										Winds brought down many tree limbs and 5 whole trees, resulting in power outages to 1500 utility customers. Lightning struck six structures and started two house fires, one of which caused \$9,000 damage.	
									Trees toppled by thunderstorm winds caused brief, spotty power outages.	Will Co. Joliet	18	1500CST			1	0	4	0	0	Lightning
Lake Co. Lake Villa	11	1530CST			0	0	0	0	Hail (0.75)										Many lightning strikes associated with a vigorous thunderstorm started at least one house fire and interrupted electric service to 6,000 homes. One man operating a farm tractor was struck and killed. M450	
McHenry Co. 1 SW Marengo	11	1540CST			0	0	?	?	Hai' (1.75)	Henry Co.	18	1800CST			0	0	?	?	TSTM Wind	
																			Several trees were downed in rural areas of northern Henry County north of Geneseo.	
Will County and Cook County										Will County and Cook County										
											18-2330-0400CST			0	0	4	5	0	Flash Flooding	
																			Three separate waves of thunderstorms between the afternoon of the 18th and the early morning of the 19th resulted in a total rainfall of 3 to 5 inches across southern and eastern Will County and extreme southern Cook County. Corn and soybean crops valued at \$100,000 were destroyed by flooding in Will County. In Cook County, several houses in Oak Forest flooded. The houses were built in a flood-prone area and occasionally flood during periods of heavy rainfall.	
										Pike Co. Independence	19	0100CST			0	0	4	0	0	Lightning
																			A lightning-caused fire totally destroyed a house.	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
ILLINOIS									
Henry Co.	20	0200CST 0200- 0300CST			0	0	4	0	Lightning Flash Flood
									A lightning-caused fire destroyed a house 2 miles south of Woodhull. Three to six inches of rain centered in the Atkinson area caused flooding of small streams.
Adams Co. Quincy	20	1350CST			0	0	5	0	Lightning
									A lightning-caused fire destroyed a house which contained a 6000-book library.
Henry, Rock Island, and Whiteside Counties	20	1620- 1730CST 1645- 1800CST			0	0	5	?	TSTM Wind (70) Flash Flood
									Very strong straight-line winds caused considerable damage across the 3 counties. In southern Henry County, a damage area extended from the Nekoma area to Kewanee. In that area several barns collapsed, many metal grain bins were moved from their foundations (some were even rolled), and many trees toppled. In Kewanee, several roofs were damaged. Electric power to 2100 customers was interrupted. Moline and East Moline experienced tree and power line damage from 1700 to 1730 CST. Flash flooding caused considerable damage to field crops on lowland farms in Rock Island and Henry counties.
Peoria and Woodford Counties	20	1730- 1810CST			0	0	4	0	TSTM Wind
									Winds toppled a large tree onto a REACT trailer, nearly severing it. Twenty-five hundred dollars of radio equipment in the trailer was destroyed. Ironically, the trailer was a "disaster trailer" used for community emergencies. Several trees were also downed in Chillicothe. Scattered minor wind damage occurred at several additional locations across Peoria and Woodford counties. In addition, a small tornado touched down near Metamora (see next entry).
Woodford Co. 2 1/2 SE Metamora	20	1743CST	.5	50	0	0	3	0	Tornado (F1)
									A brief tornado touchdown destroyed a barn, scattering lumber across fields. A nearby farm house also experienced damage from flying debris.
Quincy, Adams County	20	1802- 1910CST			0	0	4	0	TSTM Wind
									Winds brought down trees and power lines, interrupting electric to 1,000 customers.
Bureau and La Salle Counties	20	1805- 2100CST 1830- 2200CST			0	0	5	?	Lightning Flash Flood
La Salle Co. Sreator area	20	1950- 2015CST			0	0	4	?	TSTM Wind (52)
									Lightning striking many utility poles caused widespread power outages across the two counties. Entire communities lost electric service for up to several hours. Flash flooding, mainly in the Peru and Ottawa areas of La Salle County, resulted in widespread ponding of water on streets in towns and some rural highways including U.S. Route 6. Two to four inches of rain fell in a 3-hour period. Winds toppled trees in the Sreator area (La Salle County), causing some minor damage.
Ford Co. Sibley	20	2130CST			0	0	2	0	TSTM Wind
									Winds damaged trees in the Sibley area, and also damaged some children's rides in the Sibley Park.
Northern and Central Illinois	21	1700- 2200CST							Severe TSTM's
									Thunderstorms produced severe weather as they advanced south across north and central Illinois. In a few instances, severe thunderstorms moved across certain locations and dissipated, then reformed to the west and moved across the same area once again. Individual county reports follow:
Henry Co. 1 W Mt. Pleasant	21	1715CST			0	0	?	?	Hail (1.5)
Henry, Bureau, and Stark Counties	21	1730- 1845CST			0	0	4	?	TSTM Wind (70)
									A large powerful thunderstorm caused wind damage across a 3-county area, mainly a 30-mile area, a 30-mile wide band extending from Kewanee (Henry Co) in the southwest to Princeton (Bureau Co) on the northeast. Northern portions of Stark County were also affected. Winds broke off 35 utility poles between Kewanee and Princeton, and utility company employees said those poles were designed to withstand winds of 80mph.
Adams Co. 1 S Quincy	21	1805CST			0	0	?	?	Hail (1.75)
Schuyler and Mc Donough Counties	21	1820- 1905CST			0	0	?	3	Hail (1.75)
									Hail ranging from one-quarter to 1.75 inches in diameter fell at many locations. Some minor crop damage was reported. At Macomb (Mc Donough Co), golfball-sized hail covered the ground.
ILLINOIS									
Winnemago Co. Argyle	21	1837CST			0	0	?	?	Hail (1.75)
Pike Co. 5 N Nebo	21	1935CST			0	0	?	?	Hail (1.75)
Brown Co. 1 S Mt. Sterling	21	1940CST			0	0	?	?	TSTM Wind
Fulton Co.	21	1940- 2010CST 1945CST			0	0	4	?	TSTM Wind (61) Funnel Cloud
									Scattered minor wind damage was reported. Significant damage was concentrated in the Canton area, where the roof of a car wash was blown off. A funnel cloud also appeared over Cuba.
Morgan Co. Jacksonville	21	1955CST 2000CST			0	0	?	?	Hail (1.75) TSTM Wind
									Golfball-sized hail occurred at scattered locations in town and winds brought down power lines on the southwest side.
Bureau Co.	21	1955- 2015CST 1955- 2015CST			0	0	4	4	Hail (1.00) TSTM Wind (52)
									Large hail and damaging winds occurred at scattered locations. Several areas reported trees and power lines down.
Scott Co. Winchester	21	2000CST			0	0	?	0	Hail (1.00)
									Hail up to 1 inch in diameter fell just southwest of Winchester.
Stark Co.	21	2005- 2030CST			0	0	4	?	TSTM Wind (52)
									Thunderstorm winds caused tree damage in east and northeast sections of the county, especially around Bradford and Wyoming.
Marshall, Peoria, and Woodford Counties	21	2025- 2115CST			0	0	4	4	TSTM Wind (57)
Peoria County, Hanna City	21	2025CST			0	0	0	0	Funnel Cloud
									Many trees and large limbs were downed at scattered locations across the 3 counties. Communities reporting trees down included Henry and Lacon (Marshall Co); Chillicothe, Peoria, Pekin, and Farmington (Peoria Co); and Spring Bay and Low Point (Woodford Co). A combination of heavy rain and wind also flattened some field crops in the counties. A funnel cloud appeared briefly over Hanna City (Peoria Co) around 2025CST. Wind overturned a trailer at the Marshall County Airport.
Sangamon County: Williamsville	21	2035CST			0	0	0	0	Funnel Cloud
Springfield	21	2037- 2050CST			0	0	4	0	TSTM Wind
Salisbury	21	2057CST			0	0	4	?	TSTM Wind
									A funnel cloud was seen east of Interstate 55, 10 N Springfield, at Williamsville. In Springfield, winds brought down trees and damaged electric utilities at several locations. A total of 1200 houses lost electric power in Springfield. At Salisbury, which is 10 NW of Springfield, winds toppled trees and destroyed a barn.
Lee Co., Harmon	21	2045CST			0	0	?	?	TSTM Wind (60)
Tazewell, Mason, Woodford, and McLean Counties	21	2100- 2145CST 2110- 2130CST			0	0	4	?	TSTM Wind Hail (1.25)
									A destructive combination of winds and large hail swept the counties, resulting in widespread damage. In Morton (Tazewell Co.), 400 homes were without power for several hours when trees fell across power lines. Hail and wind caused considerable damage to field crops.
De Witt, Macon, and Champaign Counties	21	2115- 2220CST 2119CST			0	0	4	?	TSTM Wind (70) Funnel Cloud
									Winds blew over a trailer and pulled down power lines in Clinton (De Witt Co) and at scattered locations across all three counties. A funnel cloud occurred at Orama (Macon Co). At 2200CST, wind equipment at WCIA-TV clocked winds at 65mph, and it was estimated that winds gusted to 80mph in rural area just north of there.
Marshall Co. Henry	21	2130CST			0	0	3	0	TSTM Wind
									Winds toppled several large trees, one of which crashed onto a house.
La Salle Co. Mendota	21	2130CST			0	0	3	?	TSTM Wind
									Winds damaged trees and power lines.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
ILLINOIS									
Winnemago County: Rockton	21	2250CST			0	0	?	?	Hail (1.00)
1 E Roscoe	21	2245CST			0	0	?	?	Hail (1.75)
Stephenson County: Orangeville	27	1930CST			0	0	4	0	TSTM Wind
5 S Lena	27	1955CST			0	0	3	0	TSTM Wind
									Wind sent a large oak tree crashing into a 3-story home, causing considerable damage. Other minor wind damage occurred at scattered locations across northern Jo Daviess, Stephenson, and Winnemago counties.
Grundy Co. 1 1/2 S Morris	29	1400CST			0	0	4	0	TSTM Wind
									A wind gust removed a large section of roof from an apartment building, scattering debris for several yards and also damaging an automobile parked nearby. A metal shed in the area was also destroyed by the wind.
Du Page Co. Hinsdale	29	1445CST			1	1	0	0	Lightning
									Lightning struck a tree under which two golfers had taken shelter. One was killed; the other received minor burns. M450
Massac Co. 3 S Unionville	30	0945CST			1	0	0	0	TSTM Wind
									A tree, toppled by high winds, crushed a camper trailer at Kinneman Lake near Unionville, killing one of three occupants. M350
Richland Co. 3.5 N. Claremont	30	1100CST			0	0	1	0	Lightning
									Lightning struck a 110-gallon oil storage tank near a rural house, causing the tank to explode and burn.
Iroquois Co. Ford	30	1205-1245CST			0	0	3	3	TSTM Wind
									Winds toppled trees and caused minor structural damage in an area from central Ford County to extreme southwest Iroquois County. Damage was reported in Gibson City (Ford Co) and Loda (Iroquois Co).
Cook Co., Lemont	31	1735CST			0	0	0	0	Hail (1.00)
Cook Co., Chicago	31	1805CST 1755-1830CST			1	0	0	0	Lightning
					0	0	3	0	TSTM Wind (55)
									A power line downed by lightning in an alley on the South Side electrocuted a girl who tried to jump over it. In addition, nine fallen trees were reported on the South Side in association with strong gusty thunderstorm winds. F120
Whiteside and Henry Counties	31	1830CST	10	0.5 mi.	0	0	?	?	Hail (1.00)
									Large hail fell in a small area of extreme north Henry and extreme south Whiteside counties, probably in a narrow band from just north of Joslin to just south of Spring Hill.
Grundy Co. Morris	31	1830CST			0	0	4	0	TSTM Wind
					0	0	?	?	Hail (0.75)
Woodford Co.	31	2105CST			0	0	?	?	Hail (0.75)
									A few large hailstones fell in rural area south of Eureka in southern Woodford County.
12 INDIANA									
Whitley County, Columbia City	14	1600EST			0	0	3	0	TSTM Wind
									The Whitley County Sheriff and officials of the local power company reported power lines and 5-inch diameter tree limbs down.
Noble County, Laotto	14	1610EST			0	0	1	0	TSTM Wind
									The Noble County Sheriff's Department and a spotter reported a tree and some 2-inch diameter tree limbs down.
Miami County, Denver	14	1707EST			0	0	0	0	Wind
									Several one foot in diameter trees were downed.
Jefferson County, Lancaster	14	1912EST			0	0	0	0	Wind
									State Police reported that trees were downed by strong thunderstorm winds.
Jefferson County: Hanover	19	1510EST			0	0	4	0	Wind
Kent	19	1515EST			0	0	0	0	Wind
Deputy	19	1530EST			0	0	4	0	Wind
									State Police reported that trees and power lines were downed west of Hanover. A large tree was reported as downed over a trailer there as well. Trees were also blown down at Kent, and a roof was blown off of a barn at Deputy.
INDIANA									
Montgomery County, Crawfordsville	20	1203EST			0	0	3	0	Wind
									Several trees were blown down in the city. One tree landed on two cars. Damage was estimated at around \$5000.
Montgomery County, 3 W Lennsburg	20	1236EST			0	0	0	0	Wind
									Trees were downed by strong winds.
Vermillion County, Clinton and Fairview Park	20	1330EST			0	0	0	0	Wind
									Trees were downed by strong winds.
Western Parke County	20	1340EST			0	0	0	0	Wind
									Trees were downed by strong winds 5 miles south of Montezuma and near Lynford.
Owen County, Spencer	20	1429EST			0	0	0	0	Wind
									Trees downed by winds blocked roads.
Knox County, North Knox and Oaktown	20	1500EST			0	0	5	0	Lightning
									Lightning set fire to three homes and damaged parts of several other structures.
Lawrence County	20	1505-1530EST			0	0	3	0	Wind, Hail, Rain, and Lightning
									The downing of trees by wind; flooding, hail, and lightning occurred in Lawrence County from Williams through Bedford to Guthrie. Nearly four inches of rain fell in northern Lawrence County. Water flooded a campground and a tree was knocked down on a house at Williams. Power to 150 people near and west of Guthrie was knocked out by lightning. Golfball size hail fell at Guthrie as well.
Monroe County	20	1515-1530EST			0	0	4	0	Wind, Hail, Rain
									Hail of up to quarter size fell from near Monroe Reservoir to Bloomington. Some trees and power lines were downed by winds and lightning. Thousands were without electricity in Bloomington for several hours. Lightning struck a couple of houses and trees. A half-dozen cars were stalled due to high water and flooding in downtown Bloomington.
Knox County, Vincennes	20	1750EST			0	0	5	0	Lightning, Wind, and Heavy Rain
									Streets in Vincennes were blocked by fallen limbs; one limb was three feet in diameter. Flooding produced water of up to four feet deep, stalling cars. Many were without power due to lightning and fallen trees which severed wires. Lightning also ignited several fires. Damage was estimated at \$100,000.
Knox County, Vincennes	20	1800EST			0	1	0	0	Flooding
									A 9-year-old boy was swept away by rushing waters as he was playing in a puddle. The child was rescued; the rescuer was treated for cuts on the legs and chest.
Wells County	21	1130EST			0	0	0	0	Hail (0.75), Winds
									Strong winds and 3/4 inch hail were reported.
Allen County, Huncertown	21	1305EST			0	0	0	0	Hail (0.75)
									Three-quarter inch diameter hail was reported.
Randolph County, Modoc	21	1305EST			0	0	0	0	Hail (1.75)
									Golfball size hail fell at State Routes 36 and 1 near Muncie.
Noble County, Laotto	21	1315EST			0	0	0	0	Hail (0.75)
									Hail of up to penny size was reported near Laotto.
Wells County, Markle	21	1330EST			0	0	2	0	TSTM Wind and Hail (0.75)
									A strong thunderstorm produced 3/4 inch hail, and winds that downed several trees just east of Markle.
Wayne County, Hagerstown	21	1332EST			0	0	0	?	Hail
									Hail much larger than marble size fell at Hagerstown.
Western Wayne County	21	1335EST			0	0	?	?	Hail, Winds
									Large hail and damaging winds occurred from Cambridge City to Hagerstown.
Wayne County, Hagerstown	21	1400-1500EST			0	0	?	?	Flash Flooding
									More than six inches of rain fell in Hagerstown. The flooding stranded two men and a dog in chest-deep water on Olive Branch Road northeast of Hagerstown. All were rescued.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

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

INDIANA

Grant County, Upland	21	1400EST							Lightning, Wind
Strong winds and lightning downed trees and cut off power in Upland in southeast Grant County.									
Wayne County, Richmond	21	1400EST							Lightning
Lightning struck and burned a transformer at Johnson Street substation in Richmond.									
Allen County, Hometown	21	1505EST							Hail (0.75)
A strong thunderstorm produced 3/4 inch hail just west of Hometown.									
Huntington County, Mt. Etna	21	1530EST							Lightning
A barn was destroyed along with its contents by fire after it was struck by lightning. A large quantity of farm chemicals was stored inside. The total loss was estimated at \$163,640.									
Grant County, Marion	21	1700EST							Flooding
Nearly three inches of rain fell at Marion in a few hours. Some roads were closed by high water and two homes were flooded.									
Dekalb County, Laotto	22	1515EST							Hail (0.75)
Nickel size hail was reported just east of Laotto.									
Jackson County, Brownstown	25	1615EST							Lightning
A tree under which a 36-year-old man and a 32-year-old woman were standing was struck by lightning. Both suffered injuries.									
Jackson County, Tampico	25	1729EST	40**	15	0	0	2	0	Tornado (F0)
A small tornado briefly touched down one mile east of Tampico. It moved a trailer and uprooted some trees. **yards instead of miles									
Jackson County, Seymour	25	1737EST	100**	20	0	0	5	0	Tornado (F1)
A tornado moving north-northeast damaged an industrial complex on the south edge of Seymour. Some houses in the city were also damaged. A roof was torn off of a warehouse and damaged a nearby tractor-trailer.									
Bartholomew County, 10 S Columbus	25	1755EST	20**	20	0	0	0	0	Tornado (F0)
A brief touch down of a small tornado was reported.									
Bartholomew County	25	1758EST							Winds
Strong winds downed trees near Jacksonville in southeast Bartholomew County.									
Decatur County, 3 NE Westport	25	1808EST							Wind
Trees were downed by strong winds.									
Ripley County, W of Osgood	25	1852EST							Winds
Winds downed trees west of Osgood. Numerous power outages occurred at Versailles, Osgood, and Napoleon.									
Clark County	27	1800EST							Hail (0.75)
Three-quarter inch diameter hail fell between Charlestown and Otisco.									
Jefferson County	27	1840EST							Wind
Trees were downed on the roadway three miles south of Chelsie on State Route 62. One car was damaged by a falling tree.									
Shelby County, 5 of Shelbyville	29	1655EST							Wind
A barn was destroyed by high winds. Damage was estimated at less than \$50,000.									
Shelby County, Shelbyville	29	1705EST							Wind
Trees were downed by strong winds.									
Hendricks County: 3 NW Danville	29	1917EST							Hail (0.75)
2 N Danville	29	1925EST							Hail (1.75)
2 W Pittsboro	29	1933EST							Winds
Three-quarter inch diameter hail was reported 3 miles northwest of Danville; golfball size hail was reported 2 miles north of Danville; and trees were downed and power lines snapped by strong winds 2 miles west of Pittsboro.									

INDIANA

Vanderburgh County, Evansville	30	*1058EST							Winds
Sixty-nine mile per hour winds shattered windows and downed power lines in Evansville.									
Owen County	30	1415EST							Wind
Trees and power lines were downed by strong winds along Highway 54 near Bloomfield.									
Border of Boone and Marion Counties	30	1456EST							Wind
Several trees were downed on the Boone-Marion county line and at the Boone County Fairground. Two house trailers were damaged when trees fell on them near the fairground. One person was injured.									
Harrison County	30	1517EST							Wind
Trees were downed north of Corydon.									
Hamilton County	30	1520EST							Wind
Several one-foot to two-foot diameter trees were downed near Carmel by strong winds. A funnel cloud was also reported.									
Marion County	30	1520EST							Winds
Strong winds blew out windows at 40th and Millersville Road on the east side of Indianapolis.									
Hamilton County	30	1530-1540EST							Winds
Trees were downed by strong winds two to three miles southeast of Noblesville.									
Marion County, Northeast Indianapolis	30	1535EST							Winds
About a dozen small aircraft were damaged when high winds struck the Metro Airport. Three planes were destroyed and others were extensively damaged.									
Madison County, 4 S Anderson	30	1545EST							Wind
Several trees were uprooted.									
Marshall County, Bremen	30	1550EST							Wind
Winds of 60 mph were reported in Bremen in northern Marshall County.									
Madison County	30	1555EST							Wind
A cluster of trees was blown down north of Chesterfield in east-central Madison County.									
Decatur County, Adams	30	1600EST							Winds
Three mobile homes experienced minor damage due to strong winds near Adams in northwest Decatur County.									
Randolph County	30	1610EST							Winds
Mobile homes were overturned a few miles east of Ridgeville on State Route 28 and four miles west of the Indiana-Ohio state line on State Route 28 in northern Randolph County.									
Rush County	30	1615-1625EST							Winds
Large trees were downed by strong winds north of Rushville in north-central Rush County.									
Huntington County: 5 SW Huntington	30	1630EST							TSTM Wind
Huntington	30	1705EST							TSTM Wind
At 1630 EST, 60 mph winds were reported southwest of Huntington. About a half hour later in Huntington, power lines, tree limbs, and traffic lights were blown down. A tree was blown over onto a house.									
Whitley County: Blue Lake	30	1726EST							TSTM Wind
6 E Columbia City	30	1745EST							TSTM Wind
3 S Columbia City	30	1745EST							TSTM Wind
At Blue Lake, 60 mph winds were reported and the tree tops were blown out of a strip of trees. East of Columbia City, trees were downed and the chimney was blown off of a mobile home. South of Columbia City, windows were blown out of a mobile home.									
Dekalb County, Auburn	30	1750EST							TSTM Wind
Large trees were reported down at County Road 68 just west of State Road 327 in southwest Dekalb County.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
13 IOWA									
O'Brien County, Sheldon	02	0045 CST			0	0	4	0	Lightning
Lightning struck a farm house near Sheldon. Appliances in the house were destroyed and plaster was knocked off the ceilings and several windows were knocked out.									
Polk County, 7N Ankeny	02	1415 CST	0.1	10	0	0	0	0	Tornado (F0)
A small tornado touched down briefly in a farm field.									
Polk County, 16N Des Moines	02	1424 CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported near Big Creek State Park.									
Polk County, 11N Ankeny	02	1430 CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported near Huxley									
Polk County, Des Moines	02	1512 CST			0	0	2	0	Hail (1.00)
Dime size and larger hail covered the ground near the intersection of Interstate 80 and the Des Moines River.									
Polk County, 1/2 S Ankeny	02	1522 CST			0	0	4	0	Hail (2.00)
Golf ball and larger size hail broke a car windshield and did over \$4500 damage to a truck.									
Polk County, Des Moines	02	1532 CST			0	0	2	0	Hail (0.75)
Dime size hail fell at the intersection of 46th and Hubbell in Des Moines.									
Wapello County, Ottumwa	03	0925 CST			0	0	3	0	Thunderstorm Winds (51)
A wind gust of 59 MPH occurred in a thunderstorm over Ottumwa, knocking down tree limbs and power lines.									
Central into South-Central Iowa IAZ010-013-014	03	Afternoon-04 All Day			0	0	3	0	Flooding
Minor flooding occurred along the Chariton and South Skunk Rivers due to heavy rainfall during the morning of the 3rd.									
Clay County, Spencer	13	2002 CST			0	0	3	0	Thunderstorm Winds (55)
A wind gust of 63 MPH was recorded at Spencer.									
Wright County, Belmond	13	2245 CST			0	0	5	0	Thunderstorm Winds (65)
Wind gusts of 75 MPH tore a roof off a house 1/2 mile north of Belmond and blew a semi-truck off Highway 69 just north of Belmond. Numerous trees and power lines were blown down in the area.									
Keokuk County, Keota	17	1715 CST	0.2	20	0	0	3	0	Tornado (F0)
A small tornado touched down on a farmstead just north of Keota. It uprooted trees and scattered parts of a metal roof over a nearby field.									
Clarke County, Murray	18	1335 CST			0	0	3	0	Lightning
Lightning struck a building in Murray, knocking out bricks and ripping an awning from the building									
Decatur County, 1/2 N Lamoni	18	1645 CST			0	0	4	0	Thunderstorm Winds (60)
Decatur County, Davis City	18	1655 CST			0	0	3	0	Thunderstorm Winds (60)
A thunderstorm moved across southern Decatur County. Winds of 60 to 70 MPH blew a roof off a barn, 1/2 mile north of Lamoni. Considerable tree and power line damage was reported from Lamoni to Davis City.									
Decatur County, 1 SE Lamoni	18	1733 CST			0	0	3	0	Thunderstorm Winds (52+)
Thunderstorm winds in excess of 60 MPH blew a roof off a (52+) machine shed.									
Taylor County, 2N Bedford	19	1820 CST	6	15	0	0	3	4	Tornado (F0)
A small tornado touched down north of Bedford and was on the ground intermittently for about 6 miles as it moved east. Some minor damage was reported. The storm produced marble size hail and 5 1/2 inches of rain.									
Ringgold County, Mount Ayr	19	1935 CST			0	0	0	0	Funnel Clouds
Ringgold County, Mount Ayr	19	1935 CST			0	0	4	4	Thunderstorm Winds (60)
A thunderstorm produced several funnel clouds, winds of 60 to 70 MPH and marble size hail at Mt. Ayr. Numerous trees and power lines were blown down in the area.									
Warren County, New Virginia	19	2059 CST			0	0	3	0	Thunderstorm Winds (52+)
A thunderstorm with winds in excess of 60 MPH downed large trees as well as power lines at New Virginia.									
Washington County, Louisa County, and Muscatine County; 3 SW Crawfordville to 3 NE Nichols	20	1330 CST	25	25	0	0	5	0	Tornado (F1)
A small tornado first touched down 3 miles southwest of Crawfordville, damaging several farm buildings there. It skipped along until it dissipated 3 miles northeast of Nichols in Muscatine County. Three farms had significant damage near Nichols.									
Union County, Creston	20	1415 CST			0	0	3	3	Hail (1.75)
Golf ball size hail was reported near Creston.									
Johnson County, Solon	20	1503 CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported near Solon.									
Clinton County, Camanche	20	1600 CST			0	0	5	0	Lightning
Lightning struck and destroyed an apartment building in Camanche. Damage was set at \$225,000.									
IOWA									
Scott County, Davenport	20	1600 CST			0	0	5	0	Thunderstorm Winds (52+)
Muscatine County, Muscatine	20	1600 CST			0	0	4	0	Thunderstorm Winds (54)
Scott County, Donahue	20	1650 CST			0	0	4	0	Thunderstorm Winds (52+)
A thunderstorm with winds in excess of 60 MPH blew over a barn near Davenport and caused extensive tree and power line damage. Winds with the storm were recorded at 62 MPH at Muscatine and downed several trees. Another barn was blown down near Donahue.									
Benton County, 1N Van Horne	20	1605 CST			0	0	3	0	Thunderstorm Winds (52+)
A thunderstorm produced heavy rain, pea size hail. Winds (52+) with the thunderstorm were over 60 MPH, resulting in electrical poles being blown over north of Van Horne, and near Keystone.									
Mahaska County, Oskaloosa	20	1708 CST			0	0	4	0	Thunderstorm Winds (52+)
Winds in excess of 60 MPH downed trees and power lines in the Oskaloosa area.									
Bremer County, Denver	20	1711 CST			0	0	5	0	Hail (2.75)
A thunderstorm produced considerable golf ball size hail and some as large as baseballs. Marble size hail accumulated to a depth of 3 inches southeast of Denver.									
Blackhawk County, 10S Waterloo	20	1747 CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported 10 miles south of Waterloo.									
Worth County, 3S Crafton	20	1800 CST			0	0	4	0	Thunderstorm Winds (57+)
Strong winds (65+ MPH) lifted a machine shed off its foundation and destroyed it.									
Bremer County, Sumner	20	1840 CST			0	0	3	0	Hail (0.75)
Dime size hail was reported near Sumner.									
Pottawattamie County, Council Bluffs	20	2045 CST			0	0	4	0	Lightning
Numerous lightning strikes knocked out the power to several hundred homes in Council Bluffs.									
Montgomery County, SN Villisca	20	2245 CST	4	20	0	0	5	0	Tornado (F1)
A tornado touched down 8 miles north of Villisca, destroying several outbuildings on a farm. Some fragments were carried 4 miles to the northeast.									
Southwest Iowa NEZ010-IAZ012	20	All Day-21 All Day			0	0	3	0	Flooding
Heavy rains from the night of the 19th into the early morning of the 20th caused minor flooding along the Mishnabotna River.									
Henry County, 2W Mt Pleasant	21	1715 CST			0	0	3	0	Hail (1.50)
A thunderstorm produced pea to marble size hail, with some nearly golf ball size.									
Van Buren County, Mount Sterling	21	1750 CST			0	0	3	0	Hail (2.00)
Hail up to the size of golf balls and larger covered the ground.									
Lee County, Argyle	21	1837 CST			0	0	2	0	Hail (1.75)
Golf ball size hail was reported at Argyle.									
Sioux County, 5 NE Hawarden	25	1630 CST			0	0	4	0	Thunderstorm Winds (61+)
A thunderstorm with winds of 70 MPH or more destroyed several outbuildings on a farm. Debris was spread 1 1/2 miles to the northeast. Damage was estimated at \$7,000.									
Cherokee County, 3NW Cherokee	25	1730 CST			0	0	4	0	Thunderstorm Winds (61+)
Thunderstorm winds over 70 MPH blew a mobile home off its foundation. Several outbuildings were destroyed on nearby farms. Numerous trees were blown over near Mariden by winds.									
Southwest Iowa IAZ012-NEZ010	20	All Day-31 All Day			0	0	7	6	Flooding
Excessive rainfall during the last 12 days of the month caused extensive flash flooding and record river flooding. The Southwest Iowa counties of Mills, Montgomery, Fremont and Page suffered the worst of the flooding. Rainfall totals for the final 12 days of May ranged up to 17 inches. Normal for Southwest Iowa for the entire month of May is 4.14 inches. The worst flooding occurred following the heavy rain episode of May 26th. Rainfall began at 200 AM and totalled 10 inches by nightfall in Mills and Montgomery Counties. During the flood, about 57,000 acres of farm land were flooded. Severe erosion (20 tons per acre) occurred on 430,000 acres. In Mills County 8 million feet of terraces received major damage, with minor to moderate damage to another 8 million feet. The West Nishnabotna River crested at 24.19 feet, which was a record flood. The Nishnabotna River at Hamburg crested at 28.05 feet, which was also a record flood. Early damage estimates include nearly \$4.2 million to private non-agricultural property, over \$5.5 million in physical agricultural damage, and nearly \$2.9 million in crop losses. The total loss was nearly \$16 million.									
Mills County and Montgomery County	26	0412 CST			0	0	5	4	Flash Flood
A flash flood warning was issued for Mills and Montgomery counties as flash flooding began in those counties.									
Page County, 3SE Shenandoah	26	1015 CST			0	0	4	0	Lightning
Lightning struck a barn, setting it on fire and destroying it.									
Pottawattamie County, Shelby County; Treynor to 6N Harlan	26	1510 CST	36	50	0	0	6	4	Tornado (F1)
A tornado touched down at intervals from near Treynor to 6 miles north of Harlan. Farm buildings were damaged near Treynor and an airplane hangar was lifted and carried 1/4 mile. Two barns, a machine shed and a grain bin were destroyed southeast of Minden. Property damage was placed at \$100,000 on one farm near Shelby as the tornado lifted several outbuildings off their foundations. There were numerous reports along the tornado path of trees and fences being uprooted.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	

IOWA										
Page County, Shenandoah	26	1515 CST	1	40	0	0	5	2	Tornado (F1)	A tornado touched down at the American Legion Country Club in Shenandoah. Trees were uprooted, cars flipped over, and street lights were knocked down. There was some minor structural damage to nearby houses.
Pottawattamie County, Neola	26	1525 CST	1	20	0	0	4	2	Tornado (F1)	A tornado touched down near Neola and destroyed a few farm buildings.
Montgomery County, Stanton	26	1535 CST	0.2	20	0	0	4	2	Tornado (F0)	A small tornado touched down, tearing up trees and damaging several farm buildings.
Adair County, Bridgewater to Fontanelle	26	1600 CST			0	0	3	4	Hail (0.75)	Dime size hail occurred along with 40 to 50 MPH winds.
Adair County, Fontanelle	26	1615 CST			0	0	4	0	Thunderstorm Winds (52+)	A second thunderstorm moved through Fontanelle, producing wind gusts of over 60 MPH. Several trees were toppled and some building damage was reported at Fontanelle.
Pottawattamie County, SE Oakland	26	1630 CST	0.2	40	0	0	4	2	Tornado (F1)	A tornado touched down briefly on a farm 3 miles east of Oakland, damaging three outbuildings, a mobile home, and a silo.
Greene County, Jefferson	26	1655 CST			0	0	3	0	Thunderstorm Winds (55)	A thunderstorm produced winds recorded at 63 MPH at the Jefferson Airport. Several trees were uprooted in the area.
Dallas County, Perry	26	1700 CST			0	0	3	2	Thunderstorm Winds (50)	A thunderstorm produced winds strong enough to down several trees in Perry. The airport at Perry recorded winds of 56 MPH.
Appanoose County, Centerville	26	1710 CST			0	0	3	0	Hail (0.75)	A thunderstorm produced marble to dime size hail at the Centerville Airport. A funnel cloud was sighted later from the same storm system.
Appanoose County, Moravia	26	1900 CST			0	0	3	0	Lightning	Lightning struck a home, damaging several appliances and burning a hole in the floor.
Jones County, Wyoming	27	1929 CST			0	0	3	0	Thunderstorm Winds (52+)	
Jackson County, Canton	27	1945 CST			0	0	4	0	Thunderstorm Winds (52+)	Thunderstorm winds in excess of 60 MPH downed power lines at Wyoming in Jones County and twisted a house from its foundation near Canton in Jackson County.
Iowa County, Williamsburg	30	1645 CST			0	0	3	0	Thunderstorm Winds (52+)	A thunderstorm with winds over 60 MPH moved through the area, uprooting several trees near Williamsburg.
Scott County, Walcott	30	1800 CST	0.5	15	0	0	3	2	Tornado (F0)	A small tornado touched down briefly just east of Walcott.
Pottawattamie County, 4S Council Bluffs	30	1945 CST			0	0	0	0	Funnel Cloud	A funnel cloud was reported 4 miles south of Council Bluffs.
Monona County, 7N Onawa	30	2015 CST			0	0	3	5	Thunderstorm Winds (52)	Winds up to 60 MPH along with small hail caused minor property damage and destroyed 5,000 acres of corn and soybeans.
Mills County, Mineola	30	2030 CST			0	0	2	3	Hail (1.75)	
	30	2030 CST			0	0	0	0	Funnel Cloud	Golf ball size hail fell near Mineola, damaging some crops and gardens. A funnel cloud was also reported near Mineola.
Pottawattamie County and Cass County, Walnut to 4N Atlantic	31	1438 CST	8	20	0	0	3	3	Tornado (F1)	A tornado touched down in northeast Pottawattamie County and moved east into northwest Cass County.
Union County, Creston	31	1440 CST			0	0	2	3	Hail (0.75)	Marble to dime size hail and heavy rains moved through the Creston area.
Shelby County, Elkhorn	31	1512 CST			0	0	0	0	Funnel Clouds	Several funnel clouds were reported near Elkhorn.
Audubon County, Exira	31	1523 CST			0	0	3	3	Hail (1.75)	A thunderstorm produced golf ball size hail near Exira.
Dallas County, 4NW Dallas Center	31	1540 CST	1	20	0	0	3	3	Tornado (F0)	A small tornado touched down briefly northwest of Dallas Center. Most of the damage was limited to the downing of trees.
Guthrie County, 6S Guthrie Center	31	1544 CST			0	0	3	4	Hail (1.75)	Golf ball size hail occurred 6 miles south of Guthrie Center.
Clarke County, Murray	31	1549 CST			0	0	3	3	Hail (0.75)	Dime size hail occurred with a thunderstorm at Murray.
Davis County, 3W Bloomfield	31	1600 CST			0	0	0	0	Funnel Cloud	A funnel cloud was reported 3 miles west of Bloomfield.
Clarke County, Osceola	31	1612 CST			0	0	3	4	Hail (1.00)	A thunderstorm produced dime to quarter size hail in Clarke County, mostly west and north of Osceola. Some wind damage was reported with winds over 50 MPH.
Lucas County, Chariton	31	1710 CST			0	0	3	3	Hail (0.75)	A thunderstorm moved into Lucas County producing dime size hail and some minor wind damage at Chariton.

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	

IOWA										
Monroe County, Melrose	31	1726 CST			0	0	2	3	Hail (0.75)	Dime size hail occurred in a thunderstorm near Melrose.
Lucas County, Lucas	31	1730 CST			0	0	4	3	Thunderstorm Winds (52+)	These winds downed numerous trees and power lines.
Appanoose County, 4N Plano	31	1938 CST			0	0	2	3	Hail (0.88)	Nickel size hail from a thunderstorm that crossed into Appanoose County from Wayne County was reported north of Plano.
14 KANSAS										
Miami Co., 2N Paola	02	1720CST			0	0	0	0	Hail(1.75)	Three-quarter inch hail fell briefly north of Paola.
Jackson Co., Circleville	02	1943CST			0	0	2	0	Hail(1.25)	Hail the size of half dollars fell at Circleville.
Seward Co., 14N Liberal	03	1440CST			0	0	0	0	Funnel	A funnel was seen north of Liberal.
Haskell Co., Satanta	03	1513CST	3	100	0	0	6	0	Tornado(F2)	A funnel formed first southeast of Satanta, but dissipated. It formed again and came to the ground on the east side of the town and moved west-southwest through town. The twister left more than \$3 million in damage. It destroyed 7 mobile homes and 2 houses, and left 90 other homes with damage. There were no injuries.
Grant Co., 8S Hickok	03	1547CST			0	0	0	0	Funnel	
Ulysses	03	1615CST			0	0	3	4	TSTM Wind(61), Hail(1.0)	
Stanton Co., 10S Big Bow	03	1625CST			0	0	3	3	TSTM Wind(61), Hail(1.75)	
Ffinney Co., 3S Garden City	03	1707CST	.5	100	0	0	0	0	Tornado (F0)	
2SW Garden City	03	1719CST			0	0	3	3	TSTM Wind(61), Hail(1.75)	A line of thunderstorms produced wind gusts estimated at near 70mph and hail 3/4 to an inch in diameter as it moved across Finney, Grant and Stanton Counties in Southwest Kansas. A tornado also touched ground briefly south of Garden City, but it did no damage.
Osage Co., Overbrook	03	1607CST			0	0	0	0	Hail(1.75)	Three-quarter inch hail fell briefly at Overbrook.
Miami Co., near Osawatimie	04	1630CST			0	0	5	0	Lightning	Lightning set fire to a home southwest of Osawatimie. The home and contents were a total loss.
Sumner Co., Wellington	05	1315 to 1415CST			0	0	4	4	Hail(1.75)	A thunderstorm developed over Wellington and moved very little. It intermittently dropped marble to golfball size hail upon the south and east parts of the city.
Cowley Co., 4S Winfield	05	1510CST			0	0	0	0	Funnel	A funnel was seen south of Winfield.
Kingman Co., Rago	05	1610CST			0	0	0	0	Funnel	A funnel was sighted near Rago.
Crawford Co., Pittsburg	05	1610CST			0	0	3	2	Hail(1.75)	
4S Pittsburg	05	1622CST			0	0	3	2	Hail(1.75)	A thunderstorm dropped golfball size hail in and south of Pittsburg.
Johnson Co., Gardner	11	1755CST			0	0	3	0	Hail(1.75)	Golfball size hail fell just north of Gardner.
Cowley Co., 10NE Winfield	11	1820CST			0	0	0	0	Hail(1.75)	Three-quarter inch hail fell briefly northeast of Winfield.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	KILLED	INJURED	PROPERTY	CROPS	
KANSAS													
Sherman Co: 15SW Goodland Kanorado	17	1852CST			0	0	0	0	Funnel				
	17	1900CST			0	0	1	2	Hail(.75)				
A severe thunderstorm in eastern Colorado moved across Sherman County and weakened. A funnel was seen southwest of Goodland and 3/4 inch hail fell at Kanorado.													
Chase Co: Toledo	18	1607 to 1625CST	4	300	0	0	6	0	Tornado(F2)				
Toledo	18	1620 to 1640CST			0	0	0	0	3 Funnels				
Lyon Co: 3W Emporia 1W Emporia	18	1635CST	.5	50	0	0	5	0	Tornado(F1)				
	18	1645CST			0	0	0	0	Funnel				
A tornado came to the ground 2.5 miles southwest of the Toledo community in northeast Chase County. It moved east-northeast through the settlement at 1620CST. No injuries resulted, but 9 homes and 5 mobile homes sustained major damage. Three other funnels that did not touch down were also seen in the Toledo area.													
Another tornado touched ground briefly 3 miles west of Emporia. It damaged 7 mobile homes and another home, and tore the roof from a building. It, too, caused no injuries.													
At least one other funnel cloud was seen just west of Emporia.													
Cowley Co: 1W Arkansas City 1NW Arkansas City	18	1750CST			0	0	0	0	Funnel				
	18	1800CST			0	0	0	0	Funnel				
Woodson Co: 12NW Yates Center 8SW Gridley	18	1750CST			0	0	0	0	Funnel				
	18	1825CST			0	0	0	0	Funnel				
Greenwood Co: 4W Eureka Hamilton	18	1800CST			0	0	0	0	Funnel				
	18	1815CST			0	0	0	0	Funnel				
Funnels were seen near Arkansas City, Yates Center and Eureka. None touched ground or caused damage.													
Wyandotte Co: Piper Kansas City Johnson Co, Overland Park	18	1800CST			0	0	3	0	Hail(1.0), Funnel				
	18	1830CST			0	0	4	0	Hail(1.75)				
	18	1825CST			0	0	4	0	Hail(1.5)				
1 inch diameter hailstones fell at Piper and a funnel cloud was seen nearby. Golfball size hail fell near 73rd and State on the west side of Kansas City, Kansas, and at 18th and Central. Hail about an inch and a half in diameter fell in Overland Park.													
Sherman Co, 3.5SW Goodland	18	2103CST			0	0	2	3	TSTM Wind(60)				
A line of thunderstorms moved out of Colorado and produced strong winds as they moved across extreme Northwest Kansas.													
Bourbon Co, Fort Scott	18	2155CST			0	0	0	0	TSTM Wind(56)				
A 64mph thunderstorm wind gust was measured at the Fort Scott Airport.													
Republic Co, 3NE Cuba Washington Co, 2W Haddam	19	0510CST			0	0	2	3	Hail(1.0)				
	19	0510CST			0	0	2	3	Hail(1.0)				
A thunderstorm dropped inch diameter hailstones near the Republic-Washington county border east of Belleville.													
Mitchell Co, 3N Beloit Cloud Co: Jamestown 5N Concordia	19	1214CST			0	0	2	2	TSTM Wind(52)				
	19	1222CST			0	0	2	2	TSTM Wind(61)				
	19	1245CST			0	0	2	2	TSTM Wind(61)				
A severe thunderstorm produced wind gusts estimated at 60 to 70 mph as it moved east across northern parts of Mitchell and Cloud counties.													
Jewell Co, Lovewell Dam	19	1655CST			0	0	2	3	Hail(2.5)				
A thunderstorm dropped hail 1.5 to 2.5 inches in diameter around Lovewell Reservoir.													
Kingman Co: 7SE Kingman 7W Kingman	20	1245CST			0	0	0	0	Funnel				
	20	1335CST			0	0	0	0	Funnel				
Two funnels were seen near Kingman.													
KANSAS													
Labette Co: 5E Altamont Bartlett 3N & 3W Oswego 6E Parsons 10SW Oswego Oswego	21	1620CST			0	0	2	2	Hail(1.5)				
	21	1620CST			0	0	2	2	Hail(1.5)				
	21	1630CST			0	0	0	0	Hail(1.75)				
	21	1715CST			0	0	2	2	Hail(1.5)				
	21	1750CST			0	0	0	0	Funnel				
	21	1845CST			0	0	1	1	Hail(1.0)				
Crawford Co, Mulberry Cherokee Co: 1W Columbus 5S Columbus	21	1655CST			0	0	2	2	Hail(1.75)				
	21	1700CST			0	0	0	0	Hail(1.75)				
	21	1830CST			0	0	1	1	Hail(1.0)				
Montgomery Co: 1NE Coffeyville Canev Havana	21	1735CST			0	0	0	0	Funnel				
	21	1820CST			0	0	1	1	Hail(1.0)				
	21	1830CST			0	0	2	2	Hail(1.5)				
A line of severe thunderstorms developed across southeast Kansas. The storms dropped large hail as they moved northeast along the line. Funnels were seen near Coffeyville and southwest of Oswego. Neither touched down.													
Stanton Co, Manter	21	1950CST			0	0	2	4	Hail(.75)				
A thunderstorm dropped 3/4 inch hail and damaged crops in the Manter area.													
Nemaha Co, Seneca	23	1800CST			0	0	5	0	Lightning				
Lightning set fire to a building supplies store in Seneca. The building and most of its contents were a complete loss.													
Seward Co, 12S Sublette	25	1744CST			0	0	3	5	Hail(1.75), TSTM Wind(52), Funnel				
Haskell Co, 3S Sublette Meade Co, 4N Plains	25	1800CST			0	0	3	5	Hail(1.75)				
	25	1802CST			0	0	2	3	Hail(1.75)				
Gray Co: 8N Copeland Ingalls	25	1835CST			0	0	3	5	Hail(3.0)				
	25	1835CST			0	0	3	4	Hail(1.0)				
Finney Co, 2NE Garden City Airport	25	1929CST			0	0	2	4	Hail(1.0)				
A severe thunderstorm developed over Liberal and dropped hailstones from 3/4 inch to as large as 3 inches as it moved toward Garden City. A funnel was also seen north of Liberal. The hail caused considerable damage to crops along the storm's path.													
Norton Co, 8NW Norton	25	2148CST			0	0	2	3	Hail(1.75)				
An area of thunderstorms developed between Atwood and Phillipsburg and dropped small hail in several spots. Hail 3/4 inch in diameter fell northwest of Norton.													
Finney Co, Garden City Airport	25	2331CST			0	0	4	0	TSTM Wind(51)				
A thunderstorm wind gust was measured at 59 mph at the Garden City Airport. The wind ripped the roof from a horse barn, overturned a storage shed and blew some windows out at a nearby farm.													
Kiowa Co: 12SSE Greensburg near Belvidere	26	0903CST			0	0	0	0	Funnel				
	26	0930CST			0	0	0	0	Funnel				
Two funnels were seen southeast of Greensburg. Neither touched ground.													
Finney Co, Garden City Airport	26	0910CST			0	0	0	0	TSTM Wind(55)				
A 63 mph thunderstorm wind gust was measured at the Garden City Airport.													
Sumner Co: 3WNW South Haven Rome 4S Wellington Udall 3S Udall Belle Plaine	26	1855CST			0	0	2	3	Hail(1.5)				
	26	1900CST			0	0	2	3	Hail(1.75)				
	26	1918CST			0	0	2	3	Hail(1.75)				
	26	1950CST			0	0	3	3	Hail(1.75)				
	26	1957CST			0	0	2	3	Hail(1.75)				
	26	2000CST			0	0	3	0	TSTM Wind				
A severe thunderstorm formed in southern Sumner County on a squall line that was crossing South-Central Kansas. The storm dumped large hail as it moved from South Haven to Belle Plaine. Strong winds also uprooted several large trees in Belle Plaine.													

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
KANSAS																			
Sumner Co., Oxford,	27	1200CST			0	0	3	0	TSTM Wind	Oldham County	14	2021 EST			0	0	1	0	Thunderstorm Winds
A severe thunderstorm produced wind gusts that knocked down trees and blew windows out of a house near Oxford.										LaGrange, Kentucky, State Police Post reported trees down in Oldham County, approximately 20 miles northeast of Louisville.									
Franklin Co., Pomona	27	1430CST			0	0	4	0	TSTM Wind	Logan County, Keysburg	15	1419 CST			0	0	1	0	Hail (0.75)
Thunderstorm winds tore the roof from a mobile home near Pomona.										Hail, 3/4 inch in diameter, fell in Keysburg, located in extreme southern Logan County. Three large trees had the tops twisted out of them on a rural farm in the same location.									
Brown Co: 1NE Mercier to 2S Hiawatha 12NE Hiawatha	27	1451 to 9 1510CST	100	0	0	5	0	0	Tornado(F1)	Oldham County, LaGrange	19	1615 EST			0	0	2	0	Thunderstorm Winds
27 1530CST 1 100 0 0 5 0 Tornado(F1). Two tornadoes struck in Brown County. The first and larger of the two came to the ground near Mercier and continued on the ground to the north-northeast just west of U.S. Highway 73 before lifting just south of Hiawatha. The storm tore up buildings at a farm near Baker and nearly destroyed a manufacturing plant 2 miles south of Hiawatha.										The Oldham County Disaster and Emergency Services Coordinator reported numerous trees and power lines down around and southeast of LaGrange, located 20 miles northeast of Louisville. General power outages occurred in LaGrange.									
The second tornado inflicted major damage to a farm on the Iowa Indian Reservation about 12 miles northeast of Hiawatha.										A large tree fell down in the back of the Kentucky State Police Post location in Buckner.									
No injuries resulted from either tornado.										Shelby County, near Shelbyville									
Leavenworth Co: 6SW Leavenworth Leavenworth Johnson Co: Olathe Roeland Park	27	1530CST			0	0	3	0	TSTM Wind(52)	Shelby/Jefferson County Line	19	1630 EST			0	0	0	0	Funnel Cloud
27 1606CST					0	0	4	0	TSTM Wind(62)	A funnel cloud was sighted by a SKYWARN spotter over Interstate 64 near the rest stop at Simpsonville.									
27 1545CST					0	0	3	0	TSTM Wind(61)	Mason County, near Maysville	21	1600 EST			0	0	3	0	Thunderstorm Winds
27 1615CST					0	0	4	0	TSTM Wind	Late afternoon thunderstorms blew a roof off of a building on Kenton Station Road near Maysville. Several homes and barns in the area were damaged. A seven bent barn was destroyed, and several vehicles that were inside the barn were damaged. Many trees were down in Maysville, with power extensively knocked out on the west end. Trees were down in several places in Mason County, most numerous in and near Maysville.									
Thunderstorms packing winds estimated 60 to 70mph struck parts of Leavenworth and Johnson counties. A good deal of tree damage was done in Leavenworth and Roeland Park.										Boyd County, Ashland									
Shawnee Co., Rossville	27	2000 to 28 1100CST			0	0	5	5	Flood	Hardin County, Elizabethtown and Glendale	24	1940-2005 EST			0	0	0	0	Funnel Clouds
Three to four inches of rain fell upon the Cross Creek drainage basin on the 26th through the afternoon of the 27th. The area was already near saturation from earlier rains. Runoff sent the creek to a crest 6 feet above flood stage at 0400CST on the 28th. The crest was just a little more than a foot and a half below the crest of record. About 20 homes were flooded. This was the second time in less than 3 months that Cross Creek flooded homes in Rossville.										Numerous funnel clouds were reported in the Elizabethtown area, and east of Glendale.									
Less serious flooding of farmland also occurred along Stranger Creek in Atchison and Leavenworth counties, on the Delaware River in Atchison County, on Soldier Creek in Shawnee County, and on the Black Vermillion River in Marshall County.										Jefferson County, Louisville Metro area									
Phillips Co., Glade	30	1710CST			0	0	0	3	Hail(.75)	Fayette County, Lexington Metro area	25	1520 EST			0	0	2	0	Thunderstorm Winds
Intense thunderstorms dropped small hail in many parts of Phillips and Rooks counties. Hailstones 3/4 inch in diameter also fell briefly at Glade.										Thunderstorm winds damaged trees and caused power outages throughout Fayette County including the metropolitan area of Lexington.									
Wyandotte Co., Piper	31	1515CST			0	0	3	2	Hail(1.75)	Boone County	25	1635-1645 EST			0	0	2	0	Thunderstorm Winds
Golfball size hail fell for a short time at Piper.										53 mile per hour winds occurred and hail 1/2 inch in diameter fell at the Greater Cincinnati Airport. Thunderstorm-driven winds toppled small trees and knocked down power lines. Marble size hail was reported by a Northwest Airline employee at Burlington.									
SPECIAL HAIL SUMMARY																			
Kansas-Oklahoma Hail Loss Service reports indicate hail was especially damaging to crops in the listed counties on the following dates:																			
03	E111s,Gove,Haskell,Ness,Trego																		
04	E111s																		
05	Sumner																		
18	Greenwood																		
21	Stanton																		
24	Grant,Stanton																		
25	Finney,Gray,Haskell,Seward,Smith																		
26	Haskell,Sumner																		
30	Graham,Haskell,Norton,Osborne,Phillips,Rooks																		
31	E111s,Rush																		
15 KENTUCKY																			
Henderson County, Henderson	3	1420 CST			0	0	2	0	Thunderstorm Winds										
Trees were blown down in Henderson.																			
Graves County, Mayfield	12	1425-1435 CST			0	0	2	0	Hail (0.75)										
Hail, 3/4 inch in diameter, was reported along with 40 mile per hour winds in Mayfield.																			

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
KENTUCKY									
Robertson County	25	1715 EST			0	0	2	0	Thunderstorm Winds
									Trees fell during thunderstorm winds across the county. There were also reports of a barn door blown off.
Grayson County, Leitchfield	29	2241 EST			0	0	0	0	Funnel Cloud
									A funnel cloud was reported by the Kentucky State Police south of Leitchfield above KY 259.
Grant County, Mt. Zion	30	1200 EST			0	0	3	0	Thunderstorm Winds
									A roof was pulled off of a trailer in Mt. Zion and scattered all over the trailer lot.
Webster County, Providence	30	afternoon			0	0	4	0	Lightning
									A 29-year-old man was driving a truck that had tires seven feet tall and a cab so far off the ground that he had to climb a seven-step ladder to get into it. His vehicle was one of six coal trucks that were being moved to higher ground during a thunderstorm at a strip mine near Providence in Western Kentucky. As he drove up the hill, he was aware of a clap of thunder, a flash of lightning and a sound "like a shotgun" that had gone off in the cab of the truck. The six-wheel, 117,000 pound truck "felt like it had been picked up and set down, and it shook all over." One of the six \$4,000 steel-belted tires was blown from the rim and landed about 30 feet away; another was turned inside out and a third went flat, leaving only one of the four rear tires intact. The two front tires were not damaged. When smoke began pouring from the side of the vehicle, the man cut the ignition and set the brakes so that the truck would not roll into the one behind it. Then, lightning struck again! The windshield of the man's truck was shattered and pulled out of the rubber gasket which held it; the rear cab window blew out, crashing against the bed of the truck. The man escaped injury by kicking open a door that had jammed. The truck, sustained \$13,000 worth of damage. The man was from Madisonville in Hopkins County.
Jefferson County	30	1530-1600 EST			0	0	2	0	Thunderstorm Winds
									Small trees were knocked down by thunderstorm winds 4 to 5 miles west of Louisville and in the St. Matthews area, located 6 miles northeast of Louisville.
Bullitt County	30	1630 EST			0	0	2	0	Thunderstorm Winds
									Several 4 X 8 foot sheets of insulation were lifted from a roof of a building under construction two miles south of the Jefferson/Bullitt county line.
Bourbon County	30	1840 EST			0	0	2	0	Thunderstorm Winds
									Trees were blown down in eastern Bourbon County near the Nicholas County line.
Nicholas County	30	1915 EST			0	0	2	0	Thunderstorm Winds
									Trees were knocked down by thunderstorm winds throughout the county.
Pike County	30	2040 EST			0	0	1	0	Thunderstorm Winds
									Thunderstorms moved through Pike County producing very heavy rain, strong winds, and small hail. Two trees were blown down across a road.
Muhlenberg County	31	1400 CST			0	0	2	0	Thunderstorm Winds
									Winds gusting to 60 miles per hour were reported in Muhlenberg County.
16 LOUISIANA									
Franklin Parish	02	1325CST			0	0	?	?	SVR TSTM-Hail(1.00)
Richland Parish	02	1325CST			0	0	?	?	SVR TSTM-Hail(1.00)
East Carroll Parish	02	1450CST			0	0	5	?	SVR TSTM-Hail(1.75), Wind (67 kt)
Lincoln Parish	02	1615CST			0	0	?	?	SVR TSTM-Hail(1.00)
Union Parish	02	1655CST			0	0	?	?	SVR TSTM-Hail(0.88)
Ouachita Parish	02	1705CST			0	0	?	?	SVR TSTM-Hail(1.00)
									Area of severe thunderstorms moved east and northeast across east and northeast Louisiana producing large hail and occasional strong winds. One inch hail was reported at Baskin, Mangham, 8 miles northeast of Ruston, Calhoun, and Downs ville. The area around Lake Providence received the brunt of the storms, with one and three-quarter inch hail reported 5 miles south of the city and wind gusts estimated at 67 knots in the city damaging 18 home roofs, downing numerous trees, causing power outages, and damaging a cotton gin.
Cameron Parish	04	1258CST			0	0	0	0	Waterspout
Allen Parish	04	1330CST			0	0	?	?	SVR TSTM-Hail(1.75)
Claiborne Parish	04	1610CST			0	0	3	?	SVR TSTM-Hail(1.00), Wind
Claiborne Parish	04	1625CST			0	0	?	?	SVR TSTM-Hail(1.00)
									Scattered severe thunderstorms developed over western Louisiana. The Coast Guard reported a waterspout over Lake Sabine. A severe thunderstorm brought golf ball size hail to Oberlin. One inch hail fell near Homer and wind damaged a lumber company roof. One inch hail also fell at Arizona.
Saint John the Baptist Parish	05	1205CST			0	0	0	0	Funnel Cloud
									Public reported a funnel cloud near LaPlace.
Plaquemines Parish	06	0840CST			0	0	0	0	Funnel Cloud
									The Coast Guard reported a funnel cloud near Empire.
Orleans Parish	06	2050CST			0	0	?	0	SVR TSTM-Wind
									Wind associated with a severe thunderstorm destroyed a boat trailer and damaged a large boat at a marina in east New Orleans.
Cameron Parish	08	1525CST			0	0	0	0	Funnel Cloud
									Funnel cloud reported near Cameron by the sheriffs office.
Saint John the Baptist Parish	14	1840CST			0	0	0	0	Waterspout
									Civil Defense official reported a waterspout over western Lake Ponchartrain.
Saint Landry Parish	14	1900CST			0	0	?	?	SVR TSTM-Wind
									Straight-line winds associated with a severe thunderstorm toppled several trees in Opelousas.
Vernon Parish	15	1645CST			0	0	3	0	SVR TSTM-Wind
									Straight-line winds associated with a severe thunderstorm ripped a porch off of a house in Anacoco.
Bossier Parish	23	1700CST			0	0	0	?	SVR TSTM-Wind(56)
									A severe thunderstorm moved through Barksdale Air Force Base (BAD) and winds gusted to 56 knots. Numerous trees were damaged west of the air base.
Natchitoches Parish	24	1447CST			0	0	4	?	SVR TSTM-Wind
Winn Parish	24	1500CST			0	0	0	?	SVR TSTM-Wind
									A severe thunderstorm moved across Natchitoches and western Winn parishes. Strong straight-line winds destroyed a mobile home, downed power lines and toppled trees in Natchitoches. A car was blown off the road 7 miles southeast of Natchitoches. Several trees were toppled by high winds along the Red River near Saint Maurice.
Caddo Parish	24	1840CST			0	0	4	?	Lightning
									Lightning struck a house in Vivian causing a fire which heavily damaged it.
Caddo Parish	24	1905CST			0	0	2	?	SVR TSTM-Wind
Bossier Parish	24	1920CST			0	0	0	?	SVR TSTM-Wind
									Severe thunderstorms produced high wind which blew down a large, well supported metal sign in southeast Shreveport. High winds also toppled several trees southeast of Benton.
Jefferson Davis Parish	25	0930CST			0	0	0	0	Funnel Cloud
									The Louisiana Highway Patrol reported a funnel cloud just west of Welsh.
Caddo Parish	25	1400CST			1	0	0	0	TSTM-Lightning
									Lightning struck and killed a man standing in a boat on Lake Bistineau. Three other occupants of the boat were uninjured. M400.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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		
LOUISIANA										
Saint Landry Parish	25	1500CST	short	10	0	0	?	?		Tornado (F0)
										Public reported several funnel clouds south of Eunice. One funnel cloud descended as a tornado and touched down in an open field for a few seconds.
17 MAINE ————— NO REPORT RECEIVED										
18 MARYLAND and D.C.										
Washington County	18	1530EST			1	2	0	0		Lightning
										Lightning struck 3 prisoners at 3:45 pm on the grounds of a correctional institution in Hagerstown, killing one, age 21, and injuring the other two, ages 23 and 33. M210
Baltimore, Anne Arundel, and Carroll Counties	23	1400EST			1	12	5	0		Lightning
										At 2:50 pm lightning struck a chapel in Leakin Park where a small festival was being held. Thirteen people were injured; one man died on the following day. The chapel was destroyed. Lightning also set afire four houses in Anne Arundel County. Large hail and heavy rain were also reported as accompanying the thunderstorms. M37P
19 MASSACHUSETTS										
Worcester County	29	1600-1900EST			0	1	4	0		Lightning
										Heavy thunderstorms moving across the county brought a display of vivid lightning. The lightning injured one person and resulted in a number of small fires. In Northboro, a 16-year-old youth was injured by a bolt of lightning which struck a nearby tree at about 1830EST. In Oxford, lightning-caused fires destroyed a garage and a barn. In Gardner and Templeton, lightning strikes started several small fires. Nearly 11,000 electric customers lost power as a result of lightning strikes on power lines in the county.
Hampden County, Holyoke	31	1620EST			1	0	0	0		Lightning
										A bolt of lightning struck a tree, felling a tree limb which struck and killed a 20-year-old male who was on an outing with his family in a local park. M200
Worcester County, Worcester City and Northboro	31	1630-1700EST			0	0	4	0		Thunderstorm Winds (70)
										Thunderstorm winds gusting to an estimated 70 to 90 mph and described as a microburst hit the Norrback Avenue area of the city, knocking down trees, utility lines, and a few chimneys. Trees fell on two homes in Northboro.
Worcester County, Grafton, Millbury, and Westboro	31	1630-1730EST			0	0	4	0		Lightning
										Thunderstorms moving through the county caused several lightning-induced fires, one of which did considerable damage to a house in Westboro.
Middlesex County, Holliston, Marlboro, and Ashland	31	1630-1800EST			0	0	3	0		Lightning and Thunderstorm Wind
										Lightning knocked out power to about 8,200 electric customers and knocked down some tree limbs. A window was blown in in a house in Marlboro.
Worcester County, Millbury	31	1700EST			0	3	0	0		Lightning
										Three persons taking shelter in a tent were injured by a bolt of lightning, and one of the three was unconscious and not breathing when rescuers arrived.
20 MICHIGAN										
Oakland County, Beverly Hills	12	2225EST			0	0	6			Lightning
										An apartment building was destroyed by fire.
Kent County, Grand Rapids Airport	14	1352EST			0	0	0			Thunderstorm Wind (59)
Ionia County	14	1420EST			0	0	3			Thunderstorm Wind
Clinton County	14	1445EST			0	0	1			Thunderstorm Wind
Shiawassee County, Durand	14	1515EST			0	0	3			Thunderstorm Wind (56)
	14	1530EST			0	0	0			Hail (1.75)
Genesee County	14	1540EST			0	0	2			Thunderstorm Wind
Lapeer County, Lapeer	14	1550EST			0	0	3			Lightning
Lapeer County	14	1615EST			0	0	2			Thunderstorm Wind
Livingston County	14	1615EST			0	0	3			Thunderstorm Wind
Washtenaw County	14	1630EST			0	0	5			Thunderstorm Wind (74)
	14	1650EST			0	0	0			Hail (1.75)
Oakland County	14	1650EST			0	0	5			Thunderstorm Wind
Hillsdale County	14	1700EST			0	0	4			Thunderstorm Wind
Wayne County	14	1710EST			0	0	4			Thunderstorm Wind
Oakland County, Novi	14	1710EST	0.2	70	0	8	5			Tornado (F1)
Oakland County, Madison Heights	14	1740EST			0	0	5			Thunderstorm Wind
										A mobile home was unroofed near Ionia. A large tree limb blocked a street in Flint. Power was out in Fenton. Power lines were downed and a house was set afire by lightning in Lapeer; two firefighters were injured. Trees and power lines were downed and scattered lightning-induced fires were reported throughout Livingston and Oakland counties. Trees were blown down, streets blocked, some buildings slightly damaged, and power was interrupted in Hillsdale County. Two cars were damaged by falling trees in Chelsea; the wind gusted to 85 mph at the University of Michigan. Golfball size hailstones fell east of Ann Arbor. Large trees were downed in western Wayne County, and the door was blown off of a restaurant in Detroit. A lightning-set fire destroyed a house and injured a fireman in Bloomfield. A small tornado touched down at 46001 Grand River Avenue in Novi. Seven persons in an office building received minor cuts from flying glass, and one was knocked down and blown into a hallway. Four vehicles parked to the west of the building had windows and headlights exploded, but were otherwise unharmed. The roof was peeled off of the building and dropped in the parking lot on the other side, destroying 4 cars and damaging 7 others. Witnesses saw and heard the funnel. Wind tore the roof from a factory in Madison Heights. Two lightning-induced fires were set in Oakland County.
Gratiot County, Breckenridge	20	morning			0	0	5			Lightning
										A church was destroyed by a lightning-induced fire.
43.5°N, 87.0°W on Lake Michigan	21	2200EST			0	0	0			Thunderstorm Wind (90+)
										The freighter Charles M. Beeghly reported a thunderstorm squall 44 miles northwest of Muskegon.
Western Tuscola County	22	0256EST			0	0	0			Hail
										The sheriff reported large hail, gusty winds and lightning.
Berrien County, Royalton Township	30	1435EST			0	0	0			Funnel Cloud
										A funnel cloud was observed and photographed at Hollywood and John Beers roads. The photograph was published in the local newspaper.
Cass County: 4 E Marcellus Cassopolis	30	1626EST			0	0	0			Hail (1.00)
	30	1645EST			0	0	0			Thunderstorm Wind (52)
Kalamazoo County, Portage	30	1730EST			0	0	0			Thunderstorm Wind
Washtenaw County, Ann Arbor	30	1830EST			0	0	3			Thunderstorm Wind (63)
										The gust was measured at the University of Michigan.
Wayne County, Detroit and Downriver Suburbs	30	1840EST			0	0	4			Thunderstorm Wind
										Thousands of homes were without power. There were several auto accidents with minor injuries. The Coast Guard assisted 9 disabled boats on Lake St. Clair.
Southern Hillsdale County	30	1900EST			0	0	3			Thunderstorm Wind

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
MICHIGAN									
Jackson County	30	1905EST			0	0	3		Thunderstorm Wind
Jackson County, Jackson	30	1947EST			0	0	0		Thunderstorm Wind (50) The gust was measured at television station WILX.
Montcalm County, Smyrna	30	2145EST			0	0	4		Thunderstorm Wind A garage was destroyed and there was scattered minor damage. A funnel cloud seen in the vicinity did not touch down, and there was no evidence of tornadic damage.
Schoolcraft County, Steuben	31	0035EST			0	0	0		Hail (0.75)
MINNESOTA									
Winona Co. Winona	10	1140CST			0	0	4	0	Hail (1.0) Hail damaged cars and campers and broke windows in homes.
Dakota Co.	10	1506CST			0	0	0	0	Hail (1.0) Hail up to 1 inch in diameter fell across the communities of Lakeville, Burnsville and Apple Valley.
Goodhue Co. 30N Rochester	10	1615CST			0	0	0	0	Funnels
4.5NN Mazeppa	10	1640-1643CST	1.5	20	0	0	0	0	Tornado (F0) Several funnels were sighted between Goodhue and Bellechester. A tornado northwest of Mazeppa moved slowly across an open field for 2 to 3 minutes then lifted and disappeared.
Wabasha Co.	10	1755CST			0	0	0	0	Thunderstorm Wind A thunderstorm downed trees 2 to 3 miles north of Oak Center.
Aitkin Co. Aitkin	10	1900CST			0	0	0	0	Hail (0.75) Marble size hail fell in Aitkin.
Kandiyohi Co. Lake Lillian	13	1634CST			0	0	0	0	Hail (0.75)
Meeker Co. Cosmos	13	1651CST			0	0	0	0	Hail (0.75)
Hennepin Co.	13	1659CST			0	0	0	0	Hail (1.75) Golfball size hail fell near Rockford.
Cottonwood Co.	13	1738CST			0	0	3	0	Thunderstorm Wind Two storage buildings were destroyed and debris was blown into a field southeast of an old farm site 1 mile east of Highway 5 near Storden.
Carver Co.	13	1804CST			0	0	3	0	Thunderstorm Wind, Wind and Hail Dime size hail fell near Waconia and Young America. Thunderstorm wind along County Road 53 near Gotha picked up a machine shed and threw it into a field.
Mille Lacs Co. 1N Milaca	13	1820CST			0	0	0	0	Hail (0.75)
Carver Co.	13	1830CST			0	0	0	0	Thunderstorm Wind Thunderstorm wind in Laketown Township knocked down several pine trees up to 2 feet in diameter.
Rice Co. 47NW Rochester	13	1830CST			0	0	0	0	Hail (0.75), Thunderstorm Wind (52)
MINNESOTA									
Scott Co.	13	1843CST			0	0	0	0	Thunderstorm Wind Large trees downed by wind blocked Bloomington Ferry Road.
Dakota Co. Burnsville	13	1836CST			0	0	0	0	Hail (0.75), Thunderstorm Wind
1jS Lakeville-3SE Farmington	13	1842-1856CST	7	40	0	0	3	0	Tornado (F1)
Rosemount	13	1845CST			0	0	0	0	Thunderstorm Wind A tornado touched down south of the Airlake Industrial Park Airport in Eureka Township, then moved east passing just south of Farmington before dissipating. The tornado lifted dirt and debris from fields approximately 150 feet into the air. A street sign was bent to the ground and a shed was demolished south of Farmington. Power lines were knocked down from thunderstorm winds in Burnsville and Rosemount.
Martin Co. Northrup	13	1845CST			0	0	3	0	Thunderstorm Wind
Welcome	13	1845CST			0	0	5	0	Thunderstorm Wind
Fairmont	13	1848CST			0	0	4	0	Thunderstorm Wind Several trees were knocked down and an antenna was ripped off a home in Northrup. A semi-trailer truck was overturned 3/4 mile west of Welcome. A trailer home was rolled off its foundation near Welcome. A barn and several outbuildings were destroyed at a farm site 1 mile northeast of Welcome. Siding was stripped from the main house and farm equipment was damaged. Falling trees damaged several cars and a section of roof was blown off a home in Fairmont.
Kanabec Co. 4SE Mora	13	1855CST			0	0	0	0	Hail (1.75)
Dakota Co. 1S Hastings	13	1858CST	short	20	0	0	0	0	Tornado (F0) A tornado touched down briefly.
Pine Co. Pine City	13	1920CST			0	0	0	0	Hail (0.75)
Blue Earth Co.	13	2100CST			0	0	4	0	Lightning Lightning destroyed a barn in rural Smiths Mill in extreme eastern Blue Earth County near Highway 14.
Polk Co. Fosston	15	1830CST			0	0	0	0	Hail (0.75) Marble size hail fell in Fosston.
Beltrami Co. Waskish	16	1600CST			0	0	0	0	Funnel
Polk Co. 1W Fisher	16	1633CST			0	0	0	0	Hail (0.75)
5W Crookston	16	1700CST			0	0	0	0	Hail (0.75) Marble size hail covered the ground 1 mile west of Fisher. Marble size hail was also reported 5 miles west of Crookston.
Lac Qui Parle Co. Madison	20	1800CST			0	0	0	0	Thunderstorm Wind Thunderstorm winds knocked down trees in Madison.
Traverse Co. 2-3/4N Johnson	20	1925-1930CST	2	30	0	0	4	0	Tornado (F1) A tornado touched down at a farm 2-3/4 miles north of Johnson, then moved northeast. A quonset was demolished. The roof of another farm building was blown several hundred yards through the air. Windows were broken out of a tractor.
Yellow Medicine Co. Canby	26	1227CST			0	0	0	0	Funnel A funnel was sighted just south of Canby.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
22 MISSISSIPPI											
Sunflower County, Daddsville	2	1200CST			1	0	0	0			Lightning
											Two men were plowing in their rice fields when a thunderstorm approached. The two men on separate tractors got out of their fields on the main road back to their home. One man rode about 100 yards behind the other. The man riding in the back passed under a power line when a bolt of lightning struck and killed him. M410
Washington County, 2N Greenville	2	1215CST			0	0	?	?			Hail (1.00)
											Hail up to one inch in diameter fell 2 miles north of Greenville.
Humphreys County, 3W Belzoni	2	1405CST			0	0	?	?			Hail (.75)
Issaquena County, Fidler	2	1450CST			0	0	?	?			Thunderstorm Winds
											High winds blew down large pecan trees and damaged cars near Fidler.
Pike County, McComb	3	1320CST			0	0	5	0			Lightning
											A mobile home was struck by lightning, caught on fire and was heavily damaged. Damage was estimated at 20,000 dollars.
Pike County, McComb	3	1330CST			0	0	5	0			Thunderstorm Winds
											Strong winds from a thunderstorm blew part of a roof off a building. Several other houses received minor damage. Some trees and street signs were also blown down.
Rankin County, Pearl/Brandon	3	1537CST			0	0	?	?			Hail (1.75)
											Hail up to the size of golf balls fell in western Brandon and eastern Pearl.
Hinds County, Jackson	3	1538CST			0	0	?	?			Hail (1.00)
											Hail the size of nickels fell in southwest Jackson. Hail, mostly marble size, fell across much of Jackson.
Scott County, 5NW Morton	3	1630CST			0	0	?	?			Thunderstorm Winds
											Trees were blown down 5 miles northwest of Morton on Highway 48.
Jefferson Davis County, 3N Prentiss	3	1745CST			0	0	?	?			Hail (1.00)
Marion County, Foxworth	3	1800CST			0	0	?	?			Hail (.75)
Adams County, Natchez	4	1700CST			0	0	?	?			Hail (.75)
											Pea to dime-sized hail fell across much of Natchez.
Hancock County	5	1100CST			0	0	5	0			Lightning
											A three bedroom home on Highway 53 in extreme northern Hancock County was struck by lightning. The home caught on fire and was destroyed.
Sharkey County, Spanish Fort	6	1130CST			0	0	?	?			Hail (.75)
Yazoo County, 4N Holly Bluff	6	1140CST			0	0	?	?			Hail (.75)
											Dime-sized hail fell four miles north of Holly Bluff on Highway 16.
Leflore County, Itta Bena	6	1313CST			0	0	0	0			Funnel Cloud
Sunflower County, Indianola	6	1400-1600CST			0	0	5	0			Flash Flooding
											In less than an hour, 4.2 inches of rain fell in Indianola. Many downtown businesses received water damage. Several homes also received flood damage.
Leflore County	6	1500-1700CST			0	0	5	0			Flash Flooding
											Between 3 1/2 and 5 1/2 inches of rain fell in a 3-hour period across the Fairfield Subdivision of Greenwood and the downtown area. Several homes were flooded and many cars were stalled on flooded streets.
Copiah County, 7SW Hazlehurst	6	1530CST			0	0	?	?			Hail (.75)
Amite County, Smithdale	12	1415CST			0	0	?	?			Hail (1.00), Thunderstorm Winds
											Nickel-sized hail fell in Smithdale or about 14 miles NW of McComb. Several trees were also blown down in the same area.
Forrest County, Petal	14	0900CST			0	0	?	?			Thunderstorm Winds
											A collapsing thunderstorm produced strong winds in Petal. Several large trees were blown down or uprooted.
MISSISSIPPI											
Rankin County, Florence	21	1530CST			0	0	?	?			Hail (1.00)
Hinds County, Jackson	21	1559CST			0	0	?	?			Hail (1.75)
											Golfball-sized hail fell across much of downtown Jackson.
Hinds County, Jackson	21	1617CST			0	0	?	?			Hail (.75)
											Dime-sized hail occurred in downtown and much of northern and southern Jackson.
Webster County, 3W Eupora	21	1805CST			0	0	?	4			Hail (1.75)
											Many gardens west of Eupora were heavily damaged by large hail. Most of the hail ranged in size from nickel to golf ball.
Sunflower County, Parchman	22	1425CST			0	0	?	?			Hail (1.00)
Sunflower County, 2W Drew	22	1525CST			0	0	?	4			Hail (1.00)
											Dime to nickel size hail damaged crops west of Drew.
Leflore County, Itta Bena	22	1600CST			0	0	?	?			Thunderstorm Winds
											Strong winds blew a roof off a store in Itta Bena.
Marshall County, Holly Springs	22	1630CST			0	0	5	0			Lightning
											Lightning struck a funeral home in Holly Springs. It caught on fire and was destroyed.
Lafayette County, 8S Oxford	23	1130CST			0	0	?	?			Thunderstorm Winds
											Numerous trees were blown down by high winds 8 miles south of Oxford near the intersection of Highways 7 and 9.
Hinds County, Raymond	23	1545CST			0	0	?	?			Thunderstorm Winds
											Strong winds blew down 6 large trees near Raymond. A barn and tin building were also damaged.
Hinds County, 8N Clinton	25	1700CST			0	0	?	?			Thunderstorm Winds
											Thunderstorm winds blew down trees 8 miles north of Clinton. The length of damage was nearly 1 mile long.
23 MISSOURI											
Greene County	03	1220CST			0	0	0	0			Hail (0.75)
											Hail of up to 3/4 inch diameter fell in West Springfield.
Webster County	03	1220CST			0	0	0	0			Hail (1.00)
											Hail of up to 1 inch diameter fell two miles east of Northview.
Webster County	03	1230CST			0	0	3	0			TSTM Wind
											Winds blew down a shed and damaged farm buildings five miles northwest of Marshfield.
Christian County	03	1240CST			0	0	2	0			Hail (1.00), TSTM Wind
											Hail of up to 1 inch diameter and tree damage were reported in Sparta.
Jackson County	11	1815CST			0	0	0	0			Hail (1.00)
											Hail of up to 1 inch diameter fell at Lees Summit.
Cass County	11	1842CST			0	0	0	0			Hail (1.00)
											Hail of up to 1 inch diameter fell at Belton.
Saline County	11	1845CST			0	0	0	0			Hail (0.75)
											Hail of up to 3/4 inch diameter fell at Sweet Springs.
Saline County	11	1855CST			0	0	4	0			Hail (0.75), TSTM Wind
											Thunderstorm winds took the tops off of several trees and destroyed a baseball dugout at a park on the south side of Sweet Springs. Hail of up to 3/4 inch diameter was also reported.
Cass County	11	1915CST			0	0	3	0			Hail (1.75), TSTM Wind
											Trees were downed and hail of up to 1 3/4 inch diameter fell at Peculiar.
Johnson County	11	2035CST			0	0	0	0			Hail (1.00)
											Hail of up to 1 inch diameter fell at Whiteman APB.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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									
New Madrid County	12	1354CST			0	0	0	0	TSTM Wind
									Wind blew cotton trailers off the road five miles south of Marston.
Platte County	18	1811CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter fell at Parkville.
Jackson County	18	1835CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter fell three miles north of Grandview.
Jackson County	18	1839CST			0	0	0	0	Hail (1.50)
									Hail of up to 1 1/2 inch diameter fell at Grandview.
Jackson County	18	1846CST			0	0	0	0	Hail (1.50)
									Hail of up to 1 1/2 inch diameter fell in the southern portion of the county.
Jackson County	18	1850CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell at Interstate 435 and Truman Road.
Cass County	18	1907CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell at Raymore.
Henry County	18	2120CST			0	0	3	0	TSTM Wind
									Wind downed trees at Montrose.
Lafayette County	20	1335CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell at Odessa.
Knox County	20	1455CST			0	0	4	0	Hail (0.75), TSTM Wind
									Winds of 65 to 70 mph produced tree damage and hail of up to 3/4 inch diameter fell at Newark.
Adair County	20	1500CST			0	0	2	0	Lightning
									Lightning struck a tree which then fell on and damaged an apartment building.
Scotland County	20	1505CST			0	0	3	0	Hail and TSTM Wind
									Wind damaged trees and forced cars off roads across the county. Large hail was also reported.
Vernon County	21	1600CST			0	0	0	0	Hail (1.00)
									Hail of up to 1 inch diameter fell one mile south of Nevada.
Vernon County	21	1605CST			0	0	0	0	Hail (1.00)
									Hail of up to 1 inch diameter fell at the northern edge of Nevada.
Vernon County	21	1625CST			0	0	0	0	Hail (1.00)
									Hail of up to 1 inch diameter fell at Bronaugh.
Barton County	21	1640CST			0	0	0	0	Hail (1.25)
									Hail of up to 1 1/4 inch diameter fell at Irwin.
Vernon County	21	1657CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell at Montevallo.
Pettis County	21	1734CST			0	0	0	0	Hail (1.50)
									Hail of up to 1 1/2 inch diameter fell eight miles south of Sedalia.
Pettis County	21	1743CST			0	0	0	0	Hail (2.00)
									Hail of up to 2 inch diameter fell five miles south of Sedalia.
Pettis County	21	1743CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell five miles northeast of Sedalia.
Cedar County	21	1745CST			0	0	3	0	TSTM Wind
									Power lines were downed near Stockton.
Henry County	21	1745CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter fell at Windsor.
Cedar County	21	1750CST			0	0	3	0	TSTM Wind
									Trees were downed at Stockton.
Jefferson County	21	1752CST			0	0	4	0	TSTM Wind
									Trees were downed in and near De Soto.
Pettis County	21	1808CST			0	0	0	0	Hail (1.75), TSTM Wind (52)
									Wind of up to 52 knots and hail of up to 1 3/4 inch diameter occurred in Sedalia.
MISSOURI									
Boone County	21	1810CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter was reported.
Callaway County	21	1815CST			0	0	0	0	Hail (0.75), TSTM Wind
									Hail of up to 3/4 inch diameter and winds of up to 50 mph occurred just north of Millersburg.
Pettis County	21	1827CST			0	0	?	?	TSTM Wind
									Winds of up to 70 mph were recorded six miles west of Sedalia.
Callaway County	21	1845CST			0	0	3	0	TSTM Wind
									Trees were blown down around Millersburg.
Callaway County	21	1845CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter fell at Millersburg.
Dade County	21	1850CST			0	0	0	0	Hail (0.75)
									Hail of up to 3/4 inch diameter fell at Route 160, several miles east of Golden City.
Pike County	21	1910CST			0	0	0	0	Hail (1.00)
									Hail of up to 1 inch diameter fell five miles north of Louisiana.
Ralls County	21	1910CST			0	0	3	0	TSTM Wind
									Trees were damaged at Perry.
Marion County	21	1915CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell in Hannibal.
Marion County	21	1930CST			0	0	5	0	TSTM Wind
									Numerous trees and lines were downed by wind in Hannibal.
Barton County	21	1940CST			0	0	0	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell in Golden City.
Dade County	21	1945CST			0	0	0	0	Hail (1.00)
									Hail of up to 1 inch diameter fell in Lockwood.
Jasper County	21	1945CST			0	0	4	0	TSTM Wind
									Winds of up to 60 mph produced some property damage in Joplin.
Shannon County	21	2040CST			0	0	?	0	Hail (1.25), TSTM Wind
									Hail of up to 1 1/4 inch diameter and winds of up to 50 mph occurred at Eminence.
Reynolds County	21	2115CST			0	0	2	0	Hail (1.75)
									Hail of up to 1 3/4 inch diameter fell at Ellington. Some windshield damage occurred to an officer's car.
Cape Girardeau County	29	1730CST			0	0	0	0	TSTM Wind
									Winds of up to 61 mph were recorded in Cape Girardeau at the airport.
Boone County	31	1454CST			0	0	4	0	TSTM Wind
									Wind damaged trees in and around Rocheport.
Clay County	31	1545CST			0	0	?	?	Hail (3.00)
									Hail of up to 3 inch diameter fell four miles northeast of Kearney.
24 MONTANA									
MT2003	12	afternoon			1	1	2	2	High Wind
									Winds of up to 70 mph along the front range of the Rockies caused considerable blowing dust which led to the death of a 23-year-old male truck driver when his truck hit the back end of another truck that had stopped because of the reduced visibility.
MT2003	28	evening			0	0	4	2	Flood
									Heavy rain of up to 4 inches that had fallen throughout the day caused approaches to two bridges to be washed out in western Pondera County.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
25 NEBRASKA									
Clay Co.	03	0100CST-2000CST			0	0	3	4	Flood
		6-inch rains around Harvard resulted in flooding on School Creek from around Harvard into the Sutton area. Crops suffered damage and some county roads were flooded.							
Garden Co.	03	1200CST-1700CST			0	0	2	4	Flood
		Upwards of 5 inches of rain caused some flooding which damaged crops around Oshkosh.							
Thayer and Jefferson Co.	05-06	Midday - Morning			0	0	1	3	Flood
		1-to 2-inch rains on wet soil caused the Little Blue River to go 0.7 feet over flood stage at Alexandria and 0.9 feet over flood stage at Fairbury. Minor damage to crops was reported.							
Platte Co. Columbus	13	2030CST			0	0	5	0	Lightning
		Fire caused by lightning destroyed a Columbus home.							
Sheridan Co. 5NW Gordon	16	1830CST			0	0	0	0	Funnel Cloud
		A funnel cloud was reported by the public 5 miles northwest of Gordon.							
Lincoln Co. 5NW Hershey	17	1530CST	0.1	20	0	0	1	1	Tornado (F0)
		A storm spotter reported that a small tornado touched down briefly in a field 5 miles northwest of Hershey and caused no significant damage.							
Adams Co. 2NE Holstein	19	1715CST	0.2	40	0	0	4	0	Tornado (F1)
		Tornado touched down 2 miles north and 1 mile east of Holstein, destroying a barn and grain bin. Trees and power poles were also blown down.							
Clay Co. 7SE Giltner	19	1820CST			0	0	0	0	Thunderstorm Wind (52)
		Wind gusts to 60 miles an hour were reported 7 miles southeast of Giltner.							
Clay Co. Harvard	19	1830CST	0.2	40	0	0	3	0	Tornado (F0)
		A tornado touched down briefly at Harvard, damaging power lines.							
Hamilton Co. 4S Aurora	19	1835CST	0.2	40	0	0	3	0	Tornado (F0)
		A tornado blew a tractor-trailer off the interstate highway 4 miles south of Aurora.							
Platte Co. 5S Cornlea	19	1950CST	0.1	30	0	0	1	1	Tornado (F0)
		A tornado touched down briefly in a field 5 miles south of Cornlea.							
Nemaha Co. 4W Peru	19	2100CST			0	0	4	0	Thunderstorm Wind
		Thunderstorm winds destroyed a large storage shed on a farm 4 miles west of Peru.							
Scottsbluff Co. Minatare	23	1657CST			0	0	1	2	Hail (0.75)
		3/4 inch hail was reported in the Minatare area with minor crop damage.							
Scottsbluff and Banner Counties	23	1730CST-1900CST			0	0	4	6	Flash Flood
		7 1/2 inches of rain fell 5 miles north of Minatare in 1 1/2 hours, resulting in flash flooding which caused damage to crops and roads, along with severe soil erosion. Nine Mile Creek and the Tri-State Canal overflowed, forcing a number of families to be evacuated. Seven bridges were washed out and Highway 26 was closed by high water for a time from Minatare to Bayard. Up to 4 inches of rain also fell in the remote range areas of northeast Banner County. 1 to 3 inches of rain in the remainder of Scottsbluff County caused soil erosion and crop damage to an estimated 50,000 acres.							
Cheyenne and Kimball Counties	23	1900CST-2100CST			0	0	5	5	Flash Flood
		8 1/2 inches of rain in about 2 hours 8 miles north of Potter washed out roads and bridges and caused heavy soil erosion. Some flooding was also reported in the northeast corner of adjoining Kimball County.							
Burt Co. Craig	25	1610CST			0	0	3	0	Thunderstorm Wind
		Wind gusts in thunderstorms blew down power lines at Craig.							
NEBRASKA									
Richardson Co. Humboldt	25	2130CST			0	0	4	1	Thunderstorm Wind
		Thunderstorm winds damaged the roof and blew windows out of a farm home just northwest of Humboldt. The roof was also blown off of a shed and trees blown over.							
Cass, Sarpy and Saunders Counties	26	0500CST-1900CST			0	0	6	6	Flash Flood
		3 1/4 to 7 inch rains forced creeks out of banks, caused crop damage and soil erosion, flooded roadways, damaged bridges and flooded basements. Mill Creek flooded near Louisville forcing evacuation of around 16 homes and the closing of Highway 50 for a time. About a quarter of Louisville State Park was flooded. About 7 families were also evacuated along Weeping Water Creek from Weeping Water through Union as the creek rose about 5 feet over flood stage. An estimated 85,000 acres of land received crop and soil damage in Cass County. Other crop damage was reported from Ashland towards Bellevue.							
Otoe, Nemaha, Lancaster and Johnson Counties	26-28	Afternoon-Morning			0	0	5	5	Flood
		3-to 6-inch rains along the Little Nemaha River basin from south Lancaster into Otoe and Nemaha counties pushed the river out of banks, damaging cropland and covering some roadways. A reading of one foot over flood stage was measured at Auburn early on the morning of the 28th. Other crop damage and soil erosion along with some basement flooding was reported in the four-county area. 9,000 acres of farmland was estimated damaged in Otoe County and 7,000 acres in Nemaha.							
Scottsbluff Co. Scottsbluff	26	1645CST			0	0	3	1	Thunderstorm Wind
		A large tree blown down by strong winds fell on a house in Scottsbluff.							
Dawes Co. 17S Chadron	26	1820CST			0	0	1	1	Thunderstorm Wind (52)
		60 mile an hour wind gusts were reported on a ranch 17 miles south of Chadron. Damage was not reported.							
Otoe, Nemaha and Richardson Counties	26-31	Evening-Morning			0	0	5	6	Flood
		3 to 7 inch rains in tributary basins forced the Missouri River out of banks from a little north of Nebraska City south through Rulo. Readings 1.2 feet over flood stage were measured at Nebraska City on the 27th, 4.2 feet over flood stage at Brownville on the 27th and 5.8 feet over flood stage at Rulo on the 28th. Many acres of lowland farmland were flooded. About a dozen cabins and trailers were flooded near Rulo.							
Kearney Co. Axtell	27	1430CST			0	0	0	0	Funnel Cloud
		A funnel cloud was reported just northwest of Axtell.							
Richardson Co.	27-28	Afternoon-Morning			0	0	3	4	Flood
		Heavy rain forced the Big Nemaha River out of banks, damaging crops. A stage 3 feet over flood stage was recorded at Falls City during the night of the 27th.							
Cherry Co. 15E Valentine	29	1325CST	0.1	20	0	0	1	1	Tornado (F0)
		A tornado touched down briefly 15 miles east of Valentine. No reported damage occurred.							
Merrick Co. Clarks	30	1610CST			0	0	2	4	Hail (1.75)
		1 and 3/4 inch hail fell in the area around Clarks, damaging crops.							
Merrick Co. Clarks	30	1615CST			0	0	2	3	Flash Flood
		4 to 7 inch rains damaged crops and eroded fields in the Clarks area.							
Madison Co. Norfolk, Madison and Battle Creek	30	1640CST			0	0	0	0	Funnel Clouds
		Funnel clouds were reported southwest of Norfolk, and around Madison and Battle Creek.							
Howard Co. 2NW St. Libory	30	1655CST			0	0	1	3	Hail (1.75)
		1 and 3/4 inch hail was reported about 2 miles northwest of St. Libory with damage to crops.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	PROPERTY	CROPS	
NEBRASKA											
Dixon Co. Newcastle	30	1830CST			0	0	1	4			Hail (0.75)
											3/4 inch hail damaged crops in a 1 mile wide and 6 mile long strip just south of Newcastle.
Butler Co. Dwight	30	1840CST			0	0	0	0			Funnel Cloud
											A funnel cloud was reported near Dwight.
Saunders Co. Wahoo	30	1930CST			0	0	4	1			Thunderstorm Wind
											Wind gusts lifted a portion of the roof off a school at Wahoo. Farm buildings were damaged and tree limbs broken about 4 miles southeast of Cedar Bluffs.
Douglas Co. Elkhorn	30	1930CST			0	0	2	3			Hail (1.0)
											1 inch hail fell near Elkhorn and damaged gardens and crops.
Sarpy Co. 7NE Louisville	30	1945CST			0	0	1	1			Thunderstorm Wind (52)
											60 mile an hour wind gusts were reported about 7 miles northeast of Louisville. No reports of damage were received.
Douglas Co. Omaha	30	1945CST			0	0	0	0			Funnel Clouds
											A number of funnel clouds were reported by the public in the Omaha metro area.
26 NEVADA											
Washoe County	9	1530 PST			0	0	2	0			Lightning
											A chimney was damaged by a lightning strike in the Reno area.
Elko County	15	1620PST			0	0	2	0			Flash Flood
											Heavy rains of about one inch falling in about an hour caused local flooding in Jackpot. Up to two feet of water was over streets and highways in and around town. Moderate to heavy rain continued on and off for about three more hours, keeping nearly all drainages filled to overflowing.
Washoe County	15	2100PST			0	0	2	0			Flash Flood
											Cars were stranded in up to five feet of water along the Pyramid Highway (SR445) between Reno and Pyramid Lake.
Clark County	16	0600PST			0	0	3	0			Urban Flood
											Urban street flooding in Las Vegas occurred after a few hours of moderate steady rain causing numerous minor traffic accidents and the closure of the Charleston underpass on I-15.
Mineral County	16	1520PST			0	0	3	0			Mud Slide
											A small slide covered a portion of SR360 in southern Mineral County with mud and rocks.
Esmeralda County	16	1630PST			0	0	1	0			Flash Flood
											Water over U.S. 95 near Goldfield temporarily closed the road.
Mineral County	17	1130PST			0	0	3	0			Flash Flood
											Allen Creek Road off SR359 was washed out by heavy rain.
White Pine County, 1 S Ruth	17	1333PST	12	20	0	0	0	0	0	0	Tornado (F0)
											A tornado was spotted in the Ruth area west of Ely by a pilot and three local sheriffs. It occurred in an unpopulated area and caused no damage.
White Pine County	17	1400PST			0	0	0	0			Funnel Cloud
											A funnel cloud about 4 miles west of the airport at Ely was observed from the Weather Service Office. The funnel lasted about 5 minutes before it withdrew into its parent cloud.
NEVADA											
Churchill County, 7 SE to 7 ESE Fallon	17	1418PST	3	20	0	0	0	0	0	0	Tornado (F0)
											A tornado was observed 7 to 8 miles southeast of Fallon near Carson Lake. The tornado's column was estimated to extend 800 to 1000 feet between the cloud base and ground. It stayed in contact with the ground for 14.5 minutes and moved east-northeast over dry lakebed and alkali flat terrain. It kicked up a lot of dust, but no damage was done as it occurred in an unpopulated area. The tornado's circulation became disorganized and its funnel dissipated when it encountered a rain shaft. Its path width, 20 yards, is approximated.
Washoe County	17	1600PST			0	0	5	0			Flash Flood
											Over one and one-half (1.54) inches of rain in a little less than half an hour at the Reno airport was reported. Other amounts from around Reno during the same rainfall period ranged from 0.30 to 2.00 inches. The rain resulted mainly in widespread street and intersection flooding, but some ground-floor flooding of businesses and residences also occurred. Up to one foot of mud covered some of the roads in the Hidden Valley subdivision on the east side of town, and mud also inundated several houses in that area.
Eureka County	18	1140PST			0	0	0	0			Funnel Clouds
											Two funnel clouds were sighted in the Diamond Valley north of Eureka.
NV2005 Central Nevada	20	1100PST			0	0	0	0			Local Heavy Snow
											A Nevada Highway Patrolman reported about six inches of snow on U.S. Highway 50 about 30 miles west of Eureka. This was probably a relatively local event restricted to elevations over about 6500 feet.
Elko County, 25 W Wendover, UT	24	1400PST	0.2	20	0	0	0	0	0	0	Tornado (F0)
											A tornado was sighted about 5 to 6 miles south of Interstate 80 in the Steptoe Valley, about 25 miles west of Wendover. It "tore up a lot of sagebrush" but, as the area is unpopulated, it caused no damage.
Elko County: 25 to 7SE Elburz 104NW to 24NW Wells	27	1630PST	6	100	0	0	0	0	0	0	Tornado (F1)
	27	1635PST	8	50	0	0	0	0	0	0	Tornado (F0)
											The first of two tornadoes occurred about 20 miles east of Elko in the Elburz area. It was on the ground for about 18 minutes and moved southeast. It was reported to have formed from a circulation that exhibited three separate funnels before the tornado touched down. Although the area is sparsely populated, the tornado missed everything and thus, no damage occurred.
											The second tornado was observed about 4 to 6 miles north of Welcome as it moved east-southeast toward Wells. Welcome is about 10 miles west of Wells along Interstate 80 and consists of three houses and a recreation vehicle (RV) park. The spotter lost track of it and assumed that it had lifted off the ground before causing any damage.
27 NEW HAMPSHIRE — NO REPORT RECEIVED											
28 NEW JERSEY, Northern											
Union County	31	1400EST			0	2	0	0			Lightning
											Lightning struck two persons in Linden when thunderstorms swept across the region. The two men were knocked unconscious. Both were treated for burns and one was listed in critical condition.
28 NEW JERSEY, Southern											
Salem County, .5NE Pedricktown, Gloucester County, 1 NE Pedricktown	12	1440 EST			0	0	?	?			Hail (1.75)
	12	1440 EST			0	0	?	?			Hail (1.75)
											Golfball size hail fell from just northeast of Pedricktown in Salem County to a point 1/2 mile beyond the Gloucester County line.
Burlington County, 4 S Browns Mills	12	1615 EST			0	0	0	0			TSTM Wind (52)
											Thunderstorm wind gusts to 60 MPH were measured in Lebanon State Forest. No damage was reported.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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 JERSEY, Southern									
Atlantic County, Devonshire	12	1625 EST			0	0	?	0	TSTM Wind
									Thunderstorm wind gusts downed trees in the town of Devonshire.
Ocean County, Surf City	12	1635 EST			0	0	0	0	TSTM Wind (52)
									Thunderstorm wind gusts estimated at 60 MPH in Surf City on Long Beach Island caused no reported damage.
29 NEW MEXICO									
San Juan County (NMZ010)	14	1355MST			0	2	0	0	Lightning
									Two boys playing basketball were struck by lightning in Farmington. One of them was injured critically.
Lincoln County (NMZ006)	16	1055MST	1	50	0	0	3	0	Tornado (F1), Hail (0.75)
									A tornado touched down 7 miles east of Capitan and remained nearly stationary. The only damage reported was uprooted trees on a ranch. Also, hail accumulated to a depth of 3 to 4 inches and rain of 1 to 2 inches was reported in Capitan. Capitan is located in the Sacramento Mountains at an elevation of 6,900 feet.
Taos County (NMZ004-007)	18-21				0	0	5	0	Flood
									Flooding due to snowmelt occurred on the Rio Grande River from Embudo south through Espanola to Otowi.
Guadalupe County and Eastern Torrance County (NMZ002-005)	22	1445MST			0	0	0	0	Hail (1.00)
									Hail accumulated up to 4 inches deep on Highway 285 in the vicinity of Encino, making the road icy.
Northern Lea County (NMZ003)	22	1630MST			0	0	0	0	Hail (0.75), Flash Flood
									Hail was reported at Tatum. Flooding occurred on Highway 300 at Cochman.
Northern Lea County (NMZ003)	22	1650MST			0	0	0	0	Hail (1.50)
									The Lovington Fire Department reported hail north of Tatum.
Southern and Eastern Eddy County (NMZ003)	22	1900MST			0	0	0	0	Hail (1.00), Flash Flood
									Hail fell at Carlsbad Caverns National Park and at Carlsbad Airport. Local flooding of streets also occurred.
Southern Lea County (NMZ003)	23	1105MST	?	?	0	0	?	?	Tornado (F0)
									A tornado was reported by the public at Jal.
Lea County (NMZ003)	23	1230MST			0	0	0	0	Hail (1.00)
									Hail was reported at Jal.
Santa Fe County (NMZ005)	23	1518MST			0	0	0	0	Funnel Cloud
									A funnel sighted just west and north of Edgewood lasted 15 minutes.
Sandoval County (NMZ008)	23	1544MST			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted near Santo Domingo Pueblo, near I-25 and Route 22.
Otero County (NMZ009)	23	1823MST			0	0	0	0	Hail (1.00)
									Hail and heavy rain were reported at Oro Grande.
Otero County (NMZ006)	23	1845MST			0	0	0	0	Funnel Cloud
									A funnel cloud was reported near Tularosa.
Otero County (NMZ006)	23	2006MST			0	0	0	0	Thunderstorm Winds
									New Mexico State Police reported that power lines were blown down on State Highway 24 south of Cloudcroft, resulting in the closure of the highway.
Guadalupe County (NMZ002)	24	1050MST			0	0	0	0	Funnel Cloud
									A funnel was reported 8 miles southwest of Vaughn.
South-Central and Southeast Chaves County (NMZ003)	24	1507MST			0	0	0	0	Hail (0.50)
									Hail and 50 mph winds occurred at Roswell Airport.
NEW MEXICO									
Southern Chaves County (NMZ003)	24	1530MST			0	0	0	0	Funnel Cloud, Hail (1.00)
									Hail and a funnel cloud were reported at Dexter and Roswell.
Southeast Chaves County (NMZ003)	24	1645MST			0	0	0	0	Funnel Cloud, Hail (0.25)
									Hail was reported at Lake Arthur, as was a funnel at Hagerman.
Eddy County (NMZ003)	24	1720MST			0	0	0	0	Funnel Cloud
									A large funnel and rotating wall cloud were sighted 25 miles north-northeast of Carlsbad.
Northeast Eddy County (NMZ003)	24	1840MST			0	0	0	0	Funnel Cloud
									A funnel was sighted 30 miles north-northeast of Carlsbad.
Southern Lea County (NMZ003)	25	1648MST			0	0	0	0	Hail (1.00)
									Hail fell at Eunice.
Lea County (NMZ003)	25	1755MST	?	?	0	0	0	0	Tornado (F0)
									A tornado was reported 25 miles southwest of Hobbs.
Lea County (NMZ003)	25	1806MST	?	?	0	0	?	?	Tornado (F0)
									A Skywarn spotter reported a tornado 22 miles southwest of Hobbs.
Lea County (NMZ003)	25	1817MST	?	?	0	0	?	?	Tornado (F0)
									State Police reported a tornado 10 miles west of Monument.
Lea County (NMZ003)	26	1423MST	?	?	0	0	0	0	Tornado (F0)
									A tornado was reported 10 miles south of Jal.
Southeastern Lea County (NMZ003)	26	1743MST			0	0	?	?	Thunderstorm Winds
									Severe thunderstorm winds were reported near Eunice.
Lea County (NMZ003)	30	1812MST	?	?	0	0	?	?	Tornado (F0)
									The public reported a tornado south of Eunice.
Lea County (NMZ003)	30	1818MST			0	0	0	0	Funnel Cloud
									The Hobbs Police Department reported a funnel between Eunice and Jal.
Lea County (NMZ003)	30	2120MST			0	0	0	0	Funnel Cloud
									The sheriff's office reported a funnel cloud 5 miles south of Lovington.
30 NEW YORK, Coastal									
Queens Co.	29	1720EST			0	0	?	0	Thunderstorm Wind (62)
									A severe thunderstorm struck Kennedy International Airport, forcing 21 passengers and three crew members on a commuter aircraft to scramble to safety when a wind gust to 62 knots (71MPH) tipped over the craft. The aircraft was damaged, but none on board, including an infant, were injured.
Kings Co.	31	1500EST			0	3	0	0	Lightning
									Lightning struck three members of a family who took shelter under a tree in Prospect Park Brooklyn during a thunderstorm. The mother was critically injured while the husband and son were listed in good condition.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
30 NEW YORK, Central									
Herkimer County: S of Thendara	23	1130EST			0	1	5	3	Lightning
Countywide	23	1130EST			0	0	3	5	Thunderstorm winds
Deansboro	23	1300EST			0	0	0	0	Hail (0.75)
Countywide	23	1327EST			0	0	2	2	Thunderstorm winds
Countywide	23	1600EST			1	3	5	0	Thunderstorm(rain)
New Hartford	23	1515EST			0	0	0	0	Hail (0.75)
Utica	23	1615EST			0	0	3	0	Flash Flood
Countywide	23	1615EST			0	0	0	0	Thunderstorm winds
	Thunderstorm with accompanying heavy rain was listed as the cause of a head-on car accident. Police reported near-zero visibility at the crash scene. Hail about 3/4 inch was also reported in Deansboro and New Hartford. Some minor flash flooding was also reported in and around the city of Utica. One (1) male was also struck by lightning.								
	F-21-V								
Sullivan County: Barryville	23	1300EST			0	0	0	0	Hail (0.75)
Barryville	23	1300EST			0	0	2	0	Flash Flood
	Thunderstorms produced 3/4 inch hail and 1.84 inches of rain in one hour. Some minor flash flooding did occur in low-lying areas around Barryville.								
Schoharie County: Sharon Springs	23	1445EST			0	0	0	0	Hail (1.0)
Sharon	23	1500EST			0	0	0	0	Hail (1.0)
Schoharie	23	1520EST			0	0	0	0	Hail (1.0)
	Hail was reported at Sharon Springs, Schoharie, and the village of Sharon.								
Montgomery County, Canajoharie	23	1500EST			0	0	3	3	Thunderstorm winds
	Convective winds brought down trees in Canajoharie.								
Madison County, Morrisville	23	1500EST			0	0	0	0	Hail (1.0)
Rensselaer County	23	1530EST			0	0	5	0	Lightning
	Numerous cloud-to-ground lightning strikes hit in Rensselaer County. Buildings were hit in North Greenbush and Averill Park.								
Montgomery County, Florida	23	Late Afternoon			0	0	5	0	Lightning
	Cloud-to-ground lightning hit a church in the town of Florida, Montgomery County. The resulting fire destroyed the structure.								
Oneida County	23	Unknown			0	0	5	3	Lightning
	A lightning strike killed five (5) cows.								
Broome County, Endwell	28	1455EST			0	0	0	0	Hail (1.0)
Cortland County, Cortland	28	Unknown			0	0	5	0	Thunderstorm winds
	Thunderstorm winds (unknown time) caused destruction to a cemetery in Cortland County. Statues and trees were blown down.								
NY2004-009-018 Herkimer County	28	1715EST			0	0	5	5	Thunderstorm winds
	28	1835EST			0	0	3	3	Thunderstorm winds
	Strong thunderstorms rolled across the area, snapping power lines and trees. One (1) young girl was injured when a tree limb fell on her.								
Greene County, Prattsville	29	1530EST			0	0	4	3	Thunderstorm winds
	Trees were uprooted by strong winds in Prattsville. No funnel or rotary motion was observed by anyone in the area.								
Washington County, Cambridge	29	1600EST			0	0	3	3	Thunderstorm winds
	High winds brought down power lines in Cambridge.								
NEW YORK, Central									
Dutchess County	29	1630EST			0	1	5	5	Thunderstorm winds
Dutchess County	29	1630EST			0	0	0	2	Lightning
	Thunderstorms moved across Dutchess County, snapping trees and power lines. Lightning strikes split several cherry trees. One (1) male was injured when high winds blew a large tree limb through the car windshield; the young man was driving.								
Washington County, Putnam	31	1230EST			0	0	5	0	Thunderstorm winds
	Thunderstorm winds brought down trees and power lines. One (1) boat was crushed under a felled tree.								
Dutchess County, Pawling	31	1455EST			0	0	4	0	Thunderstorm winds
	Trees and power lines were brought down around Pawling.								
30 NEW YORK, Western									
Chautauque County	14	2100EST			0	0	3	0	TSTM Wind
Erie County	14	2130EST			0	0	3	0	TSTM Wind
Erie County	14	2144EST			0	0	3	0	Lightning
	Severe thunderstorm winds downed trees and power lines in Mayville and Westfield in Chautauque County, and in Colden and Chaffee in southern Erie County.								
Jefferson County, 23 NE Watertown	28				0	0	4	0	Lightning
	In the town of Oxbow, a lightning bolt shattered a section of a church's wooden belfry, resulting in a fire which destroyed the roof.								
Cattaraugus County	30	1620EST			0	0	4	0	Hail (1.25), TSTM Wind
	Golfball-sized hail fell at the town of Limestone. Power lines and tree limbs were downed by strong winds.								
Chemung and Schuyler Counties	30	1630EST			0	0	5	0	TSTM Wind
	Very strong thunderstorm winds knocked out power lines in Odessa and the Montour area in Schuyler County, and the Big Flats-Horseheads area in Chemung County. These communities suffered power blackouts for a few hours. In Odessa, a fallen tree smashed a house, damaging the siding and roof. Along the Main Street retail district, plate glass windows were shattered.								
Allegheny County, 21 SSW Hornell	30	1735EST			0	0	4	0	Hail (1.00)
	Hail fell at the town of Whitesville.								
31 NORTH CAROLINA									
Polk Co, near Saluda	01	1500EST			0	0	0	?	Hail (0.75)
Henderson Co, Boneyville	01	1530EST			0	0	0	?	Hail (0.75)
Burke Co, Morganton	01	1530EST			0	0	0	?	Hail (0.75)
Transylvania Co, near Blantyre	01	1550EST			0	0	0	?	Hail (0.75)
Union Co, near Marsh- ville	01	1858EST			0	0	?	?	Hail (1.75)
Anson Co, near Anson- ville	01	1915EST			0	0	?	?	Hail (1.75)
	Thunderstorms developed in the mountains of western North Carolina, and a few of them became severe. The storms produced mostly hail, as there were no reports of damaging winds. Firefighters noted hail up to a couple of inches deep on roads. Some severe storms produced golf ball size hail in the southern piedmont of the state. In Union County, gusty winds tore down temporary construction set up for a celebration, but winds were not strong enough to cause substantial damage.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

Gaston Co, near Mt. Holly	02	1450EST			0	0	?	?	Hail (1.75)
Moore Co.	02	1915EST			0	0	5	?	TSTM Winds, Lightning
Robeson Co, Penbroke	02	1927EST			0	0	?	0	TSTM Winds (50)
Johnston Co. Smithfield	02	1944EST			0	0	3	0	TSTM Winds
Johnston Co, Selma	02	2005EST			0	0	3	0	TSTM Winds
Wayne Co, near Fremont	02	2030EST			0	0	4	0	TSTM Winds
Wilson Co, Wilson	02	2030EST			0	0	4	0	TSTM Winds, Lightning
Wilson Co, Southern	02	2045EST			0	0	4	0	TSTM Winds
<p>Severe thunderstorms affected mostly central sections of the state during the afternoon and evening. The storms were also noteworthy because of the amount of lightning. Several fires were started by lightning in Moore and Wilson counties. There were few reports of hail - mostly damage to trees and power lines caused by thunderstorm winds. A particularly viscous line of storms affected Wilson County after developing as a single storm in Johnston County. Many parts of the county were without power for several hours after the storm passed.</p>									
Cumberland Co, South-eastern	03	1650EST			0	0	3	0	Hail (0.88)
Johnston Co, 5 North Smithfield	03	1735EST			0	0	?	?	Hail (0.75)
Johnston Co, Kenly	03	1750EST			0	0	3	0	TSTM Winds, Hail (0.75)
<p>A Cumberland County deputy reported damage to his patrol car from nickel size hail. A separate storm became severe in central Johnston County. As it moved east it produced some damage in Kenly.</p>									
Craven Co, Cherry Point	04	1310-1315EST			0	0	0	0	Funnel Cloud
Rockingham Co, Bethany	12	1850EST			0	0	0	?	Hail (0.75)
Moore Co, Carthage	13	1305EST			0	0	?	?	Hail (0.75)
Burke Co, near Morganton	15	1805EST			1	0	0	0	Lightning
<p>A man went outside to pen up his dogs "before the storm" and was struck and killed by lightning. Lightning M,39.0</p>									
Nash Co, 2 North of Spring Hope	19	1355EST			0	0	3	0	TSTM Winds
Alamance Co, Burlington	19	1855EST			0	0	5	0	Lightning, TSTM Winds
<p>A huge oak tree, along with 10 smaller trees, was blown down near Spring Hope. Tops of other trees were also blown out, and some minor damage to a home and outbuildings was reported. Lightning struck a home and caused over \$50,000 damage to a home and contents. Thunderstorm winds blew two trees onto a mobile home in Burlington causing substantial damage. The occupants were in the opposite end of the trailer.</p>									
Granville Co, Oxford	25	1320EST			0	0	4	0	TSTM Winds, Hail (1.00)
Harnett Co, Coats	25	1715EST			0	0	3	0	TSTM Winds
<p>A powerful storm caused quite a bit of damage in Oxford as it developed and weakened rapidly. A number of trees, limbs, and power lines were blown down and quarter size hail was reported. A similar storm affected a small part of Harnett County later in the evening. A small building was destroyed, numerous trees and power lines were blown down, and some trees were topped out in Coats.</p>									
Buncombe Co, near Barnardsville	29	1355EST			0	0	?	?	Hail (1.75)
Lincoln Co, Lincolnton	29	1730EST			0	0	4	0	TSTM Winds
<p>Golf ball size hail from a slow-moving storm was reported in northern Buncombe County. A storm blew down trees and power lines in and around Lincolnton. Other trees had the tops blown out, and a shed was damaged by a falling tree. Power was out to about 100 customers until early the next morning.</p>									

32 NORTH DAKOTA

Ward County, Burlington	12	2259CST			0	0	4	0	Thunderstorm Wind (G52)
<p>Strong winds followed the collapse of showers and possible thunderstorms. These winds caused power outages, and damage to roofs and garages.</p>									

NORTH DAKOTA

Cass County, 35W Fargo	15	1801CST			0	0	5	0	Thunderstorm Wind (G52)
<p>Brief strong thunderstorm winds overturned two semi-trailers that were stopped along the side of Interstate 94.</p>									
Burke County	16	0200CST			0	0	4	0	Lightning
<p>Lightning strikes killed two cows, and caused a tank battery to explode, on farms in the Lignite area.</p>									
Cass County, 4NW Harwood	16	1855CST			0	0	0	0	Hail (1.25)
<p>1-1/4 inch hail was reported by the public.</p>									
Sioux County, 5NW Selfridge	23	1743CST							Funnel Cloud

33 OHIO

Licking County	14	1500 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm blew over a tractor-trailer and a barn, and moved a house off its foundation. The damage occurred in the southern part of the county.</p>									
Knox County	14	1618 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm downed trees across the county.</p>									
Licking County	14	1630 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm felled several trees east of Newark.</p>									
Fairfield County	14	1730 EST			0	0	4	0	Thunderstorm Wind
<p>Winds of 60 to 65 mph were observed in Lancaster.</p>									
Guernsey County	14	1900 EST			0	0	4	0	Thunderstorm Wind, Hail (1.0)
<p>A thunderstorm felled trees and dropped large hail in Birmingham.</p>									
Darke County	14	2030 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm knocked over several trees in the northeast part of the county.</p>									
Lake County	14	2040 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm blew over trees in the Mentor area.</p>									
Fairfield County	17	1745 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm downed trees and caused some roof damage in Bremen.</p>									
Wyandot County	18	1230 EST			0	1	4	0	Thunderstorm Wind
<p>A thunderstorm overturned a mobile home, injuring a male occupant.</p>									
Crawford County	18	1300 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm felled trees in Galion.</p>									
Allen County	18	1330 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm downed trees around Lima. A garage was also destroyed.</p>									
Columbiana County	18	1440 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm knocked over several trees in Salem.</p>									
Ross County	19	1500 EST			0	0	4	0	Thunderstorm Wind
<p>Thunderstorm winds overturned a mobile home in Clarksburg.</p>									
Delaware County	19	1505 EST			0	0	4	0	Thunderstorm Wind
<p>Trees were felled by a thunderstorm near Center Village.</p>									
Delaware County	19	1620 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm knocked over trees in Center Village.</p>									
Fairfield County	19	1645 EST			0	0	4	0	Thunderstorm Wind
<p>A thunderstorm deroofted a house and caused structural damage in Bremen.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
OHIO										OHIO									
Auglaize County	19	1740 EST			0	0	4	0	Thunderstorm Wind	Fayette County	30	1210 EST			0	0	4	0	Hail (1.0)
									A thunderstorm destroyed 2 barns and damaged several other buildings in Waynesfield.										A thunderstorm produced large hail east of Washington Court House.
Miami County	19	1745 EST			0	0	4	0	Hail (1.0)	Mahoning County	30	1245 EST			0	0	4	0	Thunderstorm Wind
									A thunderstorm produced large hail southeast of Piqua.										A thunderstorm felled trees from Poland to Struthers.
Preble County	20	1430 EST			0	0	4	0	Thunderstorm Wind	Lorain County	30	1300 EST			0	1	0	0	Lightning
									A thunderstorm felled trees in West Alexandria.										A 31-year-old man was injured by lightning while working on a haywagon. The incident occurred in the northeast part of the county.
Butler County	20	1500 EST			0	0	4	0	Thunderstorm Wind	Hamilton County	30	1315 EST			0	0	0	0	Thunderstorm Wind
									A thunderstorm downed trees in Middletown.										A thunderstorm blew down trees in the Forest Park area.
Hamilton County	21	1600 EST			0	1	0	0	Lightning	Montgomery County	30	1317 EST			0	0	3	0	Hail (.75)
									A 14-year-old boy was struck by lightning while playing under a tree in Cincinnati.										A thunderstorm dropped large hail on the Dayton airport.
Hardin County	21	1615 EST			0	0	4	0	Thunderstorm Wind	Ashtabula County	30	1325 EST			0	0	3	0	Hail (.75)
									A thunderstorm knocked over trees and damaged buildings in Forest.										A thunderstorm produced large hail at several locations in the county.
Licking County	21	1818 EST			0	1	0	0	Lightning	Miami County	30	1330 EST			0	0	4	0	Hail (1.0)
									A 29-year-old man was injured by lightning on a softball field in Newark.										Large hail fell on Tipp City.
Lawrence County	21	Evening- 22 Early Morning			0	0	6	5	Flash Flood	Geauga County	30	1405 EST			0	0	4	0	Thunderstorm Wind
									Flash flooding resulted when a storm that lasted about 4 hours dropped at least 4 to 5 inches of rain on rugged topography. Five homes and a bridge were destroyed. Thirty other homes experienced varying degrees of damage. The worst flooding problems were in the Rock Camp area.										A thunderstorm downed trees in Thompson.
Franklin County	22	1545 EST			0	0	4	0	Thunderstorm Wind	Mahoning County	30	1417 EST			0	0	4	0	Hail (1.75)
									A thunderstorm flattened a church revival tent and felled several trees in the southern part of the county.										Golf ball size hail fell on New Middleton.
Butler County	25	1630 EST			0	0	4	0	Thunderstorm Wind	Crawford County	30	1430 EST			0	0	4	0	Thunderstorm Wind
									A thunderstorm deroofed a building and felled trees in Ross.										A thunderstorm blew over several trees in the southern part of the county and damaged a barn near New Winchester.
Clinton County	25	1700 EST			0	0	4	0	Thunderstorm Wind	Marion County	30	1500 EST			0	0	4	0	Thunderstorm Wind
									Trees were felled by a thunderstorm in Wilmington.										A thunderstorm felled trees and caused property damage in Marion.
Hamilton County	25	1715 EST			0	0	4	0	Thunderstorm Wind, Hail (1.0)	Lorain County	30	1545 EST			0	0	4	0	Thunderstorm Wind, Hail (.75)
									A thunderstorm downed trees and produced large hail in Cincinnati.										A thunderstorm blew over trees, produced 60 mph winds, and dropped large hail in Sheffield Lake and Lorain.
Hamilton County	25	Evening			0	1	0	0	Lightning	Holmes County	30	1614 EST			0	0	4	0	Thunderstorm Wind
									A woman sitting near a tree was struck by lightning in West Harrison.										A thunderstorm felled trees in Loudonville.
Adams County	26	1500 EST			0	0	4	0	Thunderstorm Wind	Hancock County	30	1630 EST			0	0	4	0	Thunderstorm Wind
									A thunderstorm destroyed a garage and blew down trees in Manchester.										A thunderstorm downed trees north of Findlay.
Butler County	26	After-noon			0	0	5	0	Flash Flood	Stark County	30	1630 EST			0	0	4	0	Thunderstorm Wind
									Approximately 4.5 inches of rain fell on the Bethany area in about an hour. At least 12 homes suffered heavy damage as water rose to heights of 3 feet or more within them. At least 2 vehicles were also destroyed.										A thunderstorm knocked over several trees and deroofed a building. The damage was concentrated between Massillon and Canton.
Athens County	26	1840 EST			0	0	4	0	Thunderstorm Wind	Wayne County	30	1645 EST			0	0	4	0	Thunderstorm Wind
									A thunderstorm downed trees in many parts of the county.										A thunderstorm blew down trees about 5 miles south of Sterling.
Trumbull County	28	1425 EST			0	0	4	0	Thunderstorm Wind	Van Wert County	30	1718 EST			0	0	4	0	Thunderstorm Wind
									A thunderstorm felled trees in Warren and Niles.										Trees were felled by a thunderstorm in Elgin.
Trumbull County	29	1430 EST			0	0	4	0	Thunderstorm Wind										
									A thunderstorm knocked over trees in Niles.										
Stark County	30	1012 EST			0	0	3	0	Hail (.75)										
									A thunderstorm produced large hail in Navarre.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA										OKLAHOMA									
Canadian County, Yukon	21	2220CST			0	0	?	?	Hail (0.75)	OK2006-010-011-015-016-022-023-024	27-	Continuous			2	0	7	7	Flooding
Oklahoma County, 8 mi. W Jones	21	2300CST			0	0	?	?	Hail (0.88)		31								
<p>Thunderstorms produced hail ranging from dime size to lemon size across central and northeastern sections. \$250,000 damage occurred at Yukon to houses and autos. Three to four inches of rain caused flash flooding across southern Logan County, closing several roads from 6 to 9 PM.</p>										<p>Heavy rains of 5 to 8 inches were common with some reports of 10 to 13 inches over central sections. This heavy rain fell over saturated land, causing tremendous runoff which in turn caused many streams, creeks, and rivers to flood. Rivers such as the Deep Fork, Cimarron, Washita, Salt Fork of the Arkansas, The Red, North Fork of the Red, Beaver Creek, North Canadian, South Canadian, Cottonwood Creek and the Chickaskia caused major flooding across central areas of the state. Between 2 and 3 thousand people had to be evacuated from their homes, many by boats and helicopters. Over 600 people were evacuated from Lindsay. Flooding damaged 859 homes and many businesses. Many roads and bridges were washed out. A 14-year-old boy was walking along a flooded creek and fell in near Dibble in McClain County around 8 PM on the 28th. His body was recovered several hours later. A woman with her 3 children drove into a flooded roadway in northeast Oklahoma City about 10 PM on the 28th and were washed downstream. The woman got the children out of the car and into a tree. The two-year-old daughter could not hold on and fell into the flowing water and drowned. Damage to wheat, cotton, and peanuts was substantial. At least 21 counties received damage to crops and between 500 and 600 head of cattle were lost. The amount of dollar damage may not be known for some time, but latest estimates are for \$25 million for roads and bridges, \$10 million for homes and businesses, and \$30 million of agriculture. FLOODING M140, F02V</p>									
Beckham County, Elk City	22	0125CST			0	0	?	?	Hail (0.75)	Elaine, Custer, and Dewey Counties	27	0000-0130CST			0	0	?	?	Flash Flooding
Kiowa County, Roosevelt	22	0130CST			0	0	?	?	Hail (0.75)										
Caddo County, 3 mi. S Hinton	22	0300CST			0	0	?	?	Hail (0.75)	Garfield and Kingfisher Counties	27	1000-1300CST			0	0	?	?	Flash Flooding
<p>Small hail fell across west-central sections.</p>										<p>Continuous heavy rainfall caused flooding of small streams. The water closed roads and got into some houses in low-lying areas.</p>									
Rogers County, Talala	23	1310CST			0	0	?	?	Hail (0.75)										
Pittsburg County, 6 mi. S Quinton	23	1320CST			0	0	?	?	Hail (0.75)										
Pittsburg County, Hartshorne	23	1330CST			0	0	?	?	Hail (0.88)										
Pushmataha County, Albion	23	1445CST			0	0	?	?	Hail (0.75)										
Kiowa County, 1 mi. S Roosevelt	23	1400-1630CST			0	0	?	?	Flash Flooding										
Leflore County, 10 NE Poteau	23	1545CST			0	0	?	?	Hail (1.00)										
<p>Small hail fell across eastern sections of the state while 4 to 6 inch rains caused several small streams to flood closing Highway 183 south of Roosevelt.</p>										<p>Rainfall amounts of 3 to 4 inches in 6 hours caused streams to overflow, closing many roads.</p>									
Blaine County, 5 mi. N Canton	24	0730CST			0	1	?	?	Lightning	OK2015-016, Logan County	27	0900-2000CST			0	0	?	?	Flash Flooding
Carter County, 3 mi. NW Ardmore	24	1420CST	0.3	25	0	0	3	?	Tornado (F0)										
<p>A 56-year-old woman was injured by lightning while loading a boat at Canton Lake. A small tornado set down on Dornick golf course, damaging trees and five autos in the parking lot. It moved southwest to northeast and made golfers jump into sand traps for cover. Damage was estimated at \$2000.</p>										<p>Rainfall amounts of 4 to 6 inches caused most small streams and creeks to overflow their banks. Many roads and highways were under water, trapping people in some areas. Creeks such as the Cottonwood, Deer, Walnut, Line, and Rush, and the Little Washita River caused extensive damage to roads and bridges.</p>									
Dewey County, 10 mi. SE Seiling	26	1610CST			0	0	?	?	Tstm. Wind	OK2015-016, Logan, Comanche, Garvin, and Stephens Counties	27	1800-2330CST			0	0	?	?	Flash Flooding
Blaine County, Longdale	26	1635CST			0	0	?	?	Tstm. Wind										
Major County, 8 mi. N Cedar Springs	26	1635CST			0	0	?	?	Tstm. Wind										
Major County, 4 mi. S Ringwood	26	1700CST			0	0	?	?	Tstm. Wind										
Custer County, 9 mi. W Thomas	26	1745CST			0	0	?	?	Hail (0.75)										
Dewey County, 5 mi. N Fay	26	1805CST			0	0	?	?	Hail (0.75)	Cleveland County, Noble	27	1815CST			0	0	?	?	Tstm. Wind
Blaine County, Eagle City	26	1810CST			0	0	?	?	Hail (0.75)										
Grant County, 10 mi. NE Medford	26	1840CST			0	0	?	?	Hail (0.88)										
McCurtain County, Hayworth	26	1850CST			0	0	?	?	Hail (1.00)										
Garfield County, Vance AF Base	26	1935CST			0	0	?	?	Hail (1.00)	OK2015-016-021-022, Kiowa, Garvin, Kingfisher and Logan Counties	28-29	1300-0600CST			0	0	?	?	Flash Flooding
Garfield County, 2 mi. W Enid	26	1943CST			0	0	?	?	Hail (1.75)										
Kay County, 4 mi. SW Tonkawa	26	2045CST			0	0	?	?	Hail (0.88)										
OK2005, Dewey, Blaine and Custer Counties	26	2100-2300CST			0	0	?	?	Flash Flooding										
Garfield County, 5 mi. SE Lahoma	26	2102CST			0	0	?	?	Hail (0.75)										
Caddo County, 4 mi. ESE Anadarko	26	2200CST			0	0	?	?	Hail (0.75)	Choctaw County, Soper	28	1833CST			0	0	?	?	Hail (0.88)
Texas County, 5 mi. NE Texhoma	26	2205CST	0.1	30	0	0	?	?	Tornado (F0)	Pushmataha County, Antlers	28	1845CST			0	0	?	?	Hail (0.75)
<p>Thunderstorms produced winds of 60 to 70 mph and hail up to 1 3/4 inches across the west and north-central sections. Rains of 3 to 4 inches caused several small streams to get out of their banks, closing many country and state roads for a few hours. A weak tornado touched down briefly northeast of Texhoma and downed a few powerlines.</p>										<p>Small hail fell across southeastern areas.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA.

MAY 1987

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	

OKLAHOMA

Oklahoma County, SE Oklahoma City	31	1150CST			0	0	?	?	Hail (0.75)
Logan County, 3 mi. S Seward	31	1200CST			0	0	?	?	Hail (0.75)
Oklahoma County, Edmond	31	1205CST			0	0	?	?	Hail (0.75)
Logan County, 8 mi. E Guthrie	31	1245CST			0	0	?	?	Hail (0.75)
Oklahoma County, Edmond	31	1335CST			0	0	?	?	Hail (0.75)
Tulsa County, 5 Tulsa	31	1345CST			0	0	?	?	Tstm. Wind
Oklahoma County, Edmond	31	1435CST			0	0	?	?	Hail (0.75)
Lincoln County, 2 mi. E Meeker	31	1457CST			0	0	?	?	Tstm. Wind
Oklahoma County, Edmond	31	1500CST			0	0	?	?	Flash Flooding
Creek County, Mounds	31	1500CST			0	0	3	?	Tstm. Wind
Oklahoma County, near Jones	31	1510CST			0	0	?	?	Tstm. Wind
Oklahoma County, Luther	31	1531CST			0	0	?	?	Tstm. Wind
Oklahoma County, Jones	31	1532CST			0	0	?	?	Hail (0.88)
Lincoln County, 2 mi. W Chandler	31	1550CST			0	0	?	?	Hail (0.88)
Lincoln County, 1 mi. E Meeker	31	1615CST	0.2	50	0	0	?	?	Tornado (F0)
Pottawatomie County, 5 mi. SW Prague	31	1632CST			0	0	?	?	Hail (0.88)
Lincoln County, Prague	31	1705CST			0	0	?	?	Hail (0.88)

Thunderstorms produced winds of 60 to 70 mph and hail the size of nickels and dimes across the central and northeastern sections. Rainfall of 2 to 3 inches in a short time caused local flooding in Edmond, closing several streets and one highway. A tornado set down one mile east of Meeker and traveled toward the east for less than 1/4 of a mile. The tornado damaged four houses and destroyed one garage. A 39-year-old man was injured by lightning at about 1230 PM while mowing his yard.

35 OREGON

ORZ005	07	1730PST			0	0	5	?	TSTM Wind
Scattered high-level thunderstorms formed in the late afternoon and evening across the interior of southwestern Oregon. Wind gusts of between 60 and 70 mph tore galvanized roofing and heavy air conditioning units off a large chicken farm near Eagle Point in Jackson County. Numerous old barns were blown down and there was considerable tree damage. Lightning caused several small fires in the foothills near Roseburg in Douglas County.									
ORZ012	15	1810PST			0	0	?	?	Heavy Rain
Nine-tenths of an inch of rain fell at Rome in southern Malheur County. The Boise NWSFO issued a flash flood warning on the basis of this report as the rain fell from heavy thunderstorms in a one-hour period. As best can be determined, no flash flooding of any kind was observed or reported.									

36 PENNSYLVANIA, Eastern

Chester County, West Chester	12	1440EST			0	0	4	0	Lightning
Lightning struck the antenna atop the borough building. The bolt destroyed the antenna, damaged or destroyed parts of the police and fire radios and destroyed one radio base.									
Snyder County, Beavertown	18	1755EST			0	0	4	0	Lightning
Union County, Winfield	18	1815EST			0	0	?	0	TSTM Wind
Northumberland County:									
2 S Sunbury	18	1820EST			0	0	?	0	TSTM Wind
3 E Sunbury	18	1820EST			0	0	0	0	TSTM Wind
Riverside	18	1835EST			0	0	?	0	TSTM Wind
Thunderstorms moving across the Middle Susquehanna Valley downed trees and utility lines and caused at least one fire. In Beavertown, Snyder County, lightning caused a fire in a shirt factory and caused power outages. Wind also loosened aluminum siding on one building. Wind gusts brought down trees that blocked roads and downed utility lines in Winfield, Union County, in Riverside, Northumberland County, and just to the south and east of Sunbury, Northumberland County.									

PENNSYLVANIA, Eastern

Adams County, Littletown	23	1340EST			0	0	?	?	Hail (1.75)
Snyder County, 5 E McLure	23	1445EST			0	0	?	?	Hail (0.75)
Juniata County: Thompsontown	23	1455EST			0	0	?	?	TSTM Wind
McAlisterville	23	1455EST			0	0	?	?	Hail (?), Lightning
Thunderstorms produced golfball size hail at Littletown, Adams County, and 3/4 inch hail just east of McLure in Snyder County. Hail of unknown size caused damage in McAlisterville, Juniata County. Lightning also struck a fuel storage area in McAlisterville, causing a fire. Wind gusts brought down several trees in Thompsontown, Juniata County.									
Sullivan County, Forksville	28	1728EST			0	0	?	0	TSTM Wind
Thunderstorm wind gusts brought down trees and power lines near Forksville. There was also heavy rain and small hail.									
Centre County: Howard	30	2000EST			0	0	?	0	TSTM Wind
					0	0	?	0	Hail (0.75)
2 NE Mingoville	30	2050EST			0	0	?	0	TSTM Wind
Thunderstorms moving across Centre County downed trees and produced dime size hail near Howard. They also downed large trees near Helca Park in Walker Township which is northeast of Mingoville. Heavy rain also fell in Walker Township and lightning hit numerous transformers, causing power outages.									

36 PENNSYLVANIA, Western

Allegheny County, Oakmont (7 NE Pittsburgh)	18	1600EST			0	0	3	0	Thunderstorm Wind
Twenty to thirty large trees were blown down, and 4 homes and several autos were damaged by falling trees.									
Westmoreland County, Avonmore (17 N Greensboro)	18	1620EST			1	1	4	0	Thunderstorm Wind
A two-story building under construction collapsed due to thunderstorm wind; one construction worker was killed, one injured. A roof was blown off of a fire department building.									
Clearfield County, Burnside (21 SW Clearfield)	18	1640EST			0	0	3	0	Lightning
A lightning-induced fire destroyed a shed.									
Allegheny County, 9 N Pittsburgh and 14 N Pittsburgh	26	1800EST			0	0	4	0	Flash Flood
Little Pine Creek in Shaler went over its banks after 3 to 4 inches of rain fell during thunderstorms. Over 100 residents evacuated from Shaler, Etna, and Hampton. Roads were closed and basements flooded nine miles north of Pittsburgh. Little Deer Creek overflowed into Russellton, 14 miles north of Pittsburgh, flooding basements.									
Westmoreland County, New Kensington (21 NW Greensburg), Van Der Grift (21 N Greensburg), Latrobe, and Washington Township (15 NW Greensburg)	26	1800EST			0	0	4	0	Flash Flood, Lightning
Pucketa Creek went over its banks at New Kensington. Road flooding occurred at Van Der Grift and Latrobe after two to three inches of rain fell during a thunderstorm. Two trailers were set ablaze by lightning and destroyed.									
Indiana County, Indiana, and Homer City (4 S Indiana)	26	1800EST			0	0	2	0	Flash Flood
Two Lick Creek went over its banks in Indiana. Street and basement flooding occurred in Indiana and Homer City.									
Lawrence County, New Castle	28	1430EST			0	0	0	0	Hail (1.50)
Hail fell just north of New Castle.									
Crawford County, Linesville (14 E Meadville)	30	1238EST			0	0	0	0	Thunderstorm Wind, Hail (0.75)
Large trees were downed by thunderstorm wind at Linesville, and hail fell there as well.									
Butler County, Slippery Rock (23 SW Franklin)	30	1350EST			0	0	0	0	Hail (0.75)
Three-quarter inch diameter hail fell at Slippery Rock.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
34 OKLAHOMA									
Cimarron County, 8 mi. E Boise City	03	1340CST	0.1	30	0	0	0	0	Tornado (F0)
Love County, 2 mi. SE Burneyville	03	1840CST			0	0	?	?	Hail (1.75)
Coal County, Olney	03	1900CST			0	0	?	?	Hail (1.00)
Carter County, 1 mi. NW Ardmore	03	1922CST			0	0	?	?	Hail (0.88)
Coal County, 10 mi. N Cairo	03	2000CST			0	0	?	?	Hail (0.75)
Carter County, Dickson	03	2010CST			0	0	?	?	Hail (0.75)
Love County, 5 mi. N Thackerville	03	2020CST			0	0	?	?	Hail (0.75)
Marshall County, Madill	03	2020CST			0	0	?	?	Hail (0.88)
Hughes County, 5 mi. S Stuart	03	2030CST			0	0	?	?	Hail (0.75)
Marshall County, 5 mi. W Kingston	03	2030CST			0	0	?	?	Hail (0.75)
Johnston County, 15 mi. W Wapanucka	03	2030CST			0	0	?	?	Hail (0.75)
Coal County, 5 mi. S Tupelo	03	2100CST			0	0	?	?	Hail (0.75)
Lincoln County, Midway	03	2121CST			0	0	?	?	Hail (1.00)
Lincoln County, 3 mi. N Fowler	03	2130CST			0	0	?	?	Hail (0.88)
Hail ranging from dime to golfball size fell across sections of south-central and central Oklahoma. A ropelike tornado touched down briefly east of Boise City, causing no damage.									
Tulsa County, N. Broken Arrow	05	1415CST			0	0	?	?	Hail (0.88)
Cherokee County, 5 mi. W Tahlequah	05	1710CST			0	0	?	?	Hail (1.00)
Hail of up to one inch diameter fell across northeastern sections of Oklahoma.									
Garfield County, 5 mi. N Waukomis	18	1605CST			0	0	?	?	Tstm. Wind
Payne County, 4 mi. N Cushing	18	1655CST			0	0	?	?	Hail (0.75)
Garfield County, Krenlin	18	1658CST			0	0	?	?	Hail (0.75)
Kay County, Newkirk	18	1700CST			0	0	?	?	Hail (0.75)
Grant County, Deer Creek	18	1703CST			0	0	?	?	Hail (0.88)
Kay County, 5 mi. NE Newkirk	18	1715CST			0	0	?	?	Hail (0.75)
Garfield County, Krenlin	18	1735CST			0	0	?	?	Tstm. Wind
Kay County, 8 mi. NE Newkirk	18	1800CST			0	0	?	?	Tstm. Wind
Thunderstorms produced winds up to 60 mph and hail up to nickel size across north-central sections.									
Lincoln County, Agra	19	1622CST			0	0	?	?	Hail (1.75)
Lincoln County, 5 mi. N & 2 E Chandler	19	1626CST	0.1	30	0	0	4	?	Tornado (F1)
Murray County, Dougherty	19	1640CST			0	0	?	?	Tstm. Wind
Carter County, Healdton	19	1645CST			0	0	4	?	Tstm. Wind
Payne County, 4 mi. N Cushing	19	1655CST			0	0	?	?	Hail (0.75)
Caddo County, 1 mi. N Carnegie	19	1700CST			0	0	4	?	Tstm. Wind
Pottawatomie County, Wanette	19	1715CST			0	0	?	?	Hail (0.75)
Pottawatomie County, Pink	19	1738CST			0	0	?	?	Tstm. Wind
Oklahoma County, 2 mi. E Will Rogers Airport	19	1800CST			0	0	4	?	Tstm. Wind
Oklahoma County, 15 mi. N Will Rogers Airport	19	1800CST			0	0	3	?	Tstm. Wind
Logan County, 2 mi. W Guthrie	19	1800CST			0	0	?	?	Hail (1.75)
Thunderstorms produced winds up to 60 mph and hail up to golfball size across central sections. Roofs sustained damage and many trees were downed in Pink and Dougherty, and a restaurant suffered wind damage in southwest Oklahoma City. Part of a school's roof was taken off in Healdton. A barn was destroyed north of Carnegie. A tornado briefly touched down north of Chandler and destroyed a well-built barn.									
OKLAHOMA									
Washita County, Rocky	20	1805CST			0	0	?	?	Hail (0.88)
Caddo County, Hinton	20	1830CST			0	0	?	?	Tstm. Wind
Caddo County, Lookaba	20	1852CST			0	0	?	?	Hail (1.75)
Hail up to golfball size fell across southwestern sections, and 60 to 70 mph winds occurred at Hinton.									
Canadian County, Piedmont	21	1610CST			0	0	?	?	Hail (0.88)
Elaine County, Greenfield	21	1625CST			0	0	?	?	Hail (0.75)
Payne County, Cushing	21	1631CST			0	0	?	?	Hail (1.75)
Canadian County, 6 mi. NE Geary	21	1635CST			0	0	?	?	Hail (0.88)
Canadian County, 3 mi. NE Piedmont	21	1635CST			0	0	?	?	Hail (0.75)
Logan County, 3 mi. S Seward	21	1644CST			0	0	?	?	Hail (1.00)
Creek County, 1 mi. E Mannford	21	1644CST			0	0	?	?	Hail (0.75)
Pawnee County, 5 mi. W Westport	21	1648CST			0	0	?	?	Hail (1.00)
Kingfisher County, 5 mi. S Omega	21	1700CST			0	0	?	?	Hail (0.75)
Oklahoma County, Edmond	21	1700CST			0	0	?	?	Hail (1.75)
Osage County, Pawhuska	21	1717CST			0	0	?	?	Hail (0.75)
Kingfisher County, Cashion	21	1720CST			0	0	?	?	Hail (1.00)
Logan County, 4 mi. E Cashion	21	1724CST			0	0	?	?	Hail (1.75)
Canadian County, 4 mi. NE Piedmont	21	1734CST			0	0	?	?	Hail (1.75)
Oklahoma County, 3 mi. E Edmond	21	1737CST			0	0	?	?	Hail (1.25)
Logan County, Seward	21	1741CST			0	0	?	?	Hail (1.75)
Logan County, 3 mi. S Seward	21	1745CST			0	0	?	?	Hail (0.75)
Caddo County, Lookaba	21	1752CST			0	0	?	?	Hail (1.75)
Logan County, 1800-2100CST	21	1800-2100CST			0	0	?	?	Flash Flooding
Logan County, 5 mi. E Guthrie	21	1803CST			0	0	?	?	Hail (0.75)
Logan County, 10 mi. S Crescent	21	1808CST			0	0	?	?	Hail (2.75)
Logan County, 15 mi. E Guthrie	21	1814CST			0	0	?	?	Hail (0.75)
Logan County, 3 mi. S Seward	21	1815CST			0	0	?	?	Hail (0.75)
Oklahoma County, 1 mi. W Edmond	21	1820CST			0	0	?	?	Hail (0.75)
Logan County, 2 mi. S Seward	21	1821CST			0	0	?	?	Hail (1.25)
Logan County, 6 mi. E Meridian	21	1830CST			0	0	?	?	Hail (1.25)
Washita County, 2 mi. S Corn	21	1830CST			0	0	?	?	Hail (0.75)
Ellis County, Gage Airport	21	1831CST			0	0	?	?	Hail (0.75)
Logan County, 1 mi. S Guthrie	21	1836CST			0	0	?	?	Hail (2.00)
Canadian County, 4 mi. SW El Reno	21	1837CST			0	0	?	?	Hail (0.75)
Canadian County, Yukon	21	1848CST			0	0	5	?	Hail (2.50)
Canadian County, Yukon	21	1858CST			0	0	?	?	Hail (1.75)
Washita County, Corn	21	1900CST			0	0	?	?	Hail (1.75)
Oklahoma County, Oklahoma City	21	1905CST			0	0	?	?	Hail (1.75)
Oklahoma County, Oklahoma City	21	1920CST			0	0	?	?	Hail (0.75)
Oklahoma County, Ottawa County, Miami	21	1923CST			0	0	?	?	Hail (0.75)
Oklahoma County, Oklahoma City	21	1927CST			0	0	?	?	Hail (0.75)
Logan County, 4 mi. S Seward	21	1930CST			0	0	?	?	Hail (0.75)
Canadian County, Union City	21	1930CST			0	0	?	?	Hail (0.75)
Oklahoma County, 3 mi. W Edmond	21	1945CST			0	0	?	?	Hail (0.75)
Logan County, 4 mi. SW Seward	21	1945CST			0	0	?	?	Hail (0.75)
Lincoln County, 2 mi. S Chandler	21	2035CST			0	0	?	?	Hail (0.75)
Caddo County, 5 mi. E Hydro	21	2045CST			0	0	?	?	Hail (1.00)
Oklahoma County, Del City	21	2045CST			0	0	?	?	Hail (1.75)
Canadian County, 1 mi. W El Reno	21	2158CST			0	0	?	?	Hail (0.88)

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
PENNSYLVANIA, Western									
Erie County, Fairview (4 SW Erie)	30	1400EST			0	0	0	0	Hail (0.75) Three-quarter inch diameter hail fell at Fairview.
Potter County, Shinglehouse (24 E Bradford)	30	1745EST			0	0	0	0	Hail (0.75) Three-quarter inch diameter hail fell at Shinglehouse.
Beaver County, Brady's Run Park (4 N Beaver)	30	2005EST			0	0	0	0	Thunderstorm Wind, Hail (1.50) Winds downed large trees during a thunderstorm in Brady's Run Park, and hail fell also.
Butler County, Penn Township (6 S Butler)	30	2109EST			0	0	0	0	Thunderstorm Wind Large trees were downed in Penn Township.
Armstrong County	30	2150EST			0	0	0	0	Thunderstorm Wind Large trees were downed throughout the county.
Indiana County	30	2150EST			0	0	0	0	Thunderstorm Wind Large trees were downed throughout the county.
Jefferson County	30	2230EST			0	0	0	0	Thunderstorm Wind Power lines were downed throughout the county.
37 RHODE ISLAND ————— NONE REPORTED									
38 SOUTH CAROLINA									
York County	01	1530EST			0	0	3	0	TSTM Wind Winds during a thunderstorm uprooted a tree on Peeble Road in Rock Hill.
Greenville County	01	1610EST			0	0	3	2	TSTM Wind
Greenville County	01	1610EST			0	0	4	3	Hail (1.00), Wind and hail during a thunderstorm 5 miles north of Greenville damaged cars and felled several trees.
Spartanburg County	01	1620EST			0	0	3	3	Hail (1.00)
Spartanburg County	01	1630EST			0	0	3	3	Hail (1.00) Hail was reported near Landrum at 1620EST and near Inman at 1630EST.
Cherokee County	01	1718EST			0	0	4	0	Hail (0.75) Three-quarter inch diameter hail was reported in east Gaffney, and small hail was reported in several areas of the county. Also, several trees were downed in Gaffney.
Calhoun County	01	2042EST			0	0	2	3	Hail (0.75) Hail was reported between Cameron and St. Matthews.
Orangeburg County	01	2045EST			0	0	3	4	Hail (1.00) Hail damaged cars and crops 3 miles south of Orangeburg.
Calhoun County	02	1638EST			0	0	2	3	Hail (1.75)
	02	1730EST			0	0	2	3	Hail (1.75) Hail damaged crops near St. Matthews at 1638EST and six miles southeast of St. Matthews at 1730EST.
York County	02	1800EST			0	0	2	3	TSTM Wind
	02	1800EST			0	0	2	3	Hail (small) A thunderstorm with wind and small hail damaged crops near McConnells and Bethesda.
York County	03	1700EST			0	0	4	2	Hail (1.00)
	03	1700EST			0	0	3	2	TSTM Wind Thunderstorm wind broke several windows, signs, and tree limbs. Large hail damaged many cars in uptown Rock Hill.
SOUTH CAROLINA									
Oconee County	04	1340EST			0	0	3	2	TSTM Wind Thunderstorm wind uprooted several large trees near Fair Play.
Anderson County	04	1350EST			0	0	4	3	Hail (0.75) Hail briefly covered the ground in Anderson.
Greenville County	04	1420EST			0	0	4	0	Hail (1.00)
	04	1420EST			0	0	3	0	TSTM Wind One inch diameter hail fell in the Berea section of Greenville. Several large trees were downed by wind also.
Pickens County	04	1430EST			0	0	3	2	Hail (0.75) Hail was reported 5 miles northeast of Pickens.
Anderson County	04	1447EST			0	0	3	3	Hail (1.75) Hail was reported 5 miles northeast of Anderson.
Pickens County	04	1525EST			0	0	3	3	Hail (1.00) One inch diameter hail was reported 5 miles north of Easley.
Anderson County	04	1530EST			0	0	3	3	Hail (0.75) Hail fell 10 miles east of Anderson.
Abbeville County	04	1530EST			0	0	2	2	Hail (small) Small hail was reported near Abbeville.
Greenwood County	04	1600EST			0	0	2	0	TSTM Wind Winds during a thunderstorm uprooted several trees and destroyed a pier near the north end of Lake Greenwood.
Kershaw County	04	1600EST			0	0	2	2	TSTM Winds A thunderstorm formed 5 miles northeast of Camden and moved southeast into Lee County. Winds blew down several trees and damaged several sheds.
Spartanburg County	04	1630EST			0	0	3	2	TSTM Winds Thunderstorm winds downed several large trees 70 feet tall in the Oak Creek subdivision near Spartanburg.
Lee County	04	1630EST			0	0	3	4	Hail (1.50)
	04	1630EST			0	0	4	3	TSTM Wind A thunderstorm moved southeastward from Kershaw County through the Ashwood and Springhill communities located 10 to 15 miles south of Bishopville. Wind destroyed a cabinet shop, a large shed, a mobile home and a farm shed. Several other buildings were damaged and trees felled.
Spartanburg County	04	1640EST			0	0	4	0	TSTM Wind Trees were downed and two cars turned around 5 miles east of Spartanburg on U.S. Highway 29.
Cherokee County	04	1650EST			0	0	3	0	Hail (0.75) Three-quarter inch diameter hail was reported 5 miles south of Gaffney.
Berkeley County	19	1511EST			0	0	3	2	Hail (0.75) Hail fell in Moncks Corner.
Berkeley County	19	1610EST			0	0	4	3	Hail (1.50) Large hail shredded crops in the Goose Creek vicinity.
Hampton County	20	1700EST			0	0	3	0	Lightning Lightning struck a residence in Hampton. A dog was killed and a patio roof shattered.
Greenville County	28	2000EST			0	0	3	0	TSTM Wind High winds during a thunderstorm broke tree limbs, causing numerous power disruptions. One large tree fell into the Century Oak Apartment, causing heavy damage to the building.
Spartanburg County	29	1620EST			0	0	3	2	Hail (0.75) Hail fell in the Inman vicinity.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	

39 SOUTH DAKOTA

Davison County, 18S Mitchell	10	2015 CST			0	2	0	0	Funnel Cloud
Bennet County, 1W Martin	16	1820 CST			0	0	0	0	Funnel Cloud
Hanson County, Emery	17	1525 CST			0	0	0	0	TSTM Wind (57)
Hutchinson Co., 14N Menno	17	1537CST Short ?			0	0	0	0	Tornado (F0)
Brown County, Barnard	20	1345 CST			0	0	0	0	Funnel Cloud
Moody County, 20NE Sioux Falls	20	1625 CST			0	0	0	0	Hail (1.75)
Eon Homme Co., 12S Avon	20	1830 CST			0	0	0	0	Funnel Cloud
Meade County, 20NW Rapid City	23	1615 CST			0	0	0	0	Hail (.75)
Clay County, Vermillion	25	1545 CST			0	0	0	0	Hail (1.00)
Haakon County, 7W Hayes	26	1735CST Short ?			0	0	0	0	Tornado (F0)
Fall River Co., 45SSW Rapid City	26	1845 CST			0	0	0	0	TSTM Wind (60)
Haakon County, 6W Phillip	26	1855CST Short ?			0	0	0	0	Tornado (F0)
Pennington Co., 20N Quinn	26	1940 CST			0	0	0	0	Funnel Cloud
Gewey County, 1NE Eagie Butte	26	2002 CST			0	0	0	0	Funnel Cloud
Potter County, 6W Gettysburg	27	2030 CST			0	0	4	0	TSTM Wind (60)
									Thunderstorm winds destroyed a grain bin.
Tripp County, 20SW Winner	29	1345 CST			0	0	0	0	Funnel Cloud
Todd County, 14SE Mission	29	1400CST Short ?			0	0	0	0	Tornado (F0)
Jerauld County, Wessington Springs	29	1430 CST			0	0	0	0	Hail (.75)

40 TENNESSEE

Coffee County	01	1555CST			1	1	0	0	Lightning
									One man was killed and another was injured when lightning struck a tree under which they had sought shelter at Woods Reservoir. #380
Paris, Henry County	10	1710CST			0	0	2	0	Lightning
									Lightning struck a meter box at a church in Paris, setting a minor fire.
Henry County	10	1830CST			0	0	2	0	Lightning
									Lightning struck the meter base and fusebox at a house on Old Paris-Murray Road. Damage from the ensuing fire was minor.
Robertson County	20	1500CST			0	0	4	0	Thunderstorm Wind
									Parts of the front and back of the roof of a two-story colonial house were blown off by violent thunderstorm winds, causing an estimated \$15,000 in damage.
Knox County	21	Afternoon			0	0	4	0	Lightning
									Lightning killed 17 head of beef cattle in western Knox County during a thunderstorm which also affected the Knoxville area. Lightning also caused minor damage to a house on Boruff Road. Heavy rains accompanied the thunderstorm and some buildings in Knoxville sustained water damage due to drainage problems. Patchy power outages occurred as lightning struck several transformers.
Athens, McMinn County	21	1525EST			0	0	3	0	Lightning
									Lightning went inside a house on Springfield Drive and caused damage to one room.

TENNESSEE

Grainger County	21	Early Evening			0	0	5	3	Lightning, Hail, & Thunderstorm Wind
									Lightning started a fire which destroyed a house in the Buffalo community. Hail also caused damage to a tomato crop. Violent winds from the thunderstorm downed numerous trees in the Buffalo and Shiloh areas.
Carroll County	22	1415CST			0	0	5	0	Lightning
									Lightning started a fire which gutted parts of a house in the southern part of the county on State Highway 104 east of the Milan Arsenal.
Wilson County	23	Early Evening			0	0	3	0	Lightning
									Lightning struck a radio transmitter on Four-Mile Hill, causing the County Sheriff's Department and the Mt. Juliet Police Department to lose communications. Damage was estimated between \$3,000 and \$5,000.
Centerville, Hickman County	24	1230CST			0	0	3	0	Thunderstorm Wind
									Structural damage occurred and numerous trees and power lines were downed in and around Centerville as a strong thunderstorm raged. A tree fell onto a house near Highway 100.
Davidson County	24	Early Afternoon			0	0	3	0	Lightning and Thunderstorm Wind
									Lightning sparked a fire at a house on McCavock Pike in Donelson. Minor damage occurred there. Strong thunderstorm winds toppled trees in the Donelson, Pennington Bend, and Two Rivers Mansion areas. Power outages resulted.
Chattanooga, Hamilton County	25	1210EST			1	0	0	0	Lightning
									Lightning killed a male golfer in the Hixson area of Chattanooga. The victim was carrying a golf club over his shoulder when lightning struck him. #550
Claxton, Anderson County	27	1650EST			0	0	0	0	Hail (1.00)
									One-inch diameter hail fell at Claxton during a thunderstorm. Power outages as well as a gas line rupture were attributed to lightning.
Chattanooga, Hamilton County	27	1905EST			0	0	4	0	Lightning
									Lightning started a fire at a house in the Hixson area of Chattanooga, causing an estimated loss of \$25,000. Damage occurred to the attic area.
McMinn County	28	1555EST			0	0	4	0	Lightning
									A house on Acme Mill Road was completely destroyed by a fire which was started by lightning.
Hamilton County	29	Afternoon			0	0	3	0	Lightning
									Two houses near Collegedale were struck by lightning, starting a fire at one and causing minor damage.
Bristol, Sullivan County	29	1750EST			0	0	4	0	Lightning
									Lightning struck a chimney on a house on Roscommon Road and started a fire which damaged the attic area; smoke and water damaged the remainder of the dwelling. Shortly afterwards, lightning also struck a machine shop, sparking a fire which caused extensive damage. Lightning also struck a house in Kingsport at about 1600EST, causing only insignificant damage.
Murfreesboro, Rutherford County	29	Evening			0	1	0	0	Lightning
									A 34-year-old man riding a horse was struck by lightning and rendered unconscious. The man was hospitalized, but only sustained flu-like aches in his abdomen and legs. The fall from the horse, which was killed, loosened the man's teeth and his face was cut.
Montgomery County	30	1215CST			0	0	3	0	Hail (1.75) and Thunderstorm Wind (48)
									Violent thunderstorm winds downed numerous trees and power lines in northwestern Montgomery County, causing power outages and temporarily blocking roads. A wind gust reached 55 mph at the St. Bethlehem substation of an electric cooperative. As many as 4,200 customers lost electrical power. Golf ball size hail fell at Woodlawn.
Cumberland County	30	1600CST			0	0	4	0	Lightning
									Twenty-three cows were killed by lightning at a dairy farm on Taylors Chapel Road, and six more were killed on a farm on U.S. 127 North. Damage was approximately \$15,000. In the first instance, the animals were huddled under a large tree.
Obion County	31	Afternoon			0	0	3	0	Lightning
									Lightning killed 8 cows on a farm in the Ebenezer community off of Mill Creek Road. Damage was under \$5,000.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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, Northern										
Eastland County, Rising Star	1	1337CST			0	0	?	?	Hail (1.00)	Hail to quarter size fell at Rising Star.
Comanche County, Sipe Springs	1	1415CST			0	0	?	?	Hail (0.88)	Hail to nickel size fell at Sipe Springs.
McCulloch County: 8N Brady	1	1717CST			0	0	?	?	Hail (1.75)	Hail to golf ball size fell 8 miles north of Brady at 1717CST and 10 miles south of Brady at 1905CST.
10S Brady	1	1905CST			0	0	?	?	Hail (1.75)	
Erath County: 5SW Stephenville	1	1833CST			0	0	?	?	Hail (1.75)	Hail to golf ball size fell 5 miles southwest of Stephenville at 1833CST. Hail to baseball size fell at Dublin at 1855CST.
Dublin	1	1855CST			0	0	?	?	Hail (2.75)	
Eastland County, Ranger	3	0215CST			0	0	?	?	Hail (1.75)	Hail to golf ball size fell at Ranger.
Brown County: May	3	0225CST			0	0	?	?	Hail (1.00)	Hail to quarter size fell at May at 0225CST and hail to golf ball size at 0310CST.
May	3	0310CST			0	0	?	?	Hail (1.75)	
Palo Pinto County, Strawn	3	0235CST			0	0	?	?	Hail (0.75)	Hail to dime size fell at Strawn.
Parker County, Poolville	3	0255CST			0	0	?	?	Hail (1.00)	Hail to one inch diameter fell at Poolville.
Comanche County: Beattie	3	0300CST			0	0	?	?	Hail (0.75)	Hail to 3/4 inch diameter fell at Beattie at 0300CST. Hail to 3/4 inch diameter fell at Comanche at 0345CST.
Comanche	3	0345CST			0	0	?	?	Hail (0.75)	
Wise County: Boyd	3	0340CST			0	0	?	?	Hail (0.75)	Hail to 3/4 inch diameter fell at Boyd and Aurora.
Aurora	3	0340CST			0	0	?	?	Hail (0.75)	
Tarrant County, Arlington	3	0437CST			0	0	?	?	Hail (0.75)	Hail to 3/4 inch diameter fell at Arlington.
Hamilton County, Hico	3	0455CST			0	0	?	?	Hail (0.75)	Hail to 3/4 inch diameter fell at Hico.
Bosque County, Iredell	3	0509CST			0	0	?	?	Hail (0.75)	Hail to dime size fell at Iredell.
McLennan County: Crawford	3	0530CST			0	0	?	?	Hail (0.75) and TSTM Wind	Hail to dime size fell and strong winds downed several trees at Crawford at 0530CST. Winds to 53 knots were recorded at Waco Madison-Cooper Airport at 0557CST. Hail to one inch diameter fell at China Spring at 0617CST.
Waco Madison-Cooper Airport	3	0557CST			0	0	?	?	TSTM Wind (53)	
China Spring	3	0617CST			0	0	?	?	Hail (1.00)	
Johnson County, Burleson	3	0530CST			0	0	?	?	Hail (1.00)	Hail to quarter size fell at Burleson.
Van Zandt County, 2N Edgewood	3	0700CST			0	0	?	?	TSTM Wind	Strong winds damaged a house 2 miles north of Edgewood.
Concho County, Eden	3	1435CST			0	0	?	?	Hail (1.00)	Hail to one inch diameter fell at Eden.
McLennan County, Axtell	3	1740CST			0	0	?	?	Hail (1.75)	Hail to golf ball size fell at Axtell.
Cooke County, Marysville	3	1825CST			0	0	?	?	Hail (3.00)	Hail to 3 inches in diameter fell at Marysville.
— TEXAS, Northern										
Parker County: Lake Weatherford	3	1920CST			0	0	?	?	Hail (0.75)	Hail to 3/4 inch diameter fell at Lake Weatherford at 1920CST. Hail to one inch diameter fell 3 miles south of Aledo at 2015CST.
3S Aledo	3	2015CST			0	0	?	?	Hail (1.00)	
Dallas County: Dallas	3	1922CST			0	0	?	?	Hail (1.00)	Hail to quarter size fell at Dallas at 1922 CST and at Balch Springs at 1940CST. Hail to quarter size and winds to 52 knots occurred in east Dallas at 1950CST.
Balch Springs	3	1940CST			0	0	?	?	Hail (1.00)	
Dallas	3	1950CST			0	0	?	?	Hail (1.00) and TSTM Wind (52)	
Wise County, Newark	3	1935CST			0	0	?	?	TSTM Wind (52)	Winds to 52 knots were measured at Newark.
Tarrant County: Saginaw	3	1935CST			0	0	?	?	TSTM Wind (52)	Winds to 52 knots occurred at Saginaw at 1935CST. Strong winds downed power lines at Azle at 1940CST. Hail to one inch diameter fell at Saginaw and 3 miles north of Saginaw at 1950CST. Quarter size hail fell 4 miles northwest of Benbrook at 2025CST. Strong winds ripped the roof off a car wash and downed signs along Highway 377 in Benbrook at 2030CST. Hail to one inch diameter fell in southwest Fort Worth at 2107CST. Hail to 3/4 inch diameter fell at Handley at 2110CST. Hail to one inch diameter fell at Arlington at 2135 CST.
Azle	3	1940CST			0	0	?	?	TSTM Wind	
Saginaw	3	1950CST			0	0	?	?	Hail (1.00)	
3N Saginaw	3	1950CST			0	0	?	?	Hail (1.00)	
4NW Benbrook	3	2025CST			0	0	?	?	Hail (1.00)	
Benbrook	3	2030CST			0	0	?	?	TSTM Wind	
Fort Worth	3	2107CST			0	0	?	?	Hail (1.00)	
Handley	3	2110CST			0	0	?	?	Hail (0.75)	
Arlington	3	2135CST			0	0	?	?	Hail (1.00)	
Collin County: Plano	3	1940CST			0	0	?	?	Hail (1.00)	
Plano	3	1947CST			0	0	?	?	TSTM Wind (51)	
Prosper	3	2103CST			0	0	?	?	Hail (0.75)	
Ellis County, Bistol	3	1945CST			0	0	?	?	TSTM Wind	Strong winds snapped off several 12 inch diameter trees in Bistol.
Falls County: Chilton	3	2003CST			0	0	?	?	Hail (1.75)	Hail to golf ball size fell at Chilton at 2003CST. Hail to golf ball size fell at Riesel at 2240CST.
Riesel	3	2240CST			0	0	?	?	Hail (1.75)	
Hood County, Cresson	3	2010CST			0	0	?	?	Hail (1.00)	Hail to one inch diameter fell at Cresson.
Denton County: Roanoke	3	2010CST			0	0	?	?	Hail (0.75) and TSTM Wind	Hail to 3/4 inch diameter fell and strong winds downed power lines at Roanoke at 2010CST. Hail to 3/4 inch diameter fell and strong winds downed power lines at Aubrey at 2045CST.
Aubrey	3	2045CST			0	0	?	?	Hail (0.75) and TSTM Wind	
Northern Freestone and Southern Navarro Counties: 2S Streetman	3	2107CST			0	0	?	?	TSTM Wind (52)	Winds to 52 knots occurred 2 miles south of Streetman and 2 miles north of Streetman.
2N Streetman	3	2107CST			0	0	?	?	TSTM Wind (52)	
Limestone County: Mexia	3	2320CST			0	0	?	?	Hail (1.00)	Hail to one inch diameter fell at Mexia at 2320CST and 2340CST.
Mexia	3	2340CST			0	0	?	?	Hail (1.00)	
Dallas County, Dallas	12	1410CST			0	0	5	?	TSTM Wind	Strong winds damaged the roof of an apartment complex in Dallas.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

TEXAS, Northern											
Knox County, Knox City	13	1850CST			0	0	?	?	Hail (1.75)		
Hail to golf ball size fell at Knox City.											
Eastland County, Rising Star	13	2350CST			0	0	?	?	Hail (1.75)		
Hail to golf ball size fell at Rising Star.											
Collin County: Frisco	14	1510CST			0	0	?	?	Hail (0.75)		
Collin County: Plano	14	1629CST			0	0	?	?	Hail (0.88) and TSTM Wind (55)		
Hail to dime size fell at Frisco at 1510CST. Hail to nickel size fell and winds gusted to 55 knots at Plano at 1629CST.											
Denton County: Lewisville	14	1535CST			0	0	?	?	TSTM Wind		
Denton County: Lewisville	14	1550CST			0	0	?	?	Flash Flooding		
Strong winds downed several signs and overturned a rack of pickup camper shells in Lewisville at 1535CST. Up to 4 inches of rain by 1550CST flooded streets and highways.											
Van Zandt County, Myrtle Springs	14	1630CST			0	0	2	?	Hail (0.75) and TSTM Wind		
Dime size hail fell and strong winds overturned a storage shed at Myrtle Springs.											
Dallas County: Richardson	14	1634CST			0	0	?	?	TSTM Wind (52)		
Dallas County: Richardson	14	1635CST			0	0	?	?	Hail (0.75)		
Dallas County: Dallas	14	1705CST			0	0	?	?	Hail (1.00)		
Winds gusted to 52 knots at 1634CST and hail to dime size fell at Richardson at 1635CST. Several roofs, fences and storage buildings were damaged by the winds. Hail to quarter size fell near White Rock Lake in Dallas at 1705CST.											
Tarrant County, Arlington	14	1720CST			0	0	?	?	Hail (1.00) and TSTM Wind (52)		
Winds gusted to 52 knots and hail to quarter size fell in Arlington.											
Tarrant County, Fort Worth	15	0430CST			0	0	?	?	Flash Flooding		
Heavy rains of up to 4 inches flooded many streets, highways and low areas in southern and eastern parts of Fort Worth.											
Eastland County, Eastland	15	0510CST			0	0	?	?	Flash Flooding		
Heavy rains of up to 4 1/2 inches flooded many streets in Eastland. Several houses were evacuated along the North Fork of the Leon River near Eastland.											
Leon County, Marquez	15	1210CST			0	0	?	?	Hail (0.88)		
Hail to nickel size fell at Marquez.											
Titus County, 7NE Mount Pleasant	16	1715CST			0	0	?	?	TSTM Wind		
Strong winds damaged a mobile home 7 miles northeast of Mount Pleasant.											
Grayson County, Sherman	16	1730CST			0	0	?	?	TSTM Winds		
Strong winds broke large limbs off trees in Sherman.											
San Saba County, San Saba	19	1220CST	1.0	20	0	0	4	?	Tornado (F0)		
A tornado traveled for about a mile along the eastern city limits of San Saba, damaging a church and downing trees and utility poles.											
Erath County, Highland	19	1230CST			0	0	4	?	TSTM Wind		
Strong winds destroyed several barns and damaged the roofs of several houses in Highland.											
Comanche County, Comyn	19	1245CST			0	0	4	0	TSTM Wind		
Strong winds unroofed a house at Comyn.											
Eastland County, Eastland	19	1315CST			0	0	?	?	TSTM Wind		
Strong winds downed a large highway sign on Interstate 20 in Eastland and also overturned several gas pumps at a service station.											
McLennan County: Hewitt	19	1325CST			0	0	?	?	TSTM Wind		
McLennan County: 3SW Hewitt	19	1344CST			0	0	?	?	TSTM Wind		
McLennan County: 2W Hewitt	19	1525CST			0	0	?	?	Hail (0.75)		
Strong winds downed power lines at Hewitt at 1325CST. Strong winds destroyed a shed 3 miles southwest of Hewitt at 1344CST. Hail to dime size fell 2 miles west of Hewitt at 1525CST.											

TEXAS, Northern											
Limestone County, Groesbeck	19	1710CST			0	0	?	?	Hail (0.75)		
Hail to dime size fell at Groesbeck.											
Dallas County: Dallas	19	1813CST			0	0	?	?	Hail (1.00)		
Dallas County: 9SW Dallas	19	1815CST			0	0	?	?	Hail (1.75)		
Dallas County: 9S Dallas	19	1833CST			0	0	?	?	Hail (0.88)		
Dallas County: Garland	19	1905CST			0	0	?	?	TSTM Wind (52)		
Hail to quarter size fell just southwest of downtown Dallas at 1813CST. Hail to golf ball size fell 9 miles southwest of downtown Dallas at 1815CST. Hail to nickel size fell 9 miles south of downtown Dallas at 1833CST. Winds to 52 knots downed trees in Garland at 1905CST.											
Ellis County, Waxahachie	19	1825CST			0	0	?	?	TSTM Wind (52)		
Winds to 52 knots occurred at Waxahachie.											
Coleman County, 4S Whon	19	1833CST			0	0	?	?	Tornado (F0)		
A brief tornado damaged a house, uprooted trees and downed several power poles on a ranch 4 miles south of Whon.											
Collin County, Plano	19	1908CST			0	0	?	?	TSTM Wind		
Strong winds downed several trees in Plano.											
Fannin County, Bonham	19	2020CST			0	0	3	?	TSTM Wind		
Strong winds destroyed a storage building in Bonham.											
Kaufman County: Scurry	19	2025CST			0	0	3	?	TSTM Wind		
Kaufman County: Forney	19	2030CST			0	0	4	?	TSTM Wind		
Strong winds damaged several farm buildings at Scurry at 2025CST. A barn was destroyed by winds at Forney at 2030CST.											
Panola County: 5N Paxton	20	1640CST			0	0	?	?	Hail (1.00)		
Panola County: 18SE Carthage	20	1648CST			0	0	?	?	TSTM Wind		
Hail to one inch diameter fell 5 miles north of Paxton at 1640CST. Strong winds downed several trees 18 miles southeast of Carthage at 1648CST.											
Haskell County, Rule	22	1510CST			0	0	?	?	Hail (1.75)		
Hail to golf ball size fell at Rule.											
Archer County, Megargel	22	1545CST			0	0	?	?	Hail (1.75)		
Hail to golf ball size fell at Megargel.											
Camp County, Pittsburg	22	1855CST			0	0	?	?	TSTM Wind		
Strong winds uprooted several trees and downed power lines at Pittsburg.											
Upshur County, Gilmer	22	1940CST			0	0	?	?	TSTM Wind		
Strong winds uprooted several trees at Gilmer.											
Taylor County, Abilene	22	1958CST			0	0	?	?	TSTM Wind (52)		
Winds gusted to 52 knots at the Abilene Municipal Airport.											
Jones County, BN Abilene	22	2045CST			0	0	?	?	TSTM Wind		
Strong winds uprooted trees and pushed over TV antennas 8 miles north of Abilene.											
Henderson County, Eustace	23	1910CST			0	0	?	?	Hail (0.75) and TSTM Wind		
Dime size hail fell and strong winds broke off tree limbs in Eustace.											
Johnson County, 8SW Cleburne	23	1920CST			0	0	?	?	Hail (1.00)		
Hail to one inch diameter fell 8 miles southwest of Cleburne.											
Comanche County: DeLeon	24	0200CST			0	0	?	?	Flash Flooding		
Comanche County: Comanche	24	0400CST			0	0	?	?	Flash Flooding		
Up to 4 inches of rain in DeLeon flooded several businesses and the hospital by 0200CST. Up to 3 inches of rain in Comanche flooded the county courthouse by 0400CST.											
Hardeman County, 3N Quannah	25	0115CST			0	0	0	0	Tornado (F0)		
A tornado touched down briefly in open country 3 miles north of Quannah.											
Harrison County, 7SW Karnack	25	1700CST			0	0	?	?	Hail (1.00)		
Hail to one inch diameter fell 7 miles southwest of Karnack.											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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										
Marion County, 3NE Jefferson	25	1735CST			0	0	?	?	Hail (0.88)	Hail to nickel size fell 3 miles northeast of Jefferson.
Bowie County, 7NW Dekalb	25	1835CST			0	0	?	?	Hail (0.88)	Hail to nickel size fell 7 miles northwest of Dekalb.
Cherokee County, Jacksonville	26	1400CST			0	0	?	?	TSTM Wind	Strong winds damaged the roofs of several houses and uprooted several trees in Jacksonville.
Hamilton County: Evant	27	1730CST			0	0	?	?	Hail (0.75)	Hail to dime size fell at Evant at 1730CST. A tornado touched down briefly one mile north of Evant, but did not cause any damage. A tornado touched down 5 miles east of Hamilton (near Aleman), damaging several barns at 1905CST.
IN Evant	27	1740CST	Short Narrow		0	0	0	0	Tornado (FO)	
SE Hamilton	27	1905CST	Short Narrow		0	0	4	0	Tornado (FO)	
Young County, 6SW Olney	28	1230CST			0	0	3	?	TSTM Wind	Strong winds overturned and damaged several cotton trailers 6 miles southwest of Olney.
Shackelford County, 4NE Hamby	28	1422CST	Short Narrow		0	0	0	0	Tornado (FO)	A tornado touched down briefly in open country 4 miles northeast of Hamby.
Taylor County: Abilene	28	1428CST			0	0	?	?	Hail (0.75)	Hail to dime size fell in Abilene at 1428CST. Hail to golf ball size fell 8 miles southwest of Abilene at 1525CST.
8SW Abilene	28	1525CST			0	0	?	?	Hail (1.75)	
Palo Pinto County: 4W Graford	28	1440CST	Short Narrow		0	0	0	0	Tornado (FO)	A tornado touched down briefly in open country 4 miles west of Graford at 1440CST. A tornado touched down briefly 4 miles south of Mineral Wells at 1520CST, uprooting several trees.
4S Mineral Wells	28	1520CST	Short Narrow		0	0	0	0	Tornado (F1)	
Callahan County, 2E Cottonwood	28	1452CST	Short Narrow		0	0	0	0	Tornado (FO)	A tornado touched down briefly in open country 2 miles east of Cottonwood.
Parker County, 1N Weatherford	28	1556CST			0	0	0	0	Funnel Cloud	A funnel was observed one mile north of Weatherford.
Wichita County, Burkburnett and Wichita Falls	28	1230CST-1700CST			0	0	?	?	Flash Flooding	Heavy rains of up to 4 inches flooded many streets in Burkburnett and Wichita Falls. Flooding along McGrath Creek damaged two apartment complexes in Wichita Falls.
Wise County, Newark	28	1620CST			0	0	?	?	TSTM Wind (64)	Winds to 64 knots were measured near Newark on the north end of Eagle Mountain Lake.
Eastland County, Eastland	28	1640CST			0	0	?	?	Flash Flooding	Heavy rains flooded streets and low water crossings in Eastland.
Denton County: Denton	28	1650CST			0	0	5	?	TSTM Wind (65)	Winds gusted to 65 knots at Denton at 1650CST and uprooted several trees, overturned several mobile homes, toppled billboards, downed power lines and destroyed several outbuildings. Heavy rains of up to 4 inches by 1725CST flooded and closed some roads in Denton. Strong winds at 1750CST blew a 3/4 ton truck across a roadway in Denton.
Denton	28	1725CST			0	0	?	?	Flash Flooding	
Denton	28	1750CST			0	0	?	?	TSTM Wind	
Jones County, 7N Abilene	28	1705CST	short narrow		0	0	0	0	Tornado (FO)	A tornado touched down briefly in open country 7 miles north of Abilene.
TEXAS, Northern										
Tarrant County: Bedford	28	1715CST			0	0	4	?	TSTM Wind	Strong winds unroofed a portion of an elementary school in Bedford at 1715CST. Strong winds tore shingles from the roof of a building at DFW Airport at 1720CST. Strong winds downed power lines in Euless at 1819CST. Heavy rains of up to 4 inches by 1840CST flooded roads and some houses in Euless, Forth Worth and Arlington.
DFW Airport	28	1720CST			0	0	3	?	TSTM Wind	
Euless	28	1819CST			0	0	?	?	TSTM Wind	
Euless, Fort Worth and Arlington	28	1840CST			0	0	?	?	Flash Flooding	
Collin County: Allen	28	1752CST			0	0	?	?	TSTM Wind (61)	Winds gusted to 61 knots and uprooted trees in Allen at 1752CST. A barn was unroofed by strong winds at Lake Lavon at 1810CST.
Lavon Reservoir	28	1810CST			0	0	?	?	TSTM Wind	
Dallas County: 4E Garland	28	1810CST			0	0	?	?	TSTM Wind	Strong winds uprooted several trees 4 miles east of Garland at 1810CST. Heavy rains during the evening flooded many streets and freeways in Dallas by 1900CST and possibly contributed to the collapse of the roof of a building in Grand Prairie.
Dallas and Grand Prairie	28	1900CST			0	0	?	?	Flash Flooding	
Comanche County, Proctor Lake	28	1814CST			0	0	4	?	TSTM Wind	Strong winds unroofed a boat house, destroyed a garage and knocked down power lines at Proctor Lake.
Kaufman County, Forney	28	1855CST			0	0	3	?	TSTM Wind (52)	Strong winds to 52 knots damaged the roof of a building and blew out the window of a restaurant in Forney.
Hamilton County, Hamilton	28	1923CST			0	0	?	?	Flash Flooding	Heavy rains flooded low water crossings in Hamilton.
Van Zandt County: Grand Saline	28	2014CST			0	0	?	?	TSTM Wind (61)	Winds gusted to 61 knots in Grand Saline and Wills Point, downing several power lines in each town.
Wills Point	28	2030CST			0	0	?	?	TSTM Wind (61)	
Fannin County, Bonham	28	2015CST			0	0	?	?	TSTM Wind	Strong winds downed a tree into a primary power line in Bonham.
Hopkins County, Sulphur Springs	28	2032 CST			0	0	4	?	TSTM Wind	Strong winds uprooted trees and damaged a mobile home in Sulphur Springs.
Rains County, Point	28	2038CST			0	0	?	?	TSTM Wind	Strong winds uprooted a large tree and damaged an automobile repair garage in Point.
Erath County, Stephenville	29	0300CST			0	0	?	?	Flash Flooding	Heavy rains of up to 3 inches flooded roads in and around Stephenville.
McLennan County, 10W Waco	30	1735CST			0	0	?	?	Hail (1.00)	Hail to one inch diameter fell 10 miles west of Waco.
Palo Pinto County, 6N Mineral Wells	30	1855 CST			0	0	?	?	Hail (0.75)	Hail to dime size fell 6 miles north of Mineral Wells.
Hopkins County, Como	31	1600CST			0	0	3	?	TSTM Wind	Strong winds damaged a barn in Como.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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									
Kerr County	03	1210CST			0	0	5	5	Hail (4.50)
									Hail fell in scattered parts of the county. Hail larger than baseballs fell near Center Point. The hail damaged cars, roofs of homes and crops. Golfball size hail fell in and around Kerrville.
Travis County	03	2112CST			0	0	?	0	Hail (1.00)
									One inch hail fell at the MWS office at the Austin airport. Damage was not reported.
Travis County	03	2138CST			0	0	?	?	Hail (1.25)
	03	2138CST			0	0	3	0	Wind (?)
									One and a quarter inch hail fell at Pflugerville and Hutto. High winds from a thunderstorm damaged at least 3 porches of residences in the area.
Caldwell County	03	2244CST	1	50	0	0	0	4	Tornado (F1)
	03	2244CST	1	50	0	0	0	4	Tornado (F1)
									Texas Dept. of Public Safety reported 2 tornadoes on the ground northeast of Luling in open country. Many trees were knocked down. The WSO in Austin confirmed that radar showed indications of tornadoes in the area. The first touch down was 6 miles northeast of Luling and the second one touched down 9 miles northeast of Luling.
Gonzales County	03	2345CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell at Harwood. Damage was not reported.
Caldwell County	04	Early AM			0	0	5	5	Hail (3.00)
									Large hail near baseball size fell at Prairie Lea near Luling. Cars were damaged and windows shattered. Pecan orchards in the area were pelted and suffered damage.
Harris County	04	0930CST			0	0	0	0	Hail (1.75)
									Golfball size hail was reported at Clay Road and Texas Hwy. 6 in western Harris County. Damage was not reported.
Duval County	05	1400-1500CST			0	0	0	0	Hail (0.75)
									Three-quarter inch hail fell at Realitos and 10 miles northwest of San Diego. Damage was not reported.
Brazoria County	05	1500CST			0	0	0	0	Hail (0.75)
	05	1500CST			0	0	4	?	Wind (52)
									Three-quarter inch hail fell over the northern part of the county. No damage was reported. Winds estimated at near 60 MPH near Manvel knocked down trees and blew portions of a roof off of a home.
Robertson County	05	1530CST			0	0	?	?	Hail (large)
									Large hail of unknown exact size did damage to residences, outbuildings, and crops near Hearne. Hail could still be seen in the ditches the next day.
Jim Wells County	05	1545CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell 2 miles northwest of Alice. Damage was not reported.
Webb County	05	1825CST			0	0	0	0	Flash Flooding
									2 to 3 inches of rain fell in Laredo in a short period of time. The sudden downpour flooded streets and many motorists were stranded.
Harris County	08	1353CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell 8 miles southwest of Hooks Airport in the western part of Harris County. Damage was not reported.
Maverick County	10	2242CST			0	0	0	0	Flash Flooding
									3 to 4 inches of rain fell in Eagle Pass which flooded streets and many low water crossings. Flooding was also reported in the southern part of the county due to very heavy rains.
Webb County	11	1850CST			0	0	0	0	Flash Flooding
									Over 2 inches of rain fell in Laredo and low areas and streets were flooded. This was reported by the Laredo Fire Dept.
Zavala County	13	1850CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell 10 miles north of Crystal City. Damage was not reported.
Bexar County	13	2005CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell in the northwest part of the county. Damage was not reported.
— TEXAS, Southern									
Uvalde County	13	2040CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell in the northwest part of the county. Damage was not reported.
Bandera County	13	2115CST			0	0	0	5	Hail (1.00)
	13	2115CST			0	0	4	?	Wind (?)
									Spotty one inch hail fell in and around Bandera. The hail damaged oat crops. High winds from a thunderstorm uprooted trees and damaged a barn and an aircraft hangar just south of Bandera.
Orange County	15	1630CST			0	0	0	0	Hail (1:00)
									One inch hail fell at Vidor. Damage was not reported.
Jefferson County	15	1840CST			0	0	4	0	Wind (?)
									High winds from a thunderstorm damaged a home in Nederland.
Brazoria County	15	1955CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell in Pearland. Damage was not reported.
Comal County	16	1100CST			0	0	0	0	Hail (0.75)
	16	1100CST			0	0	0	0	Wind (?)
									Hail, three-quarter inch in diameter, fell on the northwest part of the county. High winds from a thunderstorm toppled utility poles on the south side of Canyon Lake.
Guadalupe County	16	1250CST			0	0	0	0	Flash Flooding
									3 or more inches of rain fell in the northern part of the county and caused flash flooding. Many low water crossings were closed because of the high water. Many roads were barricaded.
Harris County	16	1408CST			0	0	0	0	Hail (1.75)
									Golfball size hail fell west of Bellaire on the west side of Houston. Damage was not reported.
Fort Bend County	16	1445CST			0	0	?	0	Tstrn. Wind (?)
									High winds from a thunderstorm blew over signs in Arcola.
Victoria County	16	1525CST			0	0	0	0	Wind (52)
									Thunderstorm winds gusted to an estimated 60 MPH 8 miles east of Victoria.
Galveston County	16	1530CST			0	0	0	0	Hail (0.75)
									Thunderstorms produced three-quarter inch hail at Frierswood. Damage was not reported.
Brazoria County	16	1545CST			0	0	0	0	Hail (0.75)
									Three-quarter inch hail fell south of Alvin. Damage was not reported.
Kendall County	19	1030CST			0	0	0	0	Flash Flooding
									Three inches of rain fell in and around Comfort in a short period of time which produced flash flooding of low water crossings and streets. One bridge that crosses Cypress Creek in Comfort was under water.
Bexar County	19	1644CST			0	0	0	0	Hail (1.75)
	19	1644CST			0	0	5	0	Wind (?)
									Hail the size of golfballs fell in the southern part of the county near the Atascosa County line. Damage was not reported. High winds from a thunderstorm downed power lines and poles on the southeast side of the city of San Antonio. At Adkins, in the eastern part of the county, high winds blew the roof off of a residence. Other reports included uprooted trees in the area.
Travis County	19	1723CST			0	0	0	0	Hail (1.00)
									Bergstrom AFB, in the southeast part of the county, reported one inch diameter hail. Damage was not reported.
Wilson County	19	Evening			0	0	5	6	Flooding
	19	1730CST			0	0	?	?	Hail (1.75)
	19	1730CST			0	0	0	?	Wind (?)
									Very heavy rains fell over the northern part of the county. 5 miles northwest of Laverna there was a report of 13 inches of rain. The resulting flood waters from Coleta Creek flooded homes and forced the evacuation of about 10 persons. Flood waters washed out gravel roads, knocked down fences, eroded fields and destroyed crops. Golfball size hail also fell which, along with the flooding, destroyed about 80 percent of the crops in the area. High winds from thunderstorms toppled trees in the area.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

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

TEXAS, Southern

Guadalupe County	19	1800-Evening			0	0	?	?	Flooding
7 to 8 inches of rain fell over portions of the county. Many areas were flooded. 30 to 40 families were evacuated in the northern part of Seguin along Walnut Creek where high water threatened a subdivision. Low areas around Geronimo Creek also flooded. Several streets were flooded and barricaded. Rainfall reports in the area included: downtown Seguin 6.20 inches, Marion 7.20, Geronimo 6.20, Olmos 7.20 and Kingsbury 5.30.									
Zapata County	19	1830CST			0	0	4	0	Wind (?)
High winds from a thunderstorm uprooted trees and did roof damage at Ramireno, just north of Zapata.									
Guadalupe County	19	1900CST			0	0	4	0	Wind (?)
High winds from a thunderstorm toppled trees 7 miles south of Seguin.									
Bexar County	19	1900CST			0	0	0	0	Hail (1.75)
Golfball size hail fell over the southeast side of the city of San Antonio.									
Bexar County	19	2000CST			0	0	5	0	Flash Flooding
4 to 5 inches of rain fell over the east and southeast part of the county including portions of the city of San Antonio. Several low water crossings were flooded and a few motorists were stranded, some of which had to be rescued from the high water. Several streets in downtown San Antonio were flooded where 4 inches of rain fell in a very short period of time. Several homes in the eastern part of the county near Sayer were flooded, and the occupants evacuated. At least 60 streets and roads in the area had to be barricaded.									
Frio County	20	1730CST			0	0	5	6	Hail (4.00)
Hail the size of baseballs and larger fell over the southwestern part of the county including the Dilley area. The hail began about 16 miles west of Dilley and moved east. There was a hail path close to Dilley about 2 miles wide and 10 miles long. The hail broke out windows and killed small game like rabbits, quail and doves. There was major damage to crops in the area, mainly watermelons.									
Bexar County	20	1747CST			0	0	0	0	Hail (1.75)
Golfball size hail was reported in the southeast part of the county at Calaveras Lake and along US Hwy. 181 near the Wilson County line.									
Comal County	20	1903CST			0	0	0	0	Hail (?)
Large hail fell south of Canyon Lake. Damage or size was not given.									
Comal County	20	1930CST			0	1	?	?	Hail (1.75)
Comal County	20	1930CST			0	0	5	0	Wind (70)
Hail the size of golfballs fell on the south side of Canyon Lake. One man in an effort to protect his boat was hit in the mouth by a hailstone and it cut his lip. Another hail stone put a lump on his head. Thunderstorm winds did considerable damage to Cranes Mill Marina on the south side of Canyon Lake. Two boats were sunk and the wind damaged docks at the marina. MMS personnel viewed the damage and estimated the wind to be in the range of 70 to 80 MPH.									
Hays County	20	2000CST			0	0	0	0	Hail (2.00)
1 to 2 inch hailstones fell 1 mile north of Dripping Springs. Damage was not reported.									
Val Verde County	20	2101CST			0	0	0	0	Wind (60)
On Lake Amistad, the San Pedro Ranger Station reported a wind gust of near 73 MPH. This was apparently a downburst from a thunderstorm. No damage was reported.									
Uvalde County	20	2358CST			0	0	0	5	Hail (1.75)
Golfball size hail fell in and around the town of Uvalde. The hail ruined many acres of crops.									
Burleson County	24	1800CST			0	0	0	0	Hail (1.75)
Burleson County	24	1800CST			0	0	4	0	Wind (?)
Golfball size hail fell about 10 miles southwest of Caldwell near Deanville. Damage was not reported. High winds from a thunderstorm estimated between 60 and 70 MPH leveled trees and blew the roof off of a barn near the intersection of Hys. 21 and 696.									

TEXAS, Southern

Travis and Williamson Counties	29	0215CST			0	0	6	0	Flash Flooding
Up to 6 inches of rain fell over a short period of time over portions of west Austin and northward into Williamson County. Many low water crossings and roadways were flooded and motorists stranded in high water. Shoal Creek on the west side of Austin rose well out of its banks and flooded some homes and businesses, especially along Lamar Blvd. One north Austin commercial building roof collapsed from the weight of the rainwater. Near Taylor, in Williamson County, 3 persons were rescued in high water after their automobile was washed off a inundated bridge.									
Hill Country of South-Central Texas	29	0230CST			0	0	8	8	Flash Flooding and Flooding
Flooding from very heavy rains covered a wide area of the Texas Hill Country including the counties of Bandera, Blanco, Edwards, Gillespie, Guadalupe, Hays, Kendall, Kerr, Medina, Real and Uvalde. Much of the area received from 5 to 11 inches of rain which produced a runoff in the streams and rivers that was of record proportions. Heaviest rainfall report was near 11 inches in Medina County near the town of Medina. 8 inches was common from Bandera County westward into Uvalde County near Garner State Park. These heavy rains sent the Medina, Hondo, Seco, Sabinal, and Frio rivers on a rampage. The most serious flooding occurred along the Medina River from Bandera County southward to Medina Lake. The flood waters from the Medina River pushed the Medina Lake to an all time high level when the water was rushing 6 feet over the spillway at the Medina Dam. Near 100 persons were evacuated along the river from Medina downstream to the Lake. 30 persons were evacuated in Bandera. Helicopters rescued about 14 persons marooned in high water. Many river and lakeside cottages were flooded. 27 homes in the area suffered major damage and 18 more reported minor damage. 11 mobile homes in the area were flooded and destroyed. In western Medina County, the Seco Creek got well out of its banks and flooded parts of the town of D'Hanis where 20 persons were forced from their homes. Some homes in D'Hanis had 5 feet of water in them. In other mentioned counties, numerous roads and highways were closed due to flooding. Many motorists were stranded in high water and had to be rescued. This was a historical event from the viewpoint that the flooding was so widespread. The volume of runoff water and what was to follow the next ten days filled up Choke Canyon Lake for the first time and pushed Canyon Lake and Medina Lake to all-time high levels.									
Bexar County	29-	0630CST			0	0	6	6	Flash Flooding and Flooding
Heavy rains swept through the county and the city of San Antonio. The resulting flood waters closed roads and low water crossings, and stranded many motorists and persons in high water. The San Antonio Fire Dept. reported more than 30 high-water rescues. 20 other rescues were reported in the county. At least 50 barricades were put up by officials at flooded roads and bridges. The most dramatic rescue in the area involved a man and his young son. The two were swept off a roadway in a swift current in the northeast part of the city. The boy was handed to rescuers as their pickup was carried off by the high water. The father made it to safety after being carried by the current downstream aways. Live Oak in the northeast part of the county, reported cars washed off of low water crossings and motorists stranded. In the southwest part of the county along the Medina River, runoff from the heavy rains in the upper part of the watershed that fell on the 29th caused serious flooding in the Von Ormy and Somerset areas through the 31st. The river rose into homes and businesses in the area. 2 men were rescued along the flooded river.									
Liberty County	29	1230CST			0	0	5	0	Wind (?)
High winds from a thunderstorm downed power and telephone lines near Hardin. Trees were also uprooted.									
Kerr County	29	1247CST			0	0	0	0	Hail (0.75)
Three-quarter inch diameter hail fell in the northern part of the county. Damage was not reported.									
Calhoun County	30	1100CST			0	0	5	0	Wind (52)
High winds from a thunderstorm estimated at near 60 MPH swept across Matagorda Bay and capsized a tug boat and one pleasure craft. 7 persons were rescued by the US Coast Guard and nearby private vessels.									
Live Oak County	30	1348CST			0	0	?	?	Flash Flooding
Live Oak County	30	1348CST			0	0	?	?	Hail (1.75)
Live Oak County	30	1348CST			0	0	0	0	Wind (?)
5 inches of rain fell in a very short period of time in and around Sweeney Switch and Dinero. Flooding of roadways resulted and even closed I-37 for a short period of time due to high water and accidents that occurred. The size of golfballs fell, but no damage was reported. The high winds from the thunderstorms uprooted trees.									
Bexar County	30	1448CST			0	0	0	0	Hail (1.75)
Golfball size hail was reported in Live Oak in the northeast part of the county. Damage was not reported.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

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

TEXAS, Southern

Milam County	30	1500CST	0	0	0	0	0	0	0	Flooding
Heavy rain fell in and around Rockdale which flooded several roads including US 79. One bridge in the area was reported under water.										
Duval County	30	1700CST	0	0	0	0	0	0	0	Hail (1.75)
Golfball size hail fell near Rosita, according to the Sheriffs Department.										
Duval, Jim Wells and San Patricio Counties	30-31	late 30th - early 31st	0	0	5	7				Flooding
In San Patricio County, very heavy rains fell in and around Mathis which flooded the town and closed nearly all roads in the area. Heavy rains in Jim Wells County closed several roads also. 13 miles southwest of Alice, the small community of Palito Blanco was reported flooded as high water forced the evacuation of several people from their homes. In Duval County, flood water from nearly 13 inches of rain over the weekend flooded the countryside and the small towns of Rios, Realitos and La Rosita. About 40 to 50 homes in the area had water in them which forced the evacuations of many persons from their homes. The high water drowned livestock, ruined thousands of acres of crops and took days to subside.										
Frio, Kinney and Uvalde Counties	31	0300CST	0	0	6	6				Flash Flooding
Near 9 inches of rain fell in and around Bracketville and flooded the town and surrounding area. The flood waters forced the evacuation of about 100 persons as about 18 inches of water covered the downtown area of Bracketville. Many businesses were flooded. The hardest hit residential area was at Fort Clark Springs where waist deep water was reported in some homes and condominiums. The peak of the flooding was around 9AM CST when 20 to 25 homes in Bracketville were evacuated. Several roads were closed in the area including US Hwy. 90. In other mentioned counties, heavy rains fell and flooded low water crossings and closed some roads.										
Val Verde County	31	0705CST	0	0	0	0				Flash Flooding
Runoff from heavy rains in Crockett County flooded draws and creeks in the northern part of the county. Hwy. 189 was closed because of 6 feet of water across the roadway.										
Bexar County	31	1300CST	0	0	0	0				Flash Flooding
Heavy rains continued to fall in and around San Antonio, producing flash flooding. The National Weather Service Office at Broadway and Loop 410 recorded 2.21 inches which brought the monthly total for May to 12.85 inches. This amount for the month of May is exceeded only by the 14.07 that was recorded in 1935. The heavy rains in the city flooded streets and low water crossings, and there was about a dozen motorists that had to be rescued from the high water. Some homes in the southwest part of the county along Martinez Creek were flooded.										
Burnet, Caldwell, Hays and Travis Counties	31	Evening	0	0	?	?				Flash Flooding
Thunderstorms dumped as much as 3 inches of rain over parts of these counties, flooding many county roads and low water crossings. Flooding forced campers from parks in Hays County. Heavy rains and flash flooding extended eastward into Caldwell County.										
Jim Wells County	31	1855CST	0	0	0	0				Wind
High winds from a thunderstorm toppled trees just north of Orange Grove.										
Bee County	31	1930CST	0	0	0	0				Flooding
	31	1930CST	0	0	0	0				Wind (?)
Heavy rains caused flooding of streets and Farm-to-Market roads in the area. Many were closed, including US Hwy. 181. High winds from a thunderstorm downed power lines in the area.										
Duval and Jim Wells Counties	31	Late	0	0	?	?				Flooding
Heavy rains caused further flooding in the area as many roads remained closed, including US Hwy. 281. 5 to 10 inches of rain had accumulated for the past two days, creating the flooding problem.										

41 TEXAS, Western

Tom Green County	13	2025CST	0	0	?	0	0	0	0	Hail (1.75)
A television weathercaster reported golfball-sized hail 15 miles southeast of San Angelo in the eastern part of the county.										
Crane County	13	2152CST	0	0	?	0				Hail (1.75)
The Sheriff's Office reported golfball-sized hail 10 miles west of Crane.										

TEXAS, Western

Armstrong County	14	1540CST	0	0	0	0	0	0	0	Hail (1.75)
A Deputy Sheriff observed golfball-sized hail just east and southeast of Claude between 1545 and 1600 CST.										
Andrews County	14	2130CST	0	0	0	0				Hail (1.00)
The public reported one-inch hail in southeast Andrews County, 15 miles northwest of the city of Midland.										
Ector County	14	2145CST	0	0	0	0				Hail (1.25)
The Midland Weather Service Office Meteorologist-in-Charge reported hail 1.25 inches in diameter two miles east of Goldsmith.										
Ector County	14	2210CST	0	0	0	0				Hail (1.50)
The Midland Weather Service Office Meteorologist-in-Charge encountered hail up to 1.50 inches in diameter near the intersection of U.S. Highway 385 and State Highway 158 in the north-east part of the county.										
Ector County	14	2230CST	0	0	?	?				Hail (1.50)
The public reported 1.50 inch hail in north Odessa or 11 miles southwest of Midland Airport.										
Pecos and Reeves Counties	15	2037CST	0	0	0	0				Hail (1.00)
The public reported one-inch hail and high wind of unknown strength on U.S. Highway 285 halfway between Pecos and Fort Stockton, 40 miles northwest of Fort Stockton.										
Midland and Ector Counties	16	2010CST	0	0	3	0				Tstm. Wind (55)
Thunderstorm wind gusted to 55 knots at the Midland Weather Service Office at 2010 CST. The wind downed power lines at 2030 CST in the 300 block of Hillmont, near 81st Street and the Andrews Highway. A Skywarn spotter registered a 60 mph (52 kts.) wind gust at Goldsmith in northern Ector County at about the same time.										
Brewster County	19	1230CST	3.0	30	0	0				Tornado (F0)
The Sheriff's Office reported a tornado 15 miles northeast of Marathon, along the rim of the Glass Mountains in the extreme northeast part of the county. It made contact with the ground twice, but caused no damage in the mountainous terrain.										
Gray County	21	1650CST	1.5	40	0	0				Tornado (F0)
The Pampa Police sighted a tornado near town.										
Pecos County	21	Est. 1900 CST	0	0	5	6				Hail (1.75) Tstm. Wind (65)
An intense hailstorm moved through the northern part of the county, including the community of Coyanosa, and destroyed what was a very promising crop. Local farmers said hail up to golfball in size was driven by wind up to 65 knots, knocking out every south window in town and ruining building siding and roofs. Thousands of acres of watermelons, cantaloupes, wheat, and cotton were also ruined.										
Howard County	21	1925CST	0	0	0	0				Hail (1.75)
The Luther Police Department reported golfball-sized hail at Luther in the northern part of the county.										
Borden County	21	2000CST	0	0	?	?				Hail (0.75)
The public reported 3/4-inch hail three miles north of Vealmoor in the extreme southwest part of the county.										
Borden County	21	2125CST	0	0	0	0				Hail (0.75)
A spotter encountered dime-sized hail near Gail in the central part of the county.										
Hockley County	22	0920CST	0.5	30	0	0				Tornado (F0)
A Sheriff's Deputy in Sundown observed a brief low-energy funnel touch the ground near Sundown. No damage was noted.										
Hudspeth County	22	Est. 1400CST	0	0	5	6				Flash Flooding Hail (2.50)
A thunderstorm moved slowly across Dell Valley in the northeast part of the county, accompanied by up to 6 inches of rain and hail as large as tennis balls. The heaviest rains were from the southwest part of the valley through Dell City and northeast several miles. The flash flooding washed out cotton and vegetable crops and extensively damaged the alfalfa crop. A total of 3,500 acres of cotton was lost, amounting to about 55 percent of the valley's crop. The flood waters stood two feet deep over FM 1437 near Dell City.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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, Western									
Reeves County	22	1500CST		0	0	0	0		Hail (1.75)
									A motorist reported golfball-sized hail in the southeast part of the county, 43 miles southwest of Wink.
Parmer County	22	1530CST		0	0	0	3		Hail (1.00)
									The public reported one-inch hail 12 miles west of Friona. The hail piled up two inches deep and inflicted minor damage to young crops.
Cochran County	22	1628CST		0	0	0	0		Hail (1.75)
									The Sheriff's Department reported 0.75 inch hail in the western part of the county, just east of Bledsoe.
Culberson County	22	Est. 1710CST		0	0	?	0		Hail (0.75)
									The public reported golfball-sized hail near Kent in the southeast part of the county.
Hockley County	22	1741CST	1.0	40	0	0	0	0	Tornado (F0)
									Skywarn spotters observed a tornado in western Hockley County, between 3 and 5 miles southeast of Whiteface. The tornado was accompanied by marble-sized hail that covered the ground to a depth of 3 inches.
Cochran County	22	1810CST		0	0	0	0		Hail (0.75)
									Skywarn spotters encountered dime-sized hail near Whiteface.
Reeves County	22	1857CST		0	0	?	0		Hail (1.75)
									A Skywarn spotter encountered golfball-sized hail in Balmorhea.
Reeves County	22	1910CST	0.5	60	0	0	0	0	Tornado (F0)
									A short-lived tornado was sighted by a Department of Public Safety patrolman 4 miles west of Balmorhea.
Reeves County	22	1916CST	3.0	1000	30	121	6	5	Tornado (F4)
									The supercell that produced the golfball-sized hail at Balmorhea and the short-lived tornado west of Balmorhea produced a violent multiple vortex tornado that destroyed the community of Saragosa. The tornado essentially wiped the community of 183 people off the map, killing 30 and injuring 121 more. More than 85 percent of the structures in town were totally destroyed.
									The tornado began just north of Interstate 10, two miles southwest of Saragosa, as a strong single-vortex tornado. It moved through farmland, destroying a farm house and scattering outbuildings. As the storm entered Saragosa it rapidly became a large multiple vortex tornado, just over a half-mile wide. The path crossed over and enveloped almost all the residential and business district of the town, inflicting F3 and F4 damage. The F1 and F2 damage was confined to a very small perimeter of the damage path. Over 100 telephone and power poles were snapped by the storm, blacking out nearby Balmorhea and crippling telephone service to the county for several days. Autos and trucks were hurled through adobe and wood-frame structures, with some found as much as 500 feet from the point of origin.
									Tragically, of the 30 fatalities, 22 were in a single building, Guadalupe Hall, watching a graduation ceremony for Head Start four-year-olds. Most of those who died were parents or grandparents of the Head Start children; none of the Head Start children died. Several others were infants a year old or younger. Many of the four-year-olds survived because parents shielded them from debris with their bodies, costing the adult his or her life. Four other fatalities occurred in mobile homes, while only 3 were in frame houses. Another died trying to outrun the tornado in an automobile.
									Shortly after the twister ripped through the community it lifted.
									F77M F600 F710 M270 F240 M250 M010 M350 M280 M570 F530 F250 M010 F46M F17V M70M F63M F300 F010 F310 M330 F490 M540 F480 M010 F300 F460 F34P F14P F02P
Hockley County	22	1928CST		0	0	0	?		Hail (1.00)
									One-inch diameter hail was observed by a Skywarn spotter at Sundown in the southwest part of the county.
Reeves County	22	1958CST		0	0	0	0		Funnel
									The Saragosa supercell produced a funnel that was sighted by a Sheriff's Deputy 28 miles west of Fort Stockton.
TEXAS, Western									
Crosby County	22	Est. 2245CST		0	0	0	0	0	Tstm. Wind (52)
									Several public reports indicate that thunderstorm wind gusted to about 62 knots in extreme eastern parts of the county, north of White River Reservoir.
Ward County	23	0825CST		0	0	0	0	0	Hail (1.75)
									The public reported golfball-sized hail 10 miles south of Wickett.
Ector County	23	1325CST		0	0	?	?		Hail (0.75)
									The public reported dime-sized hail in west Odessa.
Ector County	23	1345CST		0	0	?	?		Hail (1.75)
									The public reported golfball-sized hail in west Odessa.
Midland and Ector Counties	23	1415CST		0	0	?	?		Hail (1.75)
									The public reported golfball-sized hail estimated 5 miles southwest of Midland Airport on the Midland/Ector county line.
Upton County	23	1629CST		0	0	?	?		Hail (0.75)
									The Department of Public Safety reported dime-sized hail 10 miles west of Texon.
Presidio County	23	1700CST		0	0	0	0		Hail (1.75)
									Golfball-sized hail was reported by city officials in Marfa. At 1730 CST a weather observer at Marfa reported one-inch hail immediately east of the Marfa city limits. No damage was reported.
Hall County	24	1750CST		0	0	?	0		Hail (1.75)
									The Memphis Police Department reported golfball-sized hail in Memphis. Damage was unknown.
Swisher, Armstrong, and Randall Counties	24	1945CST		0	0	0	0		Hail (1.75)
									The Department of Public Safety reported golfball-sized hail 10 miles east of Happy. The hail affected northeast Swisher, southeast Randall, and southwest Armstrong counties.
Briscoe County	24	2015CST		0	0	0	0		Funnel
									A Skywarn spotter sighted a funnel cloud 8 miles southwest of Silverton.
Briscoe County	24	2055CST	2.0	70	0	0	0	0	Tornado (F1)
		2105CST	1.0	40	0	0	0	0	Tornado (F0)
									A tornado was sighted about 12 miles northeast of Silverton in open country. A second tornado was observed at 2105 CST, 12 miles northeast of Silverton.
Donley County	24	2130CST	0.5	50	0	0	0	0	Tornado (F0)
									A Clarendon Police Officer sighted a tornado three miles south of Clarendon.
Hall and Childress Counties	25	1103CST	6.0	90	0	0	0	0	Tornado (F2)
									The Department of Public Safety reported a tornado 5 miles east of Memphis, east of Highway 287. The storm was observed to have moved several miles through open ranchland.
Ward County	25	1557CST		0	0	0	0		Funnel
									The public spotted a funnel cloud 2 miles northeast of Barstow.
Hansford County	25	1620CST	2.0	100	0	0	0	?	Tornado (F1)
									The Sheriff reported a tornado just southwest of Gruver. This storm was simultaneously observed by a storm chaser at Spearman.
Ward County	25	1652CST	1.0	40	0	0	0	0	Tornado (F0)
									The Department of Public Safety reported a tornado 5 miles south of Barstow in the western part of the county.
Moore County	25	Est. 1700CST		1	0	0			Istm. Wind
									Thunderstorm wind over Lake Meredith caused a boat to overturn, resulting in the drowning of Mr. Richard Dean Pierce, 25, of Spearman. M250

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
TEXAS, Western											
Hansford County	25	1720CST 1730CST 1730CST	3.0	530 0	0	0	4	3	Tornado (F3)		
					0	0	4	0	Tsm. Wind (65)		
					0	0	?	0	Hail (1.75)		
										A multiple vortex tornado developed just south of Gruver in farm country, destroying outbuildings and trees. Thunderstorm wind associated with the parent supercell gusted to 65 knots and damaged a hangar at Gruver Airport. Golfball-sized hail accompanied the storm.	
Ward County	25	1735CST			0	0	?	0	Hail (1.75)		
					0	0	0	0	Funnel		
										Skywarn spotters observed a funnel and golfball-sized hail at Pyote. No damage was noted.	
Hansford County	25	1740CST			0	0	0	0	Funnel		
										The Sheriff observed a funnel over Gruver.	
Castro County	25	Est. 1755 CST	0.8	50 0	0	0	0	0	Tornado (F0)		
										The Department of Public Safety reported a tornado 5 miles southwest of Hart in the southeast part of the county. Skywarn storm spotters observed the same tornado at 1757 CST, having moved little.	
Ward County	25	1809CST	11	100 0	0	0	0	0	Tornado (F2)		
										The Department of Public Safety reported a tornado 12 miles southwest of Monahans, near the Pecos-Ward county line. This tornado was observed at 1823 CST just southwest of Monahans prior to lifting.	
Hansford County	25	1815CST	0.1	40 0	0	0	0	0	Tornado (F0)		
										A storm chaser spotted a brief tornado 4 miles northwest of Spearman.	
Randall and Armstrong Counties	25	1830CST	6.0	150 0	0	0	0	0	Tornado (F2)		
										A tornado was observed to touch down just northeast of Palo Duro State Park at 1830 CST. It was observed 11 miles south of Interstate 40 on East Pullman Road in eastern Randall County, then was seen at 1840 CST 10 miles southwest of Claude in Armstrong County. In open ranchland, this tornado inflicted little noteworthy damage.	
Castro County	25	1839CST			0	0	0	0	Hail (1.75)		
										Golfball-sized hail was encountered by Department of Public Safety officers 3 miles east of Hart.	
Randall County	25	1853CST	1.0	50 0	0	0	0	0	Tornado (F0)		
										The Department of Public Safety reported a tornado in the southern part of the county.	
Ochiltree County	25	1912CST	3.0	700 0	0	0	5	3	Tornado (F3)		
										A multiple vortex tornado enjoyed a brief but damaging path from immediately south of Waka to one mile southwest of Farnsworth. The tornado was measured at 0.4 mile wide and destroyed two mobile homes, snapped at least 15 power poles, derailed railroad cars, and inflicted widespread shingle and glass damage in Waka due to tornadic missiles.	
Swisher County	25	1920CST			0	0	0	0	Hail (1.75)		
										Golfball-sized hail was reported in Tulia, and at 1923 CST golfball-sized hail fell 3 miles northwest of Tulia.	
Ochiltree County	25	1935CST	10	80 0	0	0	?	?	Tornado (F1)		
										A Skywarn spotter reported a tornado 8 miles southeast of Farnsworth. The tornado was spotted by a Department of Public Safety Trooper at 2005 CST 4 miles west-northwest of Perryton, as it continued to move slowly north.	
Randall County	25	2008CST	0.1	50 0	0	0	0	0	Tornado (F0)		
					0	0	0	0	Hail (1.00)		
										A small tornado briefly touched down 3 miles west of Happy. At 2015 CST, one-inch hail was observed to have covered the ground west of Happy.	
Randall County	25	2020CST	3.0	60 0	0	0	0	0	Tornado (F0)		
										An off-duty National Weather Service employee observed a tornado in the southern part of the county, 9 miles northwest of Happy.	
Randall County	25	Est. 2100 CST	2.0	150 0	0	0	4	0	Tornado (F2)		
										A tornado struck and unroofed a house 6 miles east of Canyon. The two residents in the house at the time escaped injury.	
TEXAS, Western											
Potter County	25	2130CST 2205CST	0.1	40 0	0	0	0	0	Tornado (F0)		
					0	0	0	0	Hail (1.00)		
										A Skywarn spotter and a Department of Public Safety Officer reported a funnel cloud 6 miles northwest of Amarillo. The funnel briefly touched down, then the parent thunderstorm rapidly weakened. At 2205 CST the thunderstorm produced one-inch hail 5 miles north of Cliffside.	
Deaf Smith County	26	1123CST 1130CST			0	0	0	0	Funnels		
					0	0	0	5	Hail (1.75)		
										The Hereford Police Department reported several funnel clouds about 8 miles south of Hereford. The supercell producing the funnels also dropped golfball-sized hail that destroyed a wheat crop 8 to 10 miles west of Hereford.	
Ward County	26	1315CST			0	0	?	0	Hail (1.75)		
										Golfball-sized hail was reported 4 miles southwest of Wickett.	
Ward and Winkler Counties	26	1415CST			0	0	?	0	Hail (1.75)		
										The Department of Public Safety reported golfball-sized hail two miles north of Monahans on the Ward-Winkler county line.	
Andrews County	26	1535CST	14	100 0	0	0	?	0	Hail (1.75)		
										Golfball-sized hail struck Andrews, as noted by the Sheriff's Department.	
Reeves and Pecos Counties	26	1620CST			0	0	0	0	Hail (1.75)		
										The Department of Public Safety in Pecos reported golfball-sized hail along the Pecos-Terrill county line 5 miles northeast of Longfellow. At 1635 CST golfball-sized hail was reported by the DPS on Interstate 10 four miles east of Pecos.	
Ector County	26	1620CST 1625CST 1634CST 1652CST 1702CST 1710CST	0.5	50 0	0	0	?	0	Tornado (F0)		
					0	0	?	?	Hail (2.75)		
					0.3	40 0	0	?	0	Tornado (F0)	
					0.3	50 0	0	4	0	Tornado (F1)	
						0	0	0	0	Funnel	
						0	0	?	0	Hail (1.50)	
										A large supercell moved through the county, producing several small tornadoes and large hail. The first tornado was sighted at 1620 CST 3 miles northwest of Penwell. Another was seen by the Odessa Fire Department 2.5 miles east of Farm Road 866 and University in Odessa. At 1652 CST a third twister struck the Fire Station located at University and Tripp on the west side of Odessa. The latter inflicted structural damage to the fire station.	
										Meanwhile, baseball-sized hail pelted Odessa at the intersection of 64th and Moss Streets at 1625 CST. At 1710 CST, Weather Service personnel encountered 1.50 inch hail in northern parts of the county.	
Midland County	26	1715CST			0	0	0	0	Hail (1.75)		
										A Skywarn spotter encountered golfball-sized hail one mile west of Girls' Ranch in Midland. Dime-sized hail was reported by the public four miles northwest of the city of Midland at 1724 CST.	
Hale County	26	1720CST 1743CST 1749CST	0.2	30 0	0	0	0	0	Tornado (F0)		
					0	0	?	0	Hail (1.75)		
					0	0	?	0	Hail (2.00)		
										The Department of Public Safety reported a tornado briefly touching down in open country near Cotton Center. Skywarn spotters encountered golfball-sized hail at 1743 CST eight miles northwest of Plainview. At 1749 CST, the spotters observed hail as large as 2 inches in diameter 4 miles north of Plainview. The hail covered the ground, falling continuously for 27 minutes.	
Garza County	27	0010CST			0	0	?	0	Hail (3.50)		
										Hail ranging in size from marbles to golfballs fell in Post. Large chunks of ice up to 3.5 inches across fell 4 miles south of Post at the same time, according to the Department of Public Safety.	
Upton and Crockett Counties	27	1735CST			0	0	0	0	Hail (1.75)		
										The public reported golfball-sized hail around McCamey. A Department of Public Safety Officer also reported golfball-sized hail on the Crockett-Upton county line 5 miles south of McCamey.	
Pecos County	27	1853CST			0	0	0	0	Funnel		
					0	0	0	0	Hail (0.75)		
										A Deputy Sheriff in Fort Stockton sighted a funnel cloud 3 miles southwest of the town. The funnel was accompanied by dime-sized hail.	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

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

— TEXAS, Western

Upton County	27	1855CST							Funnel	
A funnel cloud was sighted by a Department of Public Safety Officer 15 miles northeast of Crane.										
Pecos County	27	1915CST							Funnel	
The Fort Stockton Police Department reported a funnel cloud three miles south of Fort Stockton.										
Midland County	27	1920CST			0	0	5	5	Hail (4.00)	
A massive hailstorm struck between 2 and 5 miles south of the Midland City limits. Hail fell for 25 to 30 minutes in sizes ranging from quarters to grapefruits, inflicting heavy damage to automobiles, roofs, windows, and crops. There were also several reports of funnels.										
Stonewall County	27	1923CST			0	0	?	0	Hail (1.75)	
The Department of Public Safety reported golfball-sized hail on the south side of Aspermont. Damage was unknown.										
Crane County	27	1943CST			0	0	?	0	Hail (2.75)	
The public reported baseball-sized hail three miles north of Crane.										
Midland County	27	1946CST	0.3	50	0	0	0	0	Tornado (F0)	
The public reported two tornadoes, one 2.5 miles south of Midland and a second 8 to 9 miles south of town. Neither did any apparent damage.										
Upton County	27	2230CST			0	0	0	0	Hail (0.75)	
The Sheriff's Office at Rankin reported dime-sized hail in town.										
Gaines County	28	0405CST			0	0	?	?	Hail (2.75)	
The public reported baseball-sized hail three miles north of Seminole.										
Garza County	28	0636CST			0	0	0	0	Hail (1.75)	
Skywarn spotters reported golfball-sized hail three miles southwest of Post.										
Lynn County	28	0700CST			0	0	0	0	Hail (0.75)	
The Sheriff's Department noted marble to penny size hail on Highway 380 three miles east of Tahoka. Torrential rain associated with the storm flooded Highways 179 and 213 near New Moore and Highway 380 east of Tahoka, as well as Highway 87 south of Tahoka. The highway south of Tahoka remained under four feet of water for three weeks.										
Dawson County	28	All Day			0	0	4	6	Flooding	
Rains of up to six inches in a nine-hour period caused widespread flooding that inundated a large portion of the county. Flood waters created several huge lakes, several miles across, that isolated residents for days. Many of the county's roadways were under several feet of water, including U.S. Highway 180 and 87 out of Lamesa. The flood waters wiped out most all of the young cotton crop in the county. Many of the county roads sustained severe water damage due to erosion and undermining.										
Dickens County	28	0726CST			0	0	?	0	Hail (1.75)	
Skywarn spotters encountered golfball-sized hail four miles west of Dickens. The hail fell in open rangeland and caused unknown damage.										
King County	28	0910CST	13	100	0	0	?	0	Tornado (F2)	
The Sheriff sighted a tornado about 6 miles southwest of Guthrie. The tornado moved almost due east, last being seen tearing up brush and trees 6 miles southeast of Guthrie. The tornado sighting was preceded by numerous funnel cloud reports.										
Gaines County	28	0917CST			0	0	0	0	Hail (0.75)	
The Sheriff's Office reported dime-sized hail near Seminole.										
Howard County	28	1145CST			0	0	0	0	Hail (0.75)	
A supercell moved eastward through the county, producing dime-sized hail 5 miles northwest of Big Spring. At 1205 CST, the storm dropped a tornado 5 miles northeast of Big Spring. No damage amounts were confirmed.										
Tom Green County	28	Est. 2000CST			0	0	?	0	Hail (2.75)	
Golfball to baseball size hail was reported by fire department officials in Knickerbocker. One-inch hail fell at Mathis Field.										

— TEXAS, Western

Pecos and Terrell Counties	29	1620CST							Hail (1.75)	
A Department of Public Safety Trooper encountered golfball-sized hail 5 miles northeast of Longfellow along the Pecos-Terrell county line.										
Farmer County	29	1640CST	1.0	60	0	0	0	0	Tornado (F0)	
The Sheriff's Office reported a tornado 10 miles northeast of Friona in open country. No significant damage was noted.										
Dawson County	29	1653CST	4.0	110	0	0	?	0	Tornado (F1)	
Skywarn spotters reported a tornado 5 miles northeast of Lamesa. The tornado was in farmland and did no damage. A second twister was sighted at 1710 CST two miles east of town and was again in open country. The second tornado was accompanied by softball-sized hail that fell in a strip from 2 miles east to 8 miles northeast of Lamesa. Since there was only plowed fields in its path, no damage was noted.										
Lynn County	29	1713CST			0	0	0	0	Hail (1.75)	
Skywarn spotters encountered golfball-sized hail 2 miles west of Petty in the northwest part of the county.										
Lubbock and Hockley Counties	29	1725CST	8.0	80	0	3	5	4	Tornado (F2)	
A pair of tornadoes developed in far western Lubbock County from a left-split, left-moving thunderstorm. The tornadoes developed from separate wall clouds and moved parallel in a north-northwest direction. Tornado number 1 was first sighted by Skywarn spotters as a funnel about 1720 CST. It touched down at 1725 CST just north of FM 1585 west of Wolfforth, striking a house and 2 mobile homes. As tornado number 1 crossed FM 2378 a quarter mile south of State Highway 114, it injured a man who was delivering pizza. He had abandoned his vehicle and hid in a ditch, but was thrown about 50 feet. The storm crossed Highway 114 a quarter mile west of FM 2378 and struck a number of residences in the vicinity. Two mobile home residents were injured just north of Highway 114 and their home was scattered across a half-mile of countryside. Tornado number 1 lifted about 1740 CST after heavily damaging or destroying 7 mobile homes and 3 permanent wood-frame houses.										
Tornado number 2 had a brief life on the ground. It was reported as having touched down by Department of Public Safety Troopers at 1739 CST just south of the Hurlwood Community. It lifted within a minute without having done any appreciable damage.										
Martin County	29	1730CST			0	0	0	0	Hail (1.75)	
The public reported golfball-sized hail in Stanton.										
Dawson County	29	1730CST			0	0	4	5	Flash Flooding	
Torrential rains associated with the severe storm that produced the tornadoes and the softball-sized hail above caused flash flooding. Unlike the floods of the previous day, the already saturated ground caused rapid runoff and dangerous currents. A number of law enforcement and farm vehicles fell victim to the swirling waters, being swept off flooded roadways by water that was suddenly several feet deep.										
Ector County	29	1810CST			0	0	0	0	Hail (1.00)	
A Skywarn spotter observed hail the size of quarters 9 miles northwest of Odessa.										
Randall County	29	Est. 1840CST			0	0	0	0	Hail (1.75)	
A Department of Public Safety Officer encountered golfball-sized hail halfway between Canyon and Happy on Interstate 27. He reported no damage.										
Ector County	29	Est. 1910CST			0	0	?	0	Hail (1.00)	
A Skywarn spotter reported hail the size of quarters halfway between Odessa and Goldsmith.										
Castro County	29	1945CST	2.0	60	0	0	0	0	Tornado (F0)	
The Sheriff's Department reported a tornado 8 miles west of Dimmitt.										
Armstrong County	29	2130CST			0	0	?	0	Hail (1.75)	
Golfball-sized hail covered the ground at Claude, according to a DPS Dispatcher. Within 30 minutes, the same storm produced large hail that covered the ground at Goodnight.										
Castro, Randall, and Swisher Counties	29	Est. 2140CST			0	0	0	0	Funnels	
The public and law enforcement officers noted several funnels associated with a strong thunderstorm.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

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

TEXAS, Western

Castro County	29	2142CST	1.0	30	0	0	0	0	0	Tornado (F0)
<p>The Department of Public Safety reported a tornado near Highway 86 seven miles east of Dimmitt.</p>										
Castro County	29	2230CST			0	0	0	0	0	Hail Flash Flooding
<p>Hail was reported 12 inches deep four miles east of Dimmitt on Highway 86. Between 2 and 3 feet of water covered U.S. Highway 385 south out of Dimmitt.</p>										
Lamb County	29	2230CST			0	0	0	0	0	Funnels
<p>An Olton Volunteer Fireman sighted three funnel clouds 8 miles northwest of the city of Olton.</p>										
Hudspeth County	30	Est.1735CST			0	0	?	0	0	Hail (1.75)
<p>Motorists encountered golfball-sized hail on Interstate 10 between Fort Hancock and Sierra Blanca in the southern part of the county. No significant damage was known.</p>										
Hudspeth and El Paso Counties	30	1808CST			0	0	?	0	0	Hail (1.00)
<p>Motorists reported one-inch hail near Horizon Lakes accompanied by very heavy rain and very strong winds. At about the same time, the Texas Highway Department reported that one-inch hail fell in the McNary-Fort Hancock area, causing damage to autos passing through the Border Patrol checkpoint just west of Sierra Blanca.</p>										
Andrews County	30	1915CST 1922CST	2.5	70	0	0	?	0	0	Tornado (F1) Funnel
<p>The public observed a tornado 23 miles west of Andrews in the western part of the county. The Department of Public Safety sighted a funnel cloud in that vicinity 7 minutes later, at 1922 CST.</p>										
Hansford County	30	1916CST			0	0	0	0	0	Hail (1.75)
<p>The Sheriff reported golfball-sized hail five miles northwest of Spearman.</p>										
Tom Green County	30	Est.2000CST			1	0	5	?	0	Flash Flooding
<p>Widespread rains of between three and five inches over the county resulted in flash flooding. Mr. Clarence Martin, 57, attempted to save his wife from floodwaters in Red Arroyo. The Arroyo was running 12 to 14 feet deep at the time. He had found his wife's automobile in the creek, underwater, and unoccupied, and died while searching for her. Mrs. Martin had been swept downstream, but was washed ashore near their home and survived.</p>										
M570										
Hansford County	30	2017CST	4.0	70	0	0	0	0	0	Tornado (F1)
<p>The Department of Public Safety reported a tornado 10 miles south-west of Spearman in the extreme southern part of the county.</p>										
Hansford County	30	2127CST			0	0	0	0	0	Hail (1.75)
<p>The Sheriff reported golfball-sized hail 12 miles southwest of Gruver.</p>										
Ward County	30	2215CST			0	0	?	0	0	Hail (1.75)
<p>The Monahans Police Department reported golfball-sized hail in the city that began at 2215 CST and continued until 2235 CST. Damage amounts were unknown.</p>										
Brewster County	31	0830CST	1.5	40	0	0	0	0	0	Tornado (F0)
<p>The Sheriff sighted a tornado 40 miles south of Alpine in the southern part of the county. It was in desolate mountainous terrain near State Highway 118.</p>										

42 UTAH

Utah County, Utah Lake	02	0906MST	N/A	N/A	0	0	1	0	0	Waterspout
<p>A waterspout was observed by several people over the Provo Bay area of Utah Lake. The waterspout was located approximately six miles west-northwest of the center of Springville Utah, and persisted for about 20 minutes before dissipating.</p>										
Washington County, Hurricane	12	1630MST			0	2	1	0	0	Lightning
<p>Two women were struck by lightning while playing softball in Hurricane.</p>										

UTAH

Salt Lake County Davis County	18 18	0350MST 1802MST			0	0	3	0	0	Lightning Lightning
<p>Lightning knocked out two pieces of weather observing equipment on this Monday. During the early morning hours, a lightning strike incapacitated the automatic radio theodolite at the Salt Lake City Weather Service Office. Later, during the evening hours, the weather radar at Hill Air Force Base was disabled by another strike.</p>										
Davis County Weber County	20 20	0715MST 0730MST			0	0	1	0	0	Hail (0.75) Hail (0.75)
<p>A thunderstorm produced large hail at Hill Air Force base at 8:15 a.m. MDT on this Wednesday. Fifteen minutes later, 3/4 inch hail was observed in Roy.</p>										
Tooele County, Tooele	20	1045MST			0	0	2	0	0	Lightning
<p>Lightning hit a house and a nearby tree in Tooele. The strike apparently produced little damage to the house, but killed all the birds in the tree.</p>										
Iron County	25	1350MST			0	0	1	0	0	Thunderstorm Wind (G52)
Iron County	25	1820MST			0	0	1	0	0	Thunderstorm Wind (G50)
<p>Thunderstorm winds gusted to above 58 mph at the Cedar City Airport, twice on this Memorial Day Holiday.</p>										
Cache County, Lewiston	29	1145MST	1/4	40	0	0	3	0	0	Tornado (F1)
<p>A tornado touched down approximately 1 1/2 miles south of the center of Lewiston, Utah. The twister skipped along the ground for about 1500 feet, and left a path of moderate damage of about 40 yards wide. The tornado took the roof off a hay barn, turned two calf bins over, and uprooted two fruit trees and a pine tree. Two other pine trees were then twisted out of the ground and dropped on a fence. The damage produced by the storm was estimated at between four and five thousand dollars.</p>										

43 VERMONT

Rutland County	29	1600EST			0	0	3	3	0	Thunderstorm Winds	
Orange County	29	1600EST			0	0	0	0	0	Hail (0.75)	
<p>Hail of 1/2 to 3/4 inch diameter fell within the county.</p>											
Chittenden County: Williston Williston Colchester Colchester Underhill	31 31 31 31 31	1235EST 1300EST 1300EST 1300EST 1330EST			0 0 0 0 0	0 0 0 0 0	0 4 0 4 4	0 0 0 4 4	0 0 0 4 4	0 0 0 4 4	Hail (1.50) Tornado (F0) Hail (0.50) Thunderstorm Winds Thunderstorm Winds
<p>A small tornado touched down in Williston, Chittenden County. A car was lifted off the ground and trees were snapped. Winds at the Burlington Airport were clocked at 40 mph at the time of the tornado's touchdown. Areas near the tornado received heavy rain which caused urban flooding. Strong gusty winds were reported in Colchester and Underhill, and 1/2 inch diameter and larger hail was reported in Jericho and Williston.</p>											
Lamoille County	31	1300EST			0	0	3	3	0	Thunderstorm Winds	
<p>High winds took down trees and power lines.</p>											
Washington County	31	1305EST			0	0	3	3	0	Thunderstorm Winds	
<p>Convecrive winds brought down trees countywide.</p>											

44 VIRGINIA

Bedford County	2	1300EST			1	0	0	0	0	Lightning
<p>Lightning struck and killed a farmhand in a field in Bedford as he herded cows to a shelter.</p>										
11240										
Campbell County	2	1800EST			0	0	5	0	0	Lightning
<p>Three warehouses in Lynchburg were set afire by a lightning strike, and a house near Rustberg was gutted.</p>										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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	
— VIRGINIA									
Henrico County	3	1730EST			0	0	3	0	Thunderstorm Wind
		A squall line produced heavy rains and wind gusts 40 to 50 mph. Several large trees were downed and damaged homes. Lightning also set afire and destroyed a house near Ashland that evening.							
Henrico County	4	0700EST			0	1	2	0	Lightning
		Lightning struck and injured a 13-year-old girl when the bolt came through a partially opened window in her home in Mechanicsville.							
Henrico County	18	1925EST			0	0	5	0	Lightning
		Lightning struck an apartment complex at about 7:45 pm, setting it on fire. Damage estimated at \$45,000 to \$50,000. occurred, and no injuries were reported. Lightning also set afire a nearby garage.							
Henrico County, Hanover County, and Goochland County	31	1830EST			0	0	3	0	Thunderstorm Wind
		Winds estimated in excess of 75 mph blew over 15 to 20 large trees. Heavy rain and frequent lightning were also reported. No deaths or injuries occurred, and only minor property damage was reported. Power outages at 8,000 homes during the evening were also reported.							
45 WASHINGTON									
Franklin County	09	1509PST			0	0	4	0	Thunderstorm Wind
Benton County	09	1530PST			0	0	4	0	Thunderstorm Wind
Grant County	09	1550PST			0	0	0	0	Funnel Cloud
		An area of brief-but-intense afternoon thunderstorms developed over the three-county area. Strong winds in the Tri-Cities area, several small lightning-caused fires around the town of Othello, and a funnel cloud sighted near Ephrata were all associated with the convective activity. Winds of up to 55 miles an hour snapped two power poles along a road near Kennewick and blew a poplar tree over onto a house west of Kennewick. In West Richland, wind also blew two trees over onto a parked van.							
Okanogan County	30	1800PST	1.0	15	0	0	0	0	Tornado (F1)
		A funnel cloud developed during an intense thunderstorm near the town of Brewster, about 55 miles northeast of Wenatchee. It then touched down as a tornado in a wheat field and took about 5 minutes to move across the field and down an embankment. Witnesses watching the tornado from a few miles away reported pea size hail just before the funnel cloud formed and heavy rain while the tornado was on the ground.							
46 WEST VIRGINIA									
Marion County	19	evening			0	0	4	?	Flash Flood
		Heavy thunderstorms produced rainfall amounts of 2 to 3 inches which caused Peddler's Run Creek to spill over its banks. Twenty-five homes were affected and 12 families evacuated. Two private bridges were washed away. A six mile stretch of West Virginia Highway 218 was closed for several hours.							
Pendleton County	19	evening			0	0	?	0	Flash Flood
		Two families were evacuated and several roads washed out in the Reeds Creek area due to heavy rainfall of 2 to 3 inches.							
Hancock County	30	1825EST			0	0	?	?	Hail (0.75)
		Numerous reports of 3/4 inch diameter hail and large trees down were received from throughout the county.							
47 WISCONSIN									
Hayward, Sawyer Co.	10	1535-1545CST			0	0	0	0	Hail (1.25)
		Hail up to 1 1/2 inches in diameter fell from a severe thunderstorm in Hayward.							
Medford, Taylor Co.	10	1535-1545CST			0	0	0	0	Hail (1.00)
	10	1535-1545CST			0	0	4	0	Thunderstorm Wind
		A severe thunderstorm dumped hail up to 1 inch in diameter in Medford. Gusty winds with the thunderstorm uprooted several large trees and blew a roof off a silo just east of Medford.							
Bruce & Ladysmith, Rusk Co.	10	1600-1620CST			0	0	4	0	Hail (2.00)
	10	1600-1620CST			0	0	4	0	Thunderstorm Wind
		A severe thunderstorm produced damaging winds and dropped hail up to 2 inches in diameter in a swath about 10 miles long from near Bruce to Ladysmith. 31 trees were snapped off or uprooted at Memorial Park in Ladysmith and another dozen trees were destroyed elsewhere. Some trees landed on vehicles. The hail piled up to a foot high just north of Bruce, broke windshields on gravel trucks and shattered 6 house windows. The hail also caused widespread roof damage in Ladysmith.							
Long Lake, Oneida Co.	10	1650CST			0	0	5	0	Lightning
		Fire started by lightning destroyed a \$175,000 home on Long Lake. In addition to the home, the fire destroyed a garage, 2 bass boats, 4 snowmobiles, and a workshop.							
Spoooner, Washburn Co.	10	1700-1710CST			0	0	0	0	Hail (0.75)
		Hail up to 3/4 inch in diameter was generated from a severe thunderstorm near Spooner.							
Milwaukee, Milwaukee Co.	11	1125-1135CST			0	0	0	0	Hail (0.75)
		A severe thunderstorm deposited hail up to 3/4 inch in diameter across several locations in northwest Milwaukee.							
Urne, Buffalo Co.	13	2010CST			0	0	5	3	Lightning
		Lightning struck a 52 by 40 foot barn and the resulting fire destroyed the barn, bulk tank and milking equipment. In addition to the \$75,000 damage to the barn, 24 cows were killed and 1000 bales of hay destroyed.							
Deerfield, Dane Co.	21	1705-1710CST			0	0	0	0	Hail (1.75)
		Hail up to golfball size was dumped by a severe thunderstorm near Deerfield.							
Lake Mills, Jefferson Co.	21	1712-1720CST			0	0	2	0	Hail (2.00)
		A severe thunderstorm dropped hail up to 2 inches in diameter in the Lake Mills area. Some hail smashed a windshield of a car traveling in Interstate 94.							
Randolph, Columbia Co.	21	1720-1725CST			0	0	3	0	Thunderstorm Wind
		Intense thunderstorm winds snapped trees, ripped siding from a barn and partially collapsed a chimney of a former cheese factory 2 miles southwest of Randolph.							
Juneau, Dodge Co.	21	1805-1810CST			0	0	0	0	Hail (2.00)
		Hail up to 2 inches in diameter fell from a severe thunderstorm 1 mile southeast of Juneau.							
Whitewater, Walworth Co.	21	1805-1815CST			0	0	0	0	Hail (0.75)
	21	1810CST			0	0	0	0	Funnel Cloud
		A funnel cloud was spotted near Whitewater and the accompanying storm deposited hail up to 3/4 inch in diameter.							
Palmyra, Jefferson Co.	21	1833-1840CST			0	0	0	0	Hail (0.75)
		Dime size hail fell at Palmyra from a severe thunderstorm.							
Waukesha Co.	21	1835CST			0	0	0	0	Thunderstorm Wind (52)
	21	1840-1916CST			0	0	0	0	Hail (1.75)
		A cluster of severe thunderstorms dropped hail up to golfball size across the communities of Pewaukee, Wales, and Brookfield. 60 mph winds were reported at Highways J & T and trees were knocked down in Mukwonago, East Troy and Delafield.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

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

West Bend, Washington Co.	21	1835-1840CST			0	0	0	0	Hail (1.00)
Hail up to 1 inch in diameter was deposited by a severe thunderstorm in West Bend.									
Milwaukee Co.	21	1918-1926CST			0	0	0	0	Hail (1.00)
A severe thunderstorm produced hail up to 1 inch in diameter in Wauwatosa and at Mount Mary College in Milwaukee.									
Milwaukee Co.	21	2035-2040CST			0	0	0	0	Hail (0.75)
Hail up to 3/4 inch in diameter was triggered by a severe thunderstorm at Milwaukee's Mitchell International Airport.									
Walworth Co.	21	2250-2305CST			0	0	0	0	Thunderstorm Wind
	21	2250-2255CST			0	0	0	0	Hail (0.75)
A severe thunderstorm generated gusty winds which knocked down trees and power lines in Delavan, Lake Geneva and Walworth. Hail up to 3/4 inch in diameter was reported in Sharon and Delavan.									
Reedsburg, Sauk Co.	27	1310CST			0	0	?	0	Thunderstorm Wind
Five large trees were blown over in the All Saints Cemetery of Reedsburg by strong thunderstorm winds.									
New Glarus, Green Co.	27	1340CST			0	0	?	0	Thunderstorm Wind
Violent thunderstorm winds snapped off or uprooted 40 trees in the New Glarus Woods along the Sugar River trail.									
Madison, Dane Co.	27	1401CST			0	0	0	0	Thunderstorm Wind (59)
A severe thunderstorm generated winds up to 68 mph 5 miles southeast of Madison.									
Elderon, Marathon Co.	27	1445CST			0	0	0	0	Hail (1.75)
Hail up to golfball size fell from a severe thunderstorm 4 miles south of Elderon.									
Clintonville, Waupaca Co.	27	1500-1515CST			0	0	?	0	Thunderstorm Wind
Very strong thunderstorm winds snapped several telephone poles and numerous trees from Clintonville to Embarrass.									
Shawano, Shawano Co.	27	1515-1530CST			0	0	5	0	Thunderstorm Wind
Intense thunderstorm winds blew down 5 power poles and uprooted several trees from Clover Leaf Lake to Shawano. The wind also damaged a police communications tower in Shawano. Falling trees and limbs damaged about 10 homes and sheds mainly at Shawano Lake and Clover Leaf Lake.									
Janesville, Rock Co.	27	1554CST			0	0	0	0	Thunderstorm Wind (62)
Winds gusted up to 69 mph from a severe thunderstorm at the Janesville Airport.									
Walworth Co.	27	1625CST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted 6 miles south of Whitewater.									
South Wayne, Lafayette Co.	27	1640CST			0	0	0	0	Hail (1.00)
A severe thunderstorm dropped hail up to 1 inch in diameter over South Wayne.									
Monroe, Green Co.	27	1950CST			0	0	5	0	Thunderstorm Wind
Violent winds from a severe thunderstorm downed a 120-foot FM transmitting tower and lifted the roof from the radio station building just east of Monroe.									
Sun Prairie, Dane Co.	27	2117CST			0	0	0	0	Hail (1.00)
A severe thunderstorm produced hail up to 1 inch in diameter at Sun Prairie.									
LaCrosse Co.	28	1211CST			0	1	0	0	Lightning
Lightning struck and injured a man while he was boating in the Mississippi River near Goose Island.									
Sauk Co.	28	1422CST			0	1	0	0	Lightning
A woman using a telephone 3 miles west of Lake Delton was knocked unconscious by lightning which sent an electric surge to the telephone in which she was speaking.									

WISCONSIN

Juneau Co.	28	1430CST			0	6	0	0	Lightning
Six members of the Pennsylvania Air National Guard were injured when lightning struck an airplane and control tower at Volk Field near Camp Douglas.									
Rock Co.	28	1505CST			0	2	0	0	Lightning
Two women loading softball equipment into a car were hit by lightning and injured in Janesville.									
Eau Claire, Eau Claire Co.	29	1140-1150CST			0	0	4	0	Thunderstorm Wind
A severe thunderstorm whipped up violent winds that caused substantial damage at the District One Technical Institute and the UW-Eau Claire campus. Several trees including the 300-year-old Council Oak were toppled. Two utility poles were knocked over and roof damage occurred to a nursing building, a trade and industrial building and the Davies University Center.									
Baldwin, St. Croix Co.	29	1453CST	0.1	50	0	0	0	0	Tornado (F0)
A small tornado touched down briefly 1/2 mile north of County Highway N and 1 mile west of Highway 63, just south of Baldwin, blowing down a large tree.									
Milwaukee Co.	30	1300CST			0	1	0	0	Lightning
A man standing under a tree was injured after being struck by lightning in South Milwaukee.									

48 WYOMING

Weston County, Newcastle	02	1515MST			0	0	0	0	Funnel Cloud
A couple of funnel clouds were reported by the Newcastle police. None of these funnel clouds touched down.									
Laramie County, 25W Cheyenne	11	1330MST			0	0	0	?	Hail (.50)
Laramie County	11	1540MST			0	0	0	0	Hail (.50)
A thunderstorm dropped half-inch hail to a depth of four inches on roads and ground about 25 miles west of Cheyenne. Later, this thunderstorm deposited some half-inch hail in Cheyenne.									
Laramie County, 25W Cheyenne	16	1235MST			0	0	0	0	Heavy Rain, Hail (.25)
A thunderstorm moved over Granite Reservoir and dumped brief heavy rain and one-quarter inch hail. Granite Reservoir is located about 25 miles west of Cheyenne.									
Lincoln County, Kemmerer	16	1400MST			0	0	?	0	Heavy Rain
Lincoln County, 88 Afton	16	1402MST			0	0	?	0	Heavy Rain
Sublette County, Pinedale	16	1404MST			0	0	0	0	Heavy Rain
Brief downpours of heavy rain were reported over western Wyoming on the 16th of May due to thunderstorms. The heavy rains eight miles south of Afton produced some mudslides, Afton is located 37 miles west of Big Piney.									
Laramie County, 43N Cheyenne	16	1610MST			0	0	0	0	Heavy Rain
A thunderstorm dumped brief heavy rain at Slater. The town of Slater is located about 43 miles north of Cheyenne.									
Laramie County, Cheyenne	16	1650MST			0	0	0	0	Minor Urban Flooding
A couple of thundershowers moved over Cheyenne and drenched the city in 1.30 inches of rain. This caused minor urban flooding of streets and low-lying areas.									
Campbell County, Wright	16	1730MST			0	0	5	0	Flash Flood
A severe thunderstorm downpour dropped over 2.5 inches of rain over the town of Wright in 45 minutes. About 14 homes sustained minor damage and 3 homes had major damage. The 3 homes with major damage had approximately 3 to 14 inches of water in their basements. Two culverts near the damaged homes could not convey the amount of water that occurred in backwater flooding.									
Campbell County, Recluse	16	1930MST			0	0	?	?	Hail (1.25)
Hail covered the ground in the town of Recluse and some damage to crops, cars and buildings was reported. No estimate of damage was reported. The town of Recluse is located about 50 miles north of Gillette.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

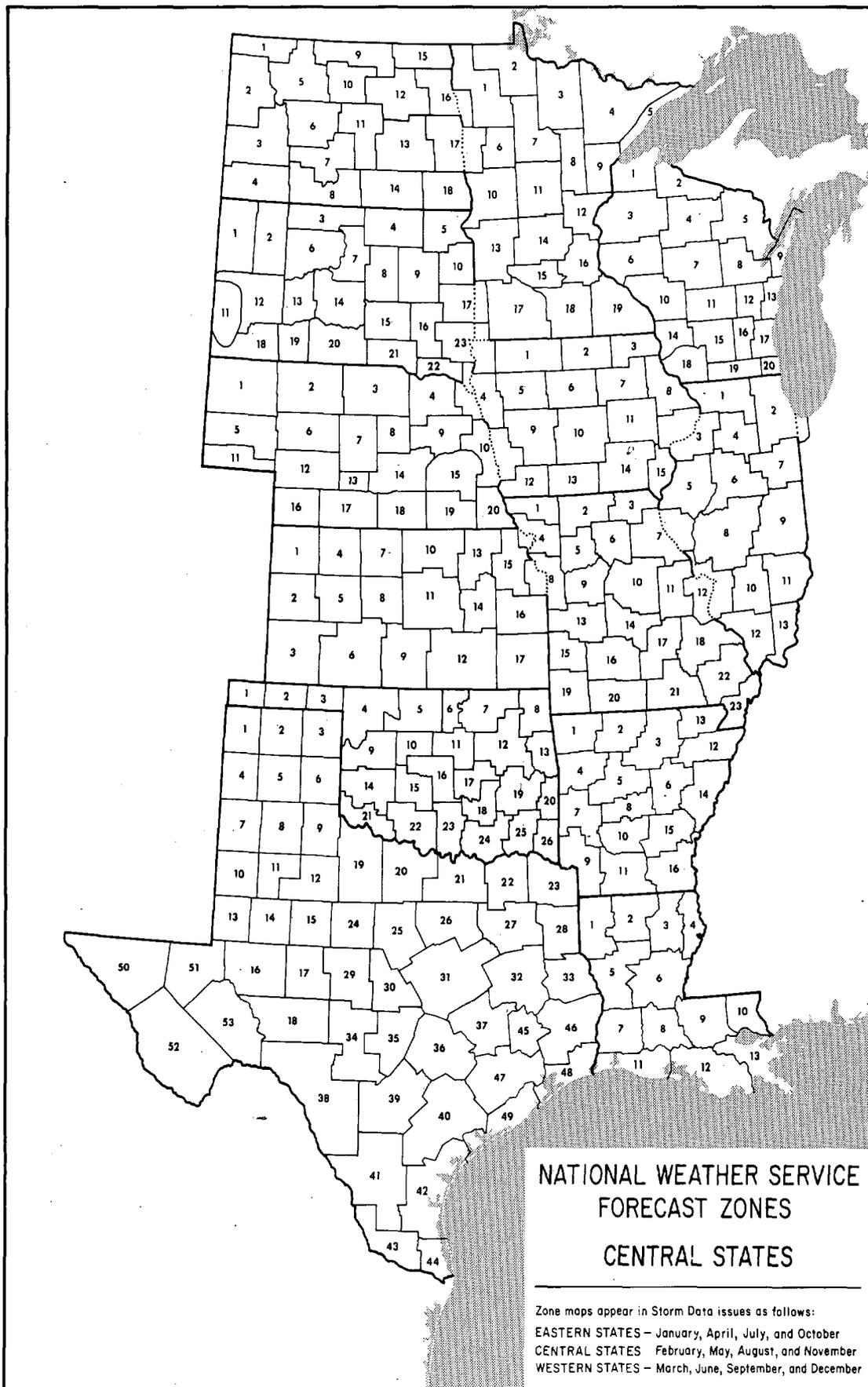
MAY 1987

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		
WYOMING										
Laramie County, 25W Cheyenne	17	0930MST			0	0	0	0	Heavy Rain	
Laramie County	17	1230MST			0	0	?	?	Heavy Rain	
Laramie County, Cheyenne	17	1239MST			0	0	?	?	Hail (.50) and (.75)	
	A thunderstorm developed over the west section of Laramie County during the morning of the 17th of May. This thunderstorm marched through Laramie County with locally heavy rain and hail. Rains of over an inch were reported west and north of Cheyenne with 0.82 inches of rain reported at the Cheyenne airport. Water got as deep as 3 to 4 feet in some areas of Cheyenne. This flooded some parked cars and made a few roads temporarily impassable. Numerous reports of 0.25 to 0.75 inch diameter hail were noted around Cheyenne. Drifts of hail 6 to 8 inches deep were observed about 1.5 miles north of the airport.									
Vinta County, 28E Evanston	17	1426MST			0	0	0	0	Funnel Cloud	
	A thunderstorm whipped up a funnel cloud near Fort Bridger.									
Laramie County, 25E Cheyenne	17	1435MST			0	0	?	?	Hail (1.00)	
Laramie County	17	1455MST			0	0	?	?	Hail (.25)	
	A severe thunderstorm that developed early in the day moved over the Burns and Egbert area. This storm dumped hail over farms, damaging some crops but no dollar amount was available.									
Washakie County: 12NE Worland	18	1408MST			0	0	0	0	Funnel Cloud	
9NW Ten Sleep	18	1409MST	0.1	10	0	0	0	0	Tornado (FO), Rain	
	A severe thunderstorm spawned a funnel cloud about 25 miles northeast of Worland. This funnel cloud moved southeast. A tornado briefly touched down about 9 miles northwest of Ten Sleep near Norwood Creek. The sheriff's department later reported tornado damage to some sage brush in the Norwood Creek area. The town of Ten Sleep is located about 40 miles east of Worland.									
Campbell County: 7E Gillette	18	1515MST			0	0	0	0	Funnel Cloud	
13E Gillette	18	1530MST	0.1	8	0	0	0	0	Tornado (FO)	
Crook County, Moorcroft	18	1605MST			0	0	?	?	Hail (.75)	
	A severe thunderstorm produced a funnel cloud just east of Gillette. Shortly afterward a tornado touched down very briefly east of the city. This severe thunderstorm continued to travel to the northeast and dumped .75 inch hail in Moorcroft. The town of Moorcroft is located about 30 miles east of Gillette.									
Big Horn County, Manderson	19	1215MST			0	0	?	?	Hail (.50)	
	Half inch hail fell at Manderson. Damage to property and crops was not reported. Manderson is located about 18 miles north of Worland.									
Johnson County, Buffalo	19	1345MST			0	0	?	?	Hail (.50)	
	Half inch hail dropped over Buffalo. Damage to property and crops could not be determined. The town of Buffalo is located about 35 miles south of Sheridan.									
Johnson County, Buffalo	19	1425MST			0	0	?	?	Hail (1.00)	
	One inch hail pumelled the area in and around Buffalo. Damages could not be effectively determined.									
Campbell County: Gillette	19	1545MST			0	0	0	?	Hail (.50)	
5S Gillette	19	1615MST			0	0	?	?	Hail (.75)	
7SW Gillette	19	1620MST			0	0	0	0	Funnel Cloud	
Crook County: 5NW Moorcroft	19	1730MST	0.2	8	0	0	0	0	Tornado (FO)	
Moorcroft	19	1731MST			0	0	?	?	Hail (2.00)	
	Severe thunderstorms developed over central Campbell County on the afternoon of May 19. Later these thunderstorms rambled northeast into southwest Crook County. These severe thunderstorms pelted Gillette with .50 inch to .75 inch hail. The sheriff's department reported a funnel cloud sighted about seven miles southwest of Gillette. Later reports indicated a tornado briefly touching down five miles northwest of Moorcroft. Also, large hail up to 2 inches in diameter pumelled the Moorcroft area. Damage could not be effectively determined.									
WYZ005 Northern Front Range	21	0500MST			0	0	0	0	Snow	
	A strong upper-level weather system moved over northern Wyoming on the evening of May 21. This weather system deposited 3 to 4 inches of snow over the Northern Range from Big Horn to Sheridan. The village of Big Horn is located about 10 miles south of Sheridan.									
Hot Springs County, 20NW Thermopolis	23	1215MST			0	0	0	0	Hail (1.00)	
	A severe thunderstorm moved north of Thermopolis and dropped 1-inch hail. However, no damage was reported from the storm.									
WYOMING										
Platte County, 4W Wheatland	23	1300MST			0	0	0	0	Funnel Cloud	
	The Wheatland Police Department reported a funnel cloud 4 miles west of Wheatland. This cloud quickly dissipated as it moved east.									
Johnson County, Sussex	23	1430MST			0	0	?	?	Hail (1.50)	
	A severe thunderstorm moved rapidly through southeast Johnson County on the afternoon of the 23rd. This storm produced a slashing hail storm about 15 miles long and 2 to 4 miles wide. Hail up to 1.50 inches pumelled 15 farms in the Sussex area. The town of Sussex is located about 60 miles north of Casper. A farmer in the Sussex area estimated the storm lasted only about 7 or 8 minutes. Hailstones piled up to a depth of 2 inches. Another farmer estimated crop damage in excess of \$200,000.									
Albany County	26	1235MST			0	0	0	0	Hail (.50)	
	Hail up to half inch in diameter accumulated to a depth of 2 inches in Laramie.									
Laramie County: 15W Cheyenne	26	1250MST			0	0	0	0	Hail (.50)	
5S Cheyenne	26	1325MST			0	0	0	0	Hail (.75)	
22E Cheyenne	26	1417MST			0	0	0	?	Hail (.50)	
6W Cheyenne	26	1428MST			0	0	0	0	Hail (.75)	
	A string of storms rumbled through southeast Wyoming on May 26 and produced areas of heavy rain, high winds, and hail. Numerous reports of .50 to .75 inch hail were noted over sections of Cheyenne. One of these storms moved over the area between Burns and Albin and pelted crops in the area for 20 minutes. Crop damage was to wheat, strawberries, flowers, and plants. Winds of over 50 mph blew 10 miles west of Cheyenne at about 1700MST.									
Crook County, 60 E Gillette	26	1500MST			0	0	0	?	Hail (.50)	
	A thunderstorm passed over the town of Sundance and deposited half inch hail over the area. The town of Sundance is located 60 miles east of Gillette.									
Johnson County, 6NW Kaycee	26	1500MST	0.1	15	0	0	0	0	Tornado (FO)	
	An investigator for Johnson County spotted a tornado that touched down briefly southeast of Mayoworth. No one was injured. Residents around Mayoworth did not experience any personal or property damages. Mayoworth is located about 11 miles north of Kaycee.									
Park County, 22NE Cody	26	1930MST			0	0	0	?	Hail (.50)	
	A thunderstorm developed north of Cody. It moved over Heart Mountain and Powell on the evening of the 26th. This storm pounded crops in the area with half inch hail. Crop damage was not easily assessed. The hail struck a widespread area around Powell. One farmer reported the hail came down so hard that the beet fields were completely bare after the storm ended.									
WYZ001 Northwest Mountains	27	1245MST			0	0	0	0	Snow	
	A spring snowstorm moved through northwest Wyoming and deposited 2 to 5 inches of snow. This spring storm closed a number of mountain passes. Five inches of snow was measured in Sylvan Pass near the East Entrance of Yellowstone National Park.									
Fremont County, 38NW Riverton	28	1230MST			0	0	0	0	Hail (.25)	
	A thunderstorm produced a deluge of quarter inch hail at the intersection of State Highway 26 and 287. This intersection is located near Diversion Dam about 38 miles northwest of Riverton. Hail was reported 4 to 5 inches deep in the Diversion Dam area. The hail covered an area 1 1/2 to 2 miles wide and created hazardous driving conditions.									
49 ALASKA, Northern ————— NO REPORT RECEIVED										
49 ALASKA, Southern										
Kuskokwim Valley	10-15				0	0	3	0	Flood	
	Ice jams which formed during the spring breakup of the Kuskokwim River caused minor to moderate flooding at the villages of Aniak, Red Devil, and Sleetmute.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1987

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM	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							KILLED	INJURED	PROPERTY	CROPS	
49 ALASKA, Southeastern ——— NONE REPORTED																			
50 HAWAII																			
Maui County and Hawaii County	5-6				0	0	6	0	Flash Flooding										
	Heavy rains over 24 to 48 hours and in excess of 10 inches in some areas drenched much of Maui and also portions of the Hamakua coast of Big Island. Extensive flash flooding occurred at Haiku and along the road to Hana, and around Walluku and Lahaina on west Maui, and near Honokaa on Hawaii. Also, minor flooding occurred on Hilo. Damage to public property was in excess of \$2 million and occurred mostly to roads, with part of this damage occurring from the rains of April 22nd and 26th.																		
Oahu	21	1930HST			0	0	0	0	Flash Flooding										
	Heavy thundershowers caused localized minor flooding along windward Oahu from Kaaawa to Punahoa.																		
51 PUERTO RICO																			
PR2017-025-021 Eastern Section	18 day & 19 night				0	0	5	0	Flash Flooding										
	A stationary upper level trough over Hispaniola produced heavy showers and thunderstorms over northeastern Puerto Rico with some rainfall intensities up to 4 inches in 3 hours. The towns of Rio Grande and Ceiba were the hardest hit with flooded roads, landslides, and several houses affected. A small creek overflowed into Las Vegas Urbanization in Ceiba with Street #5 flooding up to 5 feet into the homes. A small bridge on New Road #3 at the Navy Base entrance was destroyed. In Rio Grande, Barrio Carola, Barrio Palmer and Parcelas Villa Realidad had a total of 7 houses affected by flood waters.																		
52 VIRGIN ISLANDS ——— NONE REPORTED																			
53 PACIFIC ——— NONE REPORTED																			



STORM SUMMARY

MAY 1987

TYPE	ALABAMA	ARIZONA	ARKANSAS	CALIFORNIA	COLORADO	CONNECTICUT	DELAWARE	FLORIDA	GEORGIA	IDAHO	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA	MAINE	MARYLAND & DC	MASSACHUSETTS	MICHIGAN	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA	NEVADA	NEW HAMPSHIRE
TORNADOES																											
Number	1				3			5			1	3	13	6		1					1	4			6	5	
Days	1				3			5			1	1	7	3		1					1	3			3	3	
Deaths	1																										
Injuries																					8						
Property Damage	4				4			5			3	5	6	6		?				5	4				4		
Crop Damage													4			?									2		
HAIL																											
Deaths																											
Injuries																											
Property Damage	1		?		6			?		3	5		5	5	2	?					4	?		4	3		
Crop Damage		?	?		5			?			5	?	4	5		?						?			5		
THUNDERSTORM WINDS																											
Deaths											1																
Injuries											2																
Property Damage	2	4	4	5	3	3	4	?		?	6	1	6	6	5	3	?			4	5	5	5	5	5	5	
Crop Damage				?				?			5	?	5	3		?						?	?		3		
HIGH WINDS																											
Deaths																											
Injuries																											
Property Damage				?																							
Crop Damage				?	4																			2			
LIGHTNING																											
Deaths			2								3									1							
Injuries	2		3		4	3	2	1	4	3	3	2	5	5	4	4		2	14	4					5	2	
Property Damage			5		5				4	3	5	5	5	5	4	?		5	4	6	4	5	2		5	2	
Crop Damage																											
FLASH FLOODS																											
Deaths																											
Injuries																											
Property Damage	4		5							4	4	5	5	5											6	6	
Crop Damage								?			5	?	4									5			6	6	
FLOODS																											
Deaths																											
Injuries																											
Property Damage													3	7	5										4	5	3
Crop Damage													?	6	5									2	6		
HEAVY SNOWSTORMS AND BLIZZARDS @																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
ICE STORMS #																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
HURRICANES AND TROPICAL STORMS																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
ALL OTHERS																											
Deaths									1																		
Injuries																											
Property Damage																											
Crop Damage																										3	

SEE REFERENCE NOTES FOR STORM DAMAGE CATEGORIES

STORM SUMMARY

MAY 1987

TYPE	NEW JERSEY	NEW MEXICO	NEW YORK	NORTH CAROLINA	NORTH DAKOTA	OHIO	OKLAHOMA	OREGON	PENNSYLVANIA	RHODE ISLAND	SOUTH CAROLINA	SOUTH DAKOTA	TENNESSEE	TEXAS	UTAH	VERMONT	VIRGINIA	WASHINGTON	WEST VIRGINIA	WISCONSIN	WYOMING	ALASKA	HAWAII	PACIFIC	PUERTO RICO	VIRGIN ISLANDS	NATIONAL DEATHS & INJURY TOTALS	
TORNADOES																												
Number		7					5					4		54	1	1		1		1	4							
Days		5					5					3		12	1	1		1		1	3							
Deaths														30													31	
Injuries														124													132	
Property Damage			3				4							6	3	4												
Crop Damage			2				2							5														
HAIL																												
Deaths																												
Injuries														1													1	
Property Damage	?		4	?		5	5		?		5			6	1				?	4								
Crop Damage	?			?		?	?		?		4		3	6					?	?	5							
THUNDERSTORM WINDS																												
Deaths															1												3	
Injuries			2			1			1																		11	
Property Damage	?		6		5	6	5	5	4		4	4	4	5	1	4	4				5							
Crop Damage			5		?		?	?			3			?		4												
HIGH WINDS																												
Deaths																												
Injuries																												
Property Damage																												
Crop Damage																			4									
LIGHTNING																												
Deaths				1										2													16	
Injuries	2	2	4		4	4	2						2		2		1										66	
Property Damage			5	5	4		?		5		3		5		3		6				11							
Crop Damage			3				?													5								
FLASH FLOODS																												
Deaths														1													1	
Injuries														?													?	
Property Damage			3			6	?		5					8						4								
Crop Damage					5	5	?							8					?		5		6		5			
FLOODS																												
Deaths							2																				2	
Injuries																												
Property Damage		5																										
Crop Damage							7							7														
HEAVY SNOWSTORMS AND BLIZZARDS @																												
Deaths																												
Injuries																												
Property Damage																												
Crop Damage																												
ICE STORMS #																												
Deaths																												
Injuries																												
Property Damage																												
Crop Damage																												
HURRICANES AND TROPICAL STORMS																												
Deaths																												
Injuries																												
Property Damage																												
Crop Damage																												
ALL OTHERS																												
Deaths																											1	
Injuries																												
Property Damage																												
Crop Damage															1													

SEE REFERENCE NOTES FOR STORM DAMAGE CATEGORIES

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*

From J. Atmos. Sci., August 1981, p. 1517-1519



USCOMM-NOAA-ASHEVILLE, N.C. 1987-2075

National Oceanic and Atmospheric Administration
NATIONAL CLIMATIC DATA CENTER

World's Largest Weather Records Archive

WHY DO YOU NEED WEATHER DATA?



- *Litigation*
- *Insurance Claims*
- *Environmental Studies*
- *Engineering Projects*
- *University Research*
- *Personal Curiosity*



WHAT TYPE OF INFORMATION DO YOU NEED?



- *Station Records*
- *Monthly/Annual Summaries*
- *Long Term Climatic Studies*
- *Surface or Upper Air Charts*



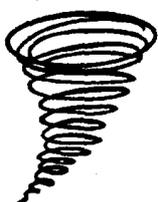
WHICH OUTPUT MEDIA IS BEST FOR YOU?



- *Publications*
- *Paper Copies*
- *Charts*
- *Microfiche/Microfilm*
- *Floppy Disk*
- *Computer Tape*



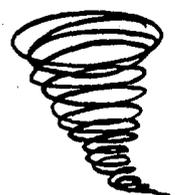
Call or write NCDC and explain your weather related problem.
Our meteorologists will provide the best possible solution.



NATIONAL CLIMATIC DATA CENTER

Federal Building, Asheville, N. C. 28801-2696

Phone (704) 259-0682 or (704)-CLIMATE



Association of State Floodplain Managers, Inc.
Presents

FLOODPLAIN

Note the Past
Tune the Future!

NASHVILLE
1988



12th ANNUAL CONFERENCE
MAY 16-19, 1988

VANDERBILT PLAZA HOTEL
NASHVILLE, TENNESSEE
Hosted by the Tennessee Valley Authority

HARMONY

Conference Director

Leslie A. Bond
Suite 1
221 East Camelback Road
Phoenix, AZ 85012
(602) 831-0192

Program Chair

William L. Trakimas
Division of Water
2475 Directors Row
Indianapolis, IN 46241
(317) 232-4178

Exhibits Chair

Sue Josheff
Natural Resources
Post Office Box 7921
Madison, WI 53707
(608) 266-2709

The Association of State Floodplain Managers (ASFP) is a national organization, and its goal is the reduction of flood hazards through sound floodplain management. Its members include representatives of local, State, and Federal government as well as those of the private and nonprofit communities. The Association sponsors an annual conference on the state-of-the-art in flood hazard reduction. Conference topics always span a broad spectrum of issues of interest to those involved in floodplain management.

The Federal Interagency Floodplain Management Task Force has commissioned a study of the status and effectiveness of the Nation's floodplain management activity to fulfill recommendations set forth in the document "A Unified National Program for Floodplain Management." Special emphasis is to be placed on the floodplain management tools contained in this document. A status report is now being prepared. The Task Force has requested the assistance of the ASFP in the second part of the study—an evaluation of the effectiveness of floodplain management measures—and the ASFP has agreed to devote a portion of its 1988 conference to this effort.

The following specific topics are presented to enhance the discussion and evaluation of the effectiveness of floodplain management efforts during the Association's 1988 conference.

- Efforts in analysis and management of special problem areas, e.g., alluvial fans, shifting streambeds, etc.
- Multiobjectives planning processes for the management of floodplains
- Effectiveness of floodplain management tools, whether individually or in tandem
- How the full range of benefits from nonstructural measures can be better identified and quantified
- How nonstructural measures can be made more attractive to local governments
- Examples of wise or beneficial uses of the floodplain
- Solving specific floodplain management problems through a combination of selective tools and strategies
- How we can increase the public official and individual decisionmaker's awareness of flood hazard areas and the understanding of flood risk

About the Conference

The technical conference will run Tuesday through Thursday, including a field trip in the Nashville area. The conference will revolve around the idea of floodplain partners working in harmony as we evaluate the status of the Nation's floodplain management activity. Attendees will be encouraged to share their views as we try to "tune the future" in floodplain management. The ASFP will conduct its committee and general membership meetings on Monday. All members and prospective members are invited and encouraged to participate. Wednesday afternoon is set aside for an interesting field trip culminating in a "catfish fry" that evening. Optional field trips and spouse activities are also being planned.

The conference will be staged at the beautiful **Vanderbilt Plaza Hotel** located on the west side of Nashville, across from Vanderbilt University. Conference room rates are \$65 single and \$79 double. Printers Alley, Music Row, Centennial Park, and Vanderbilt University are within easy walking distance of the hotel.

Registration Rates

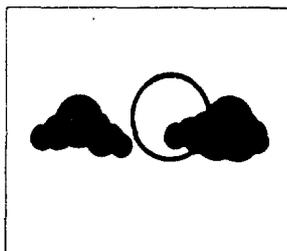
Registration prior to April 2, 1988, will be \$150 for members, \$165 for nonmembers, and \$65 for students and local government officials from the State of Tennessee.

Exhibit Space

Exhibit space will be made available for a fee to individuals or organizations who wish to display a product or service to attendees. Information on exhibit space can be acquired from Sue Josheff, Exhibits Chair, at the address below.

About Nashville

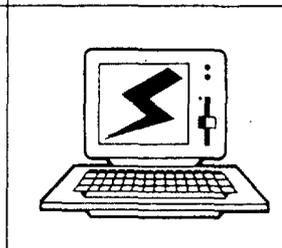
There is no better place to promote "floodplain harmony" than in Music City, USA. Located in the heart of Tennessee along the Cumberland River, Nashville's heart beats to music! May in Nashville provides visitors with pleasant temperatures, and the air is filled with the sounds of country. Within a short distance of the hotel is Opryland USA and the Grand Ole Opry—attractions you do not want to miss. Music brings you to Nashville, but it's the warmth and friendliness of the people you remember. Nashville loves company, come and see in 1988!



COMPUTATIONAL
HYDROLOGY
INSTITUTE

CHI

18021-J Sky Park Blvd., Suite 524
Irvine, CA 92714



COMPUTATIONAL HYDROLOGY 88

*Second International Symposium on Computational Methods
In Flood Control Hydrology & Hydraulics, Surface &
Subsurface Hydrology, and Water Resources Engineering*

San Diego, California
July 10 - 13, 1988

Chief among the concerns of environmental impacts are the effects of storm runoff on existing and urbanized watersheds. Such concerns as stormwater management, surface runoff pollution, and methods for hydraulic and hydrologic modeling are only a few of the many problems faced by today's private engineering concerns and public agencies. This international conference, COMPUTATIONAL HYDROLOGY 88, aims at providing a forum for presenting the latest innovative and applied computational methods in flood control hydrology and hydraulics, surface and subsurface hydrology, and water resources engineering.

Objectives

The major objective of COMPUTATIONAL HYDROLOGY 88 is the creation of a proper forum of discussion among managers, scientists, and engineers involved in the creation, development of application of computer software to hydrologic problems. COMPUTATIONAL HYDROLOGY 88 will present the most recent developments and practical implementations in the theoretical, numerical and applicable aspects of computer analysis, simulation modeling, control and forecasting for hydrologic applications. The conference aims at the establishment of a useful connection between originators of hydrologic software programs and their possible users, thus reducing the present large duplication of effort in software development.

Conference Chairmen

T.V. Hromadka, Ph.D., Ph.D., P.E.
California State University, Fullerton
Department of Mathematics
Fullerton, CA 92634

J.J. DeVries, Ph.D., P.E.
Associate Director,
Water Resources Center
University of California, Davis

R.H. McCuen, Ph.D., P.E.
University of Maryland
Department of Civil Engineering
College Park, MD 20742

H.H. Chang, Ph.D., P.E.
Department of Civil Engineering
San Diego State University, CA



ASSOCIATION OF STATE

FLOODPLAIN MANAGERS, INC.

TWELFTH ANNUAL CONFERENCE

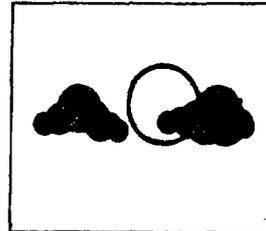
Hosted by the

Tennessee Valley Authority

VANDERBILT PLAZA HOTEL

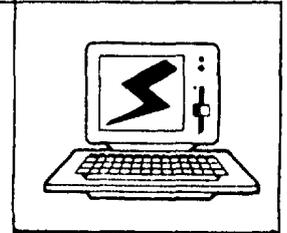
NASHVILLE, TENNESSEE

MAY 16-19, 1988



COMPUTATIONAL
HYDROLOGY
INSTITUTE

CHI



COMPUTATIONAL HYDROLOGY 88

*Second International Symposium on Computational Methods
in Flood Control Hydrology & Hydraulics, Surface &
Subsurface Hydrology, and Water Resources Engineering*

SAN DIEGO, CALIFORNIA

JULY 10-13, 1988

* FURTHER INFORMATION INSIDE *

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

**BULK RATE
POSTAGE & FEES PAID**
United States Department Of Commerce
NOAA Permit No. G - 19