

MARCH 1979

VOLUME 21

NUMBER 3

# 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 CENTER, ASHEVILLE, NORTH CAROLINA 28801."

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

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	
ALABAMA Mobile, Mobile County	3	8:25p	0.5	15	0	0	4	0	Tornado
Small tornado touched down briefly in Prichard area but remained at treetop level over most of its path with damage to trees, rooftops, and a drive-in movie screen.									
Statewide	2 - 4	Evening to morning			8	0	7	0	High Winds, rain and flooding
Frontal storm system produced high winds in thunderstorms, and heavy rain, with 4-6 inches of rainfall over most of state and 10-15 inches in southern Baldwin County. Scattered light to moderate property damage resulted from high winds while eight drownings and extensive property damage resulted from flash flooding of small streams and low areas, followed by later general flooding of major river systems.									
ALASKA Chugach Mountains and Anchorage area	10- 27						3	5	Heavy snow and Avalanches
Following over a month of cold, windy weather, south central Alaska, including Anchorage and the nearby Chugach Mountains, experienced a dramatic change toward southerly flow of warm, moist air from the Gulf of Alaska. Over 6 feet of snow fell in the Chugach Mountains by March 13, and avalanche activity began. Five people were caught in minor snow slides March 11; a cross country skier was caught and buried in a larger slide in the Winner Creek Basin March 13; there were minor injuries. Heavy snow began in earnest March 15 and ended March 19. Anchorage International Airport measured 26.9 inches in this period, making this the second greatest snowstorm on record in Anchorage (the largest: 35.7 inches, Dec. 26-30, 1955). Following the heavy snow, a tremendous outbreak of avalanches began, which lasted until March 27. A snow slide knocked a house in the hills near Eagle River from its foundation and demolished it. A series of very large snow slides March 20-27 closed the Seward Highway between south Anchorage and Portage. On-scene observers noted that these avalanches uprooted 200-year-old trees, and old-timers noted it was the most severe outbreak of avalanches on record in the area. During the heavy snow around Anchorage, there were numerous local power outages due to the weight of snow on trees and transmission lines.									
ARIZONA Winkup Mohave County	14	1:30 p.	1/2	50	0	3	4	0	Tornado
A small tornado moved through this small community from west to east. It overturned a trailer in a trailer court and tipped over a travel trailer attached to a parked truck trapping three persons inside who received minor injuries. Total damage \$5,000.									
Phoenix Maricopa County	28	6:30 p.				0	6	7	Thunderstorms, Wind, Funnel Clouds
Between 5 and 7:00 p. a small line with severe thunderstorms passed through the Phoenix metropolitan area. At approximately 6:30 p. localized severe damage was incurred along a line running southwest to northeast from near the Black Canyon Freeway and Thomas Road to beyond 32nd Street and Shea Boulevard in the Paradise Valley area. Many businesses and homes were either destroyed or heavily damaged. No deaths occurred and only minor injuries were reported. Damage estimated at about \$5,000,000.									
Funnel clouds were observed and some related minor rotational winds were apparently involved in the disaster. However, there was no confirmed sighting of a tornado on the ground, nor was there any clear evidence of tornado damage. Therefore, it was felt that the primary damage was done by a microburst about 200 yards wide moving to the northeast for about three miles. Structural damage to large roofs that collapsed indicated downward forces.									
The strength of the squall line was much more intense over the northern sections of the metropolitan area as evidenced by recorded winds of 80 to 85 mph winds in that area while Phoenix Sky Harbor International Airport in the southern section recorded a peak gust of only 43 mph.									
ARKANSAS Near Ashdown - Little River County	19	10:00 p.							Funnel Cloud
A funnel cloud was reported by the public. No direction of movement was given.									
Just Northeast of Jonesboro - Craighead County	23	11:40 a.							Funnel Cloud
A funnel cloud was reported moving toward the northeast by the Jonesboro police. This was a cold air funnel produced by extremely cold air aloft.									
Near Lockesburg - Sevier County	30	12:50 a.							Funnel Cloud
A funnel cloud was reported by the public. No direction of movement was given.									
CALIFORNIA NORTHERN & CENTRAL Selma, Fresno Co.	14	1650	2+	Unk	0	0	4	0	Tornado - Thunder Rain & Hail
A tornado formed just south of Fowler near old highway 99. It proceeded southward across the Jacobsen trailer plant all but touching ground over the Wick's Lumber Company and continued almost due south down Temperance Avenue. Just south of Winuba Avenue, it rapidly dissipated. It was photographed several times from several locations. Six to Ten people verified the track of the tornado.									
CALIFORNIA SOUTHERN									NONE REPORTED
COLORADO Front Range and foothills	18	All day			0	0	?	0	Heavy snow
Heavy snow fell in the northeastern foothills, with amounts of 20 to 30 inches common NW of Fort Collins; 4 to 12 inches fell in Front Range cities from Denver northward, accompanied by strong winds. Several major highways just south of the Wyoming border were closed for a time, including Interstate 25.									
Northeastern Plains	22	All day			0	0	5	0	Heavy snow, wind
Near blizzard conditions paralyzed the northeastern quarter of Colorado. Strong winds and drifting snow closed many roads, including parts of Interstates 25 and 70. Many power outages occurred NE of Colorado Springs when heavy ice downed lines and about 300 power poles. About 6000 rural residents were left without electricity for a time. Scattered power outages also blackened sections of Denver and Pueblo. Snow accumulations ranged from 4 to 12 inches on the plains, with drifts several feet deep in many places. Very heavy snow also fell in the mountains; Purgatory ski area in the southwestern part of the state received 70 inches in three days from the storm.									
Parker	29	1715	0.2	20	0	0	0	0	Tornado
Tornado touched down 4 miles SW of Parker reported by a pilot.									
Englewood	30	1315			0	0	0	0	Funnel cloud
Funnel cloud reported by the public near Englewood.									
CONNECTICUT									NONE REPORTED
DELAWARE									NONE REPORTED
FLORIDA Escambia County	3	6:39am CST			0	0	0	0	Wind
Wind gusts of 65 mph were recorded at the Pensacola Naval Air Station as a thunderstorm moved over the field.									
Escambia County	3	8:50am CST	2/10	30	0	0	4	0	Tornado
A small tornado damaged the roofs of a few buildings at the Pensacola Naval Air Station, destroyed a construction trailer, and uprooted a number of trees.									
Escambia, Santa Rosa, Counties	3	9:55am CST	6	30	0	0	5	0	Tornado
A tornado dipped onto Pensacola Beach on Santa Rosa Island, tearing the roof from the Del Ray Motel and damaging a condominium under construction. The Sand Piper Motel also was damaged and estimated \$50,000. The tornado skipped across Santa Rosa Sound and unroofed a residence on Highway 98 near Gulf Breeze in extreme southern Santa Rosa County.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>FLORIDA (continued)</b> Escambia, Santa Rosa, Okaloosa Counties	3				0	0	7	5	Rain
<p>Torrential rain that began late on March 2nd and continued into the afternoon of March 3rd flooded portions of the Western Florida Panhandle and caused damage in Escambia and Santa Rosa counties in excess of 15 million dollars. Okaloosa County sustained relatively minor damage.</p> <p>The worst damage from the rain-spawned flood waters occurred in the Pensacola-Gulf Breeze-Milton area. Over 5000 people were forced to evacuate their homes.</p> <p>National Weather Service rain gages at the Pensacola Airport accumulated 10.91 inches of rain in 15 hours, and the Pensacola Naval Air Station recorded 14.01 inches.</p> <p>Flooding was severe in the area just south of downtown Pensacola, where high water entered many houses. The Warrington Village Shopping Center, a retail complex on Navy Boulevard, was severely damaged by the flood waters. Some retail stores in this complex had almost total loss of inventory.</p> <p>Roads, highways, bridges and sewer systems were extensively damaged especially in southern Escambia County.</p> <p>According to estimates made by state and local officials, commercial property damage in Escambia and Santa Rosa counties exceeded 10 million dollars. Personal property damage, including homes and private vehicles, exceeded 5 million dollars.</p> <p>Estimates of damage to public property in Escambia County included \$2,540,000 to public vehicles and buildings; \$2,270,000 to roads and bridges; and \$124,000 to city utilities. Damage to public property in Santa Rosa County, though substantial, was considerably less.</p> <p>Damage to crops and farmland was estimated at \$53,000 mainly to crops already in the ground.</p> <p>Eleven inches of rain in northern Okaloosa County produced only minor damage, mainly to roads and highways.</p>									
St. Lucie County	22	12:45pm EST			0	0	0	0	Waterspouts
<p>The Coast Guard reported 3 waterspouts 15 miles east of the St. Lucie Inlet.</p>									
Zephyrhills, Pasco County	23	1:28pm EST	3.5	30	0	6	5	0	Tornado
<p>The fourth tornado to hit eastern Pasco County since Dec. 1, 1978 smashed a gymnasium construction site on the campus of the Zephyrhills High School but skipped over the High School building containing 800 students. Four workers at the construction site received minor injuries, and two women at a nearby mobile home park were slightly injured.</p> <p>The tornado skipped along a 3.5 mile path. It initially touched down at Winters Mobile Home Park on State Road 54 in West Zephyrhills, skipped along a north-by-northeast path to the high school, then damaged a service station at Wide Road and SR 54, damaged several trailers at the Sleepy Hollow Trailer Park, and a residence on Otis Allen Road. Massive oak trees were uprooted along the twister's path.</p>									
<b>GEORGIA</b> Northwest GA	3-4	late night and morn.			1	1	7	6	Flooding
<p>Severe flooding struck NW Georgia. Hardest hit were Floyd (Rome), Polk (Cedartown) and Gilmer counties, which were declared disaster areas by the President.</p> <p>Big Cedar Creek in Cedartown reached a record crest of 22 feet, and about 200 families were evacuated. Rome suffered extensive damage to businesses near the Etowah and Oconaula Rivers.</p> <p>One man drowned in Hartow County on the 4th at 5 PM when he fell from a boat into the swollen creek. The rain had ended several hours earlier.</p>									
Gainesville, Hall County	23	530p	1.5	200	0	0	5	0	Waterspout, Tornado
<p>A waterspout formed on Lake Lanier and moved northeastward. After it moved onshore, it struck the Sunset Heights Section just north of Gainesville.</p> <p>Most damage was at tree top level, but there was some damage to homes and utilities. Many residents saw the tornado and heard the roaring sound.</p>									
Habersham County	23	620p	11	60	0	1	5	0	Tornado
<p>A mini-tornado skipped along from Clarksville to Hollywood. A couple of mobile homes and chicken houses were destroyed. Half 1" in diameter was observed with this storm.</p>									
<b>HAWAII</b>									
West of Ilio Pt, Molokai	5	6:26a							2 funnel clouds
Off Laau Pt, Molokai	5	7:25a							funnel cloud
Pulehi Beach, Molokai	11	11:40a					2		rough surf
<p>Two middle-aged women tourists drowned swimming in rough surf off Sheraton Molokai Hotel beach.</p>									
Off Hanakapiai, Kauai	15	?					1		rough surf
<p>Young male swimmer swept out to sea.</p>									
Off Hanakapiai, Kauai	17	6p					1		rough surf
<p>Middle-aged male swimmer drowned while swimming in rough surf. Male companion could not rescue victim as he was hurled against rocky cliffs by waves before being swept out to sea.</p>									
North Shore, Oahu	19	5p					1		rough surf
<p>Young male swimming back to shore through 8-10-foot shore break was smashed by wave into sand in shallow water and apparently drowned. Body rolled around in surf for about 10 minutes before washed ashore.</p>									
Sunset Beach, Oahu	21	about 5p					1		rough surf
<p>Young woman surfer fell off surfboard while riding 10-foot surf and apparently drowned about 40 yards from shore. She may have been struck on head by surfboard after falling off.</p>									
4 mi. west of Maile, Oahu	26	5:00p-5:08p							waterspout
<b>IDAHO</b>									NONE REPORTED
<b>ILLINOIS</b>									
Cahokia, St. Clair County	23	12:30am			0	0	4	0	Windstorm
<p>Winds accompanying a thunderstorm knocked down trees, power lines, and damaged a number of homes. The storm began in St. Louis County in Missouri, and crossed the Mississippi River into Illinois.</p>									
Kewanee, Henry County	30	1:50pm	1.0	70	0	0	4	0	Tornado
<p>A small tornado touched down in the southwest part of Kewanee, just east of the local airport. Most of the damage was to the Weathersfield High School, where the brief fierce winds ripped off a portion of the roof and broke several large windows. Several trees fell, utility sheds were toppled, and some houses in about a 12-block path received minor damage to windows, shingles and gutters.</p>									
St. Charles, Kane County	30	?			0	2	4	0	Windstorm
<p>For the second time in 2 months, the roof of the Hines Lumber Company building at West Main Street and Randall Road collapsed. Two workmen were injured. They were atop a roof truss when strong winds caused the support to sway and then fall to the ground. Heavy snows had caused the same roof to fall in January. The extra-strong trusses were being put into place in order to forestall another roof cave-in from the weight of snow.</p>									
Entire State	4-31				0	0	7	?	Floods
<p>Virtually every major stream in the state was at or above flood stage most of the month. Some rivers exceeded record flood stages. A combination of rapidly melting heavy snowpack and occasional moderate to heavy rains kept rivers high. Ice jams on the Mankake and Rock rivers early in the month caused levels to rise even higher in the northern part of the state. It was estimated that 3200 Illinois families suffered property losses from the flood waters. Thirtyone counties in the state were declared disaster areas by the governor. Some of the greatest damage was in the Cook County Chicago suburb of McCook, where a broken levee released the waters of the Des Plaines River into an industrial park. The result was an estimated \$18-20 million loss of industrial equipment on March 5.</p>									
<b>INDIANA</b>									
Northwest Indiana	3	1150 PM			0	0	?	?	Heavy rains and snowmelt
<p>Heavy rains and snowmelt resulted in flooding along the Wabash River. Large amounts of water were reported spilling over Oakdale Dam in Tippecanoe County on the Tippecanoe River. Roads and homes were flooded.</p>									
Daviess County	4				1	0	?	?	Flooding
<p>Lowland flooding closed many roads. One death resulted when a car stalled in high water and the occupant was swept away by flood waters.</p>									
Bartholomew County	29	1045 AM			0	0	?	?	Straight line winds
<p>Straight line winds blew trees down and blew the roof off an athletic building in Columbus, IN.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

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									NO REPORT RECEIVED
KANSAS Montgomery County	18	9:30 a					5	0	Wind
									Thunderstorms moving east produced gusty winds to over 50 mph causing damage to farm buildings and utility lines. A mobile home was overturned and destroyed north of Coffeyville.
Marshall County	18	8:45 p	5	150	0	0	5	0	Tornado
									Tornado touched down about 3 miles north of Herkimer and skipped along a winding path east-northeast for 5 miles touching down 30 percent of the time. Damage was to farm houses and buildings. Windmills and utility lines were destroyed. Hail up to 1 inch in diameter covered the ground along the east end of the path.
North and Central sections	22-23	11:00 a-6:00 p					6	0	Snow, wind
									Low pressure moving east across Kansas was followed by heavy, wet snow and winds gusting from 40 to over 50 mph. 3 to 7 inches of snow accumulated in central and north portions by afternoon of the 23rd. Highways were closed for several hours at a time due to blowing and drifting snow. The combination of wet snow and strong winds caused utility poles to break and lines collapse. Extensive damage occurred in central and northern sections of the state. Power was not restored in some rural areas for a week. Some young livestock was lost due to the cold and wet conditions.
Brown and Doniphan Counties	29	5:30 p	4-1/2	50	0	0	3	0	Tornado
									A funnel cloud observed east of Horton touched down about 5:30 p.m. 6 miles northeast of Everest and was on the ground 30 percent of the time before lifting a mile east of Leona. Minor damage was to fences, barns, and livestock.
KENTUCKY WARREN CY	4	7:30 PM CST					5		SVR TSTM
									High winds of 60 mph or more sank 9 houseboats at the Peninsula Marina near Bowling Green.
GREEN TAYLOR METCALFE ADAIR WASHINGTON Counties	4	Evening					5		SVR TSTM
									High winds associated with a severe thunderstorm damaged many farm buildings and at least one home.
CALLOWAY	23	5 AM CST	1 1/2	80	0	2	5		Tornado
									A tornado touched down at the intersection of 1836 and 4th near BACKUSBURG and then moved northeastward. A brick house, 2 frame houses and numerous sheds were heavily damaged. Two people were cut by flying glass.
BARREN CY	31	4:30 PM CST	8	100	1	19	6	0	Tornado
									A tornado touched down 3 miles SE of the intersection of 165 and the Cumberland Parkway and moved ENE at 25 mph. A child was killed when a store he was in was leveled by the tornado. Two mobile homes, 2 cars, and 10 barns were destroyed.
LOUISIANA St. Helena Parish	2	Evening	0	0	0	0	?	0	Heavy Rain
									Heavy rain collecting on roof of parish courthouse in Greensburg broke roof supports from weight of water causing considerable damage to interior from water getting inside building.
Livingston Parish	2	Evening	?	?	0	0	?	?	Windstorm
									Large hay barn near Holden destroyed by severe thunderstorm.
Tangipahoa Parish	2	Evening	0	0	0	0	5	0	Lightning
									Lightning from thunderstorm struck home in Amite burning it to ground.
St. Martin Parish	2	Afternoon	?	?	0	0	?	?	Windstorm
									Three house trailers destroyed by severe thunderstorm in small community of Cypress Island.
East Baton Rouge Parish	2	8:00 PM	?	?	0	0	5	0	Tornado
									Small tornado touched down east of Baton Rouge damaging elementary school, destroying camper and knocking down several power lines.
Caddo Parish	2	1:00 PM	0	0	0	0	?	?	Hail Storm
									Hail size of a half dollar reported in Shreveport during thunderstorm.
Livingston Parish	2	Evening	?	?	0	0	?	0	Hail Storm
									Hail reported as golf ball size in towns of Watson and Denham Springs.
Caddo Parish	2	8:30 PM	0	0	0	1	5	0	Lightning
									Home in Vivian destroyed by lightning strike. Man attempting to save possessions.

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		
LOUISIANA (continued) St. Landry Parish	14	Afternoon	?	?	0	0	5	0	Windstorm	
									Severe thunderstorm moved through Eunice knocking down antennas, blowing out windows in cars and businesses and blew doors off hangar at local airport.	
Morehouse Parish	31	4:00 AM	Short	?	0	0	5	0	Tornado	
									Small tornado touched down near Bastrop destroying two storage sheds considerable roof damage and damaging boat and motor.	
MAINE									NONE REPORTED	
MARYLAND & D.C. Allegany and Garrett Counties	14-15						0	0	0	Snow, Wind
									Combination of 2 to 3 inches of snow and gusty winds resulted in drifting and difficult driving conditions for a time, during the night of the 14th and into early morning of the 15th.	
MASSACHUSETTS Franklin County	6	all day			0	0	4	0	Heavy rain, flooding	
									Basements were flooded as heavy rain and snow melt sent flood waters into many counties.	
Hudson	29	7 PM			0	1	3	0	Lightning	
									Lightning struck two houses causing a fire in the attic of one and a destroyed gas meter in another. A man was slightly wounded by electrical discharge as lightning struck.	
MICHIGAN 5 SW Whitehall, Muskegon county.	30	5:15 PM							Funnel Cloud	
									Reported by public near Lake Michigan Shore to Coast Guard. Radar indicated cloud tops in area 16-17 thousand feet.	
4 NE Hudson, Lenawee county.	30	7:00 PM							Funnel Cloud	
									Sighted and followed by sheriff's deputy. No significant radar echoes in area.	
MINNESOTA Southern Minnesota	1-4				1	0	6	0	Winter Storm	
									At Noon 3/1/79 low pressure began to deepen over Wyoming and Colorado with freezing drizzle and snow eastward into the Dakotas and West Minnesota. By Noon 3/2/79, the low system extended from a Colorado Center northeastward into Northwest Minnesota as an inverted trough, with rain widespread over South Minnesota and snow and freezing drizzle in the North. As the Minnesota trough advanced eastward across the State during the next 24-hours, shifting north winds with gusts to 70 mph were reported. By Noon 3/3/79, the center reached Missouri, with the trough northeastward over Wisconsin to Lake Superior. Snow and northerly winds continued over much of Minnesota with clearing in the Northwest. By daybreak Sunday 3/4/79, the low reached Lake Michigan with snow and blowing snow gradually diminishing during day. Some considered it the worst storm of the winter - others said it was the worst winter storm in 14 years. This late winter storm turned to near blizzard conditions as north winds increased on 3/3/79. Snow amounts varied and were estimated at 4 to 12 inches across the area; 13 to 14 inches fell in Palmont, and Spirit Lake reported 14 inches. High winds accompanying heavy snow caused severe drifting with travel impossible. Roads blocked by 10 to 14 foot drifts. Hundreds of travelers stranded in Southern Minnesota. In early stages of storm, rain turning to ice was the cause of many traffic accidents. Many Sunday church services cancelled and numerous school and civic events postponed. Only minor injuries reported, but an Albert Lea man suffered a heart attack and died after attempting to walk for help after his truck stalled. Scattered power outages reported in Rochester due to ice on power lines.	
Southern Minnesota	14				3	24	5	0	Wind & Glaze	
									Highways glazed by snow and strong winds and near blizzard conditions triggered many accidents in Southern Minnesota. These included a 7-vehicle pile-up that killed a truck driver, and another 19-vehicle accidents in which a 60 year-old man was killed. A woman was killed in a head-on collision six miles north of Long Prairie. Numerous accidents in addition included a 7-vehicle crash near Marlato; a 4-car accident near Zimmerman; a school bus and car collision near Princeton; a 5-car pile-up near Oakland; and many other of the fender bender variety. Injuries from the many two-car and multiple-vehicle accidents numbered approximately two dozen.	

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MISSISSIPPI Jackson County	3	9:50 AM			1				Thunderstorms, lightning.
	A seventeen-year old male was injured when struck by lightning at Vanleaves. He was admitted to a hospital and his condition was listed as stable.								
East central and southeastern MS	2-4					7			Heavy rains, flooding.
	Rainfall amounts of 4 to 8 1/2 inches fell in about a 48-hour period in the headwater area of the Pascagoula River system and southward along the Chunky, Leaf and Chickasaway Rivers to within a short distance of the coast. As the surge of water moved down these rivers, many towns and cities were inundated. Major flooding occurred at Laurel, Hattiesburg and Meridian. Also at Enterprise, Shubuta and Waynesboro on the Chickasaway River. At Enterprise, the flooding was second only to the record flood of February, 1961. The main damage was to roads, bridges, buildings and their contents and automobiles.								
MISSOURI Northeast Missouri	8 & 9	pm 8th, am 9th	?	?	0	0	4	0	Heavy Snow
	An estimated 1500 northeast Missouri residents in rural areas served by Tri-County Electric Company were without power most of the 9th as a result of snowfall of around 6 inches that fell during the night of the 8th and early morning of the 9th. The combination of snow-laden limbs falling on power lines and bouncing wires was responsible for the electrical outages. Officials of the Kirksville Fire Department said the snow was also partly responsible for a fire at an oil storage building in Kirksville when a 4000-volt power line broke under the weight of the snow and touched the metal storage building, sending dangerous voltage throughout the structure. The storage building received considerable fire damage.								
Parts of West and Southern Missouri	22	pm	?	?	0	1	4	0	Wind
	An intense Spring storm and accompanying cold front caused thunderstorms in Missouri, some with damaging winds. In Thayer, Oregon county, wind tore apart a metal hangar at the Thayer Memorial Airport, destroying one of the planes inside and damaging three others. One person was injured in Charleston, Mississippi county, where strong winds overturned a mobile home. In Hickory county, a farm building east of Preston was overturned and dropped on its roof, but the contents were left undisturbed. In Richmond, Ray county, a small storage shed was destroyed, and a camper shell was picked up by the wind and blown 300 yards, taking out an electrical line en route.								
Wade County	29	5:45 pm	8	150	0	4	5	0	Tornado
	A tornado first spotted near Burlington Junction moved northeastward between Elmo and Clearmont and destroyed most of Braddyville, Iowa. It passed within a half-mile of Elmo, destroying farm homes and outbuildings. A bridge south of Elmo and west of Clearmont was destroyed and livestock killed. Four persons were hospitalized for abrasions and bruises when the tornado destroyed the house they were in near Elmo.								
Cass County	30	6 pm	?	?	0	0	4	0	Severe Thunderstorm
	Thunderstorms accompanied by large hail and high winds caused scattered property damage in some areas of Cass county. Several barns and farm buildings in the Iprexel area were destroyed. In Harrisonville, hail approaching the size of golf balls pounded the area briefly but long enough to damage numerous cars and shatter windows. At least one local car dealer posted signs reducing prices on hail-damaged cars, and some insurance agents reported claims filed by individual car owners. Heavy damage was reported at the greenhouse owned by R. H. Ferguson Florist. More than 100 panes of glass were shattered, the falling glass landing on flowers and plants inside.								
MONTANA	NONE REPORTED								
NEBRASKA South Central, East Central and Northeast Nebraska	3	Early Morning to Early Evening			0	0	4	0	Heavy Snow Blizzard
	Heavy snow fell in an area west of a line from Plattsburgh to Beatrice and east of a line from Niobrara to Hildred. The heaviest hit area was a 50 mile wide band from Grand Island through Norfolk, where winds gusting to around 45 m.p.h. reduced visibilities to a quarter of a mile or less in blowing snow and created 4 to 6 foot drifts, closing roads. Drifts 12 to 16 feet were reported around Wayne, Pilger and Howells. Freezing rain preceded the snow over the area. Some reported snowfalls are Grand Island and Wakefield 10 inches, Norfolk 9 inches, Wayne and West Point 8 inches, Kearney, Omaha and Schuyler 6 inches, and Lincoln 4 inches.								
Nuckolls County	17	4 PM			0	0	3	0	Lightning
	Lightning strikes put 30 to 50 telephone lines out of order along with damaging electrical lines and appliances in a number of homes.								
Johnson County	17	9:20 PM			0	0	3	0	Lightning
	Lightning struck and set fire to a home in Tecumseh. Utility lines also were damaged.								
NEBRASKA (continued)									
Western and North Central Nebraska	18	Early Morning to Afternoon			0	0	1	0	Heavy Snow
	Heavy snow fell west of a line from Ainsworth to McCook. Heaviest snow occurred across the southern Panhandle, where Harrisburg reported 21 inches and Redington 18 inches. Other snowfalls included 12 inches at Kimball, 9 inches at Sidney, 5 inches at Bridgeport and 4 inches at North Platte and Valentine.								
Gage County	18	7 PM			0	0	2	0	Damaging Winds
	Strong winds in a thunderstorm ripped the roof from a hog finishing house south of Wymore.								
Panhandle of Nebraska	21-22	Late Evening to Early Afternoon			0	0	1	0	Heavy Snow
	Heavy snow fell over the Panhandle with 35 m.p.h. winds causing some drifting. Reported snowfalls: Lodgepole 10 inches, Hemingford and Dalton 6 inches and Sidney 4 inches.								
Eastern Nebraska	23	Morning			0	0	4	0	Damaging Winds
	Winds gusted to 55 m.p.h. over the area. Reported damage included trees and utility lines downed in Omaha, roofs damaged in Lincoln, and farm sheds damaged at West Point.								
Madison County	29	4 PM			0	0	1	0	Hail
	One and a half inch hail fell 4 miles west of Norfolk causing minor damage.								
Washington County	29	5:15 PM			0	0	1	0	Hail
	One and a half inch hail fell just southwest of Herman causing minor damage.								
NEVADA	NO REPORT RECEIVED								
NEW HAMPSHIRE North Stratford, Coos County	6-7				0	0	6	0	Heavy rain, flooding
	Mild temperatures, snowmelt, ice jams, and heavy rains brought widespread flooding to the state. Hardest hit was North Stratford. An ice jam on the Connecticut River forced 105 families to evacuate on the morning of the 7th. Water was 7 feet deep in town with preliminary damage estimated at 1 million.								
NEW JERSEY	NONE REPORTED								
NEW MEXICO	NONE REPORTED								
NEW YORK COASTAL	NONE REPORTED								
NEW YORK CENTRAL FULTON COUNTY	5				0	0	5		ICE JAM FLOODING
	ICE AND WATER FROM THE EAST CANADA CREEK IN THE TOWNS OF STRAFFORD AND BOLGEVILLE CAUSED CONSIDERABLE DAMAGE TO HOMES IN THE AREA. A TOWN BRIDGE WAS ALSO DAMAGED FROM THE ICE FLOW. SEVERAL STORES AND STORAGE BUILDINGS ALSO SUSTAINED DAMAGE AND A LOSS OF THE CONTENTS. THE MAJOR DAMAGE OCCURRED WHEN THE LARGE CHUNKS OF ICE WERE PUSHED OUT OF THE CREEK AND INTO THE BUILDINGS.								
NEW YORK WESTERN Western New York, Genesee and Wayne County									
	Rainfall and prolonged above freezing temperatures melted the snowpack and caused ice jam flooding in small streams. Many roads were inundated. Ice and water entered houses. There were numerous closings of schools, factories and of roads. The most significant damage occurred on properties along Ganaruga Creek in Wayne County and at Sunset Bay Area in Chautauque County.								
Wayne County: Towns of Newark, Macedon, Palmyra and Lyons	3/5						\$1,000,000		Ice-jam flooding
Chautauque County: Sunset Bay area	3/5						\$1,000,000		
Genesee and Erie County: Properties along Buffalo Creek, Ellicott Creek, Tonawanda Creek	3/5						\$400,000 50,000 1,257,000		Ice-jam flooding
Cattaraugus County: Properties along Cattaraugus Creek	3/5						\$210,000		

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH CAROLINA</b>									
Pasquotank County	14	3pm	-	-	-	-	-	-	Storm
Strong gusty winds damaged trees, knocked down a radio antenna and collapsed a grain storage bin in the Elizabeth City area. The Flight Service Station recorded gusts to 58 knots. Damage up to \$500,000.									
Robeson County	23	11:40pm	5	100	0	9	5	3	Tornado
A tornado moved northeast thru several small communities south east of Lumberton, Broad Ridge, Long Branch and Live Oak were hardest hit. Several mobile homes and other out building were demolished. Several regular houses, frame and brick were partially damaged. About 15 acres of mature pine was ripped up by the roots or snapped off. Damage over \$300,000. Nine people were injured of which three were hospitalized.									
Brunswick County	24	2:40am	1.5	50	0	0	5	3	Wind
Strong wind hit the Southfort-Oak Island area damaging buildings, houses, trees and along the coast some bulkheads. Roof damage in some areas was extensive. Total damage near 1/2 million dollars. Winds reached 70 mph in gusts.									
New Hanover County	24	3:10am	-	-	0	0	5	-	Wind
Strong winds hit the Wilmington airport damaging hangars and several airplanes. Winds gusts to 70 mph. Damage was about \$130,000.									
<b>NORTH DAKOTA</b>									
North and West	7-8				0	0	0	0	Freezing rain
A combination of freezing rain and blowing snow made driving very difficult. Numerous accidents occurred because of icy roads and poor visibilities; and some motorists became stranded.									
Statewide	12-13				0	0	2	0	Windstorm
Winds over 60 mph raked the state. Because of poor visibilities caused by blowing snow, some rural schools cancelled classes, and some motorists became stranded. In Watford City (McKenzie County) the high winds snapped TV antennas, blew out a plate glass window, and blew down an advertising sign.									
Central and East	18-19				0	0	5	0	Winter Storm
Over 7 inches of heavy wet snow, freezing rain and strong winds snapped power and phone lines, disrupted air service, and made driving hazardous. Motorists became stranded, schools were closed, and social events were cancelled. Thousands of homes were without power for up to two days in the central and northeast portions of the state. The roof of a bar in Fessenden (Wells County) collapsed under the weight of the heavy snow.									
North	27-28				0	0	0	0	Heavy Snow
Up to 6 inches of snow fell across the northern parts of the state causing the closure of many schools.									
<b>OHIO</b>									
<b>OKLAHOMA</b>									
Alfalfa County	18	5:00a			0	1	4	0	Windstorm
A mobile home was overturned at Coltry; injuring one woman. A large barn and storage building were also destroyed. Minor damage also occurred at Jet around 5:40a.									
Near Medford, Grant County	18	6:00a			0	0	3	0	Windstorm
Strong winds destroyed an empty wood granary about 6 miles northeast of Medford and a metal building 2 1/2 miles north of Medford.									
Blackwell, Kay County	18	6:30a			0	1	3	0	Windstorm
A "roll" cloud moved through the eastern part of Blackwell; producing winds to 65 mph. The horizontal cloud was accompanied by a rumble as it moved from the south southwest to the northeast. It cut a path from street to the East river bridge; damaging small buildings and uprooting trees. A young girl was injured when debris fell upon her.									
Near Newkirk, Kay County	18	7:00a	short	narrow	0	0	4	0	Tornado
Tornado destroyed a mobile home and bent the undercarriage. Damage also occurred to small farm buildings and trees.									
Near Copan, Washington County to Wann, Nowata County	18	9:00a	5	30	0	0	4	0	Tornado
Tornado traveled on a northeast path from Copan to Wann. Destroyed at Wann. Pieces of wood were driven into a nearby brick house. A five foot two-by-four went through a brick wall and into a bedroom. Some chunks of wood were buried to deep, into the ground, that they could not be removed. Heavy rain accompanied the 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	
<b>OKLAHOMA (continued)</b>									
Tulsa, Tulsa County, Catoosa, Rogers Co.	18	1:10p	1 1/2	33	0	0	5	0	Tornado
The tornado hit near Tulsa's Indian Hills housing development then hopped along Admiral Street and moved into southwest Catoosa. Heaviest damage was along Admiral St. near 184th East Ave. The storm heavily damaged a business, demolished a duplex, and caused moderate damage to 11 homes and a golf course. Heavy rain and hail accompanied the storm. A loud roar was reported by persons in the area as well as a black cloud moving tornado-like up and down out of the back corner of the thunderstorm which moved from southwest to northeast.									
Hugo, Messer, Choctaw County	19	5:05p	8	30	0	0	3	0	Tornado
Tornado touched down west of Hugo and traveled along an intermittent path to Messer. At Hugo, damage occurred to a drive-in theater, livestock barn, and railroad car repair building. A loud roar was heard by the Civil Defense Director as he observed the tornado from near Lake Hugo.									
Carnegie, Caddo Co.	22	1:25a			0	0	4	0	Windstorm
High winds blew the top off a mobile home. Three persons were inside at the time, but received no injuries.									
Near Castle, Okfuskee County	29	1:20p	2	30	0	0	4	0	Tornado
Tornado touched down about 6 miles east of Okemah near the Five Star ranch. Moving northeast, it damaged a barn on the Kanawyer ranch on Highway 48 southwest of Castle. It then damaged a house, garage, barn and trees at Castle before dissipating northeast of the town.									
McCurtaïn County	29-30	late night early morning			0	0	4	0	Heavy rain, Flooding
Over 3 inches of rain fell on the County with 3.70 inches reported at Carnassaw Mountain. Area rivers and creeks reached or exceeded flood stage. Idabel received 3.28 inches where numerous streets were flooded. Water, from Mud Creek, covered the bridge on Southwest Quincey in Idabel.									
Northwest of Clinton Custer County	31	10:15p.			0	1	4	0	Windstorm
Winds destroyed a mobile home about 2 miles north and 3 miles west of Clinton. Four persons were in the home when it was carried about 20 feet to the east. A barn was destroyed about 1 mile to the east as well as an irrigation system one mile south.									
Cordell, Washita County	31	night			0	0	0	0	Hail
Golfball and larger size hail fell at Cordell. Marble size was reported at Ctrn where some roof damage was reported. Windows were also broken at Colony.									
<b>OREGON</b>									
<b>PACIFIC</b>									
Fiji Islands	26-28	night 26th-morning 28th			49	?	?	?	Hurricane Meli
Unleashing over-100 mph winds, Hurricane Meli cut a narrow but destructive west-southwest path through Fiji Islands. Severely damaged islands along track were Thirnia, Nayau, Moalu, Kandavu and Vatulele. Thirty one died on Kandavu of which 21 were killed in Vabea village on Ono in 69 year old church after roof and walls collapsed on them. Fourteen died on Nayau. Numerous injuries. Homes and vegetations severely damaged. Death count not final. Unofficial death total higher than 49. At least 11 vessels lost or damaged. 159-foot Korean fishing boat, Nam Hee 202, believed sunk with 20 crewmen lost. 3,179-ton Nauru freighter, Cempac Roulder, ran aground on reef off northwest coast of Vatulele after leaving Suva on evening of 27th to weather hurricane at sea. Hull of freighter damaged extensively. Man and young woman drowned after yacht anchored 200 feet off Kandavu capsized in over-100 mph winds after 8:30p on 27th.									
<b>PENNSYLVANIA</b>									
<b>EASTERN</b>									
Susquehanna Valley from Bradford and Susquehanna Counties to Perry and Daughin Counties	4 to 7	Noon EST to 3 PM EST			0	0	5	0	Heavy Rain Flooding
Rainfall from midday Sunday March 4th to Midday, Tuesday, March 6 combined with snowmelt from mild temperatures to cause flooding along the Susquehanna River and some tributaries. Many roads were inundated and many homes and other buildings flooded (mainly basements or first floor).									
<b>PENNSYLVANIA</b>									
<b>WESTERN</b>									
<b>PUERTO RICO</b>									
NONE REPORTED									
NO REPORT RECEIVED									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>RHODE ISLAND</b>									
NONE REPORTED									
<b>SOUTH CAROLINA</b>									
Greenville	23	4-5 PM	1/17	75 (300 YD)	0	2	6	0	Tornado
A small tornado in connection with a locally severe thunderstorm dipped down in the Greenville area, causing extensive damage over a small area.									
Anderson, York, and Greenville Counties	23	PM	-	-	0	4	5	0	Severe thunderstorm, strong winds, heavy rains, heavy flash flooding
An area of heavy thunderstorms accompanied by strong damaging winds, lightning, and heavy rains that produced flash flooding moved from Anderson, Greenville Counties northward through York County during afternoon and evening of the 23rd. Windstorm damage in Anderson County included two mobile homes destroyed, several buildings damaged, and numerous trees destroyed, numerous power outages. In Greenville County, the damage included two mobile homes destroyed, numerous buildings damaged, numerous trees destroyed, numerous power outages. Heavy rains in the Rock Hill area produced flash flooding requiring some evacuation.									
<b>SOUTH DAKOTA</b>									
Southeastern South Dakota	2-4	Evening				4			Winter Storm
Snowfalls of six inches or more borne by winds gusting to 40 MPH caused near blizzard conditions over southeastern South Dakota. Winds blocked many roads with drifts of up to six feet reported in Hudson, SD. Blowing snow and near zero visibility were responsible for a traffic accident injuring four persons near Watertown, SD.									
Statewide	12-13								High Wind
A cold front moved across the state prompting a high wind warning over eastern and northern South Dakota. Rapid City reported winds gusting to 61 MPH while Aberdeen reported 46 MPH winds, Huron 47 MPH and Sioux Falls, 48 MPH.									
Central South Dakota	18-19								Heavy Snow
A low pressure center moved northward out of Kansas bringing heavy snow across the central sections of South Dakota. The heaviest snowfall was in Winner where sixteen inches of snow was reported. Pierre received seven inches of snow; McLaughlin, eight inches; Timber Lake, six inches of snow mixed with freezing rain and Mobridge, four inches of snow. Broken power lines and poles caused a power outage at Bowdle. A telephone outage in Wigner, due to a broken support wire on microwave transmitter, was caused by heavy snow.									
Southeastern South Dakota	22-23								Winter Storm
Southeastern South Dakota was hit by heavy snow from two inches at Madison to six inches at Wagner and Chamberlain. Winds over the area were clocked at 25 to 45 MPH.									
<b>TENNESSEE</b>									
Huntland, Franklin County	1	10:00 p.			0	0	3	0	Lightning
Lightning which struck a large elm tree shattered a plastic water-line running beneath the tree. Over 50% of Huntland residents were without water for over 12 hours and the lack of water forced closing of Huntland School.									
West and Middle Tennessee	3	6:00 a. to Midnight			0	0	5	0	Windstorms
Winds from a low pressure system over Missouri and from thunderstorms accompanying a cold front moving across West and Middle Tennessee on Saturday gusted to between 50 and 60 miles an hour causing widespread wind damage. Wind damage occurred in Shelby and Tipton Counties around 6:00 a.; in Lauderdale County at 6:45 a.; early Saturday afternoon in Maury County; 8:30 p. in Wilson County; and 10:00 p. in Sumner County. Wind damage included roof damage, trees and power poles downed, outbuildings damaged, and windows blown out. Highlights included: Ripley, Lauderdale County, tree fell on house and camper. Flintville, Lincoln County, gymnasium roof blown off.									
Gatlinburg, Sevier County and Blount County	4	Morning			0	1	4	0	Flash flood
West prong of the Little Pigeon River in Gatlinburg crested around 9 feet at 9 a. Sunday. Other creeks in the two-county area were swollen to near flood stage or above with 2.5 to 4.3 inches of rain recorded in the Smoky Mountains National Park. In Gatlinburg, damage to retaining walls, several homes, and a Howard Johnson Restaurant. Several roads were closed in the area until waters receded.									
<b>TENNESSEE (continued)</b>									
West Tennessee	9 to 15				1	0	?	?	Flooding
Mississippi River crested March 10 at 40.9 feet at Caruthersville (flood stage 32.0 feet) and at 37.7 feet at Memphis (flood stage 34 feet) on the 14th. Around 250 people forced from their homes in low areas along Mississippi River. Bottomlands and farm country flooded and some early planted wheat lost. One man drowned when he fell out of his boat while checking his property.									
Northwest Shelby County	22	11:30 p.	1	50	0	3	4	0	Tornado
A small tornado touched down near the corner of Pite Road and Benjestown Road and moved northeast for about one mile before lifting completely. Three persons injured in a mobile home which was destroyed; none of the injuries were serious.									
<b>TEXAS</b>									
<b>NORTHERN</b>									
Northern Cherokee County	2	2:20 p - 3:00 p			0	0	?	?	Hailstorm
Hail as large as golfballs completely covered the ground north of Jacksonville. No damage report was received.									
Haskell, Haskell County	2	3:50 p			0	0	?	?	Windstorm
Wind gusts to 60 MPH caused light damage in the Haskell area.									
Stamford, Jones County	2	3:50 p			0	0	?	?	Windstorm
The squall line that produced strong winds in Haskell County was responsible for gusts to 75 MPH at Stamford. Some minor damage resulted.									
Hamby, Jones County	2	6:00 p			0	0	5	0	Lightning
Lightning struck and heavily damaged two oil storage tanks.									
Bowie and Cass Counties	2	Evening			0	0	?	?	Flash Flooding
Several roads were closed for a brief period due to flash flooding from heavy thunderstorm rains. No injuries or deaths were reported.									
Van Zandt County	2	11:10 p			0	0	?	?	Windstorm
Thunderstorm winds caused minor damage to trees and homes in Van Zandt County.									
5 S of Tyler, Smith County	2	11:30 p	1/8	150	0	2	4	3	Tornado
A small tornado demolished a mobile home about 5 miles south of Tyler causing 2 injuries. The tornado moved from northwest to southeast.									
NE of Carthage, Panola County	2	2:55 a - 3:20 a			0	0	0	?	Windstorm
Trees were damaged as a windstorm moved from southwest to northeast from Carthage to near Shreveport. No other damage was reported.									
E of Denton, Denton County	19	4:00 p			0	0	0	0	Funnel Cloud
The funnel aift was reported by Amateur Radio Storm Spotters.									
12 E Valley View, Cooke County	19		1/4	90	0	0	3	0	Tornado
A small tornado, preceded by heavy rain and small hail, uprooted large trees and tossed farm equipment about near a rural mobile home 12 miles east of Valley View. Damage patterns indicated a definite rotation of the storm.									
Cooke County	19	6:00 p - 9:00 p			0	0	5	?	Windstorm and Flash Flooding
Heavy rains triggered flash flooding on most of the creeks in Cooke County. Some street damage occurred in Gainesville and Muenster. The under-pinning on 12 mobile homes was destroyed in Muenster.									
Cleburne area, Johnson County	19	5:00 p - 8:00 p			0	0	4	4	Flash Flooding
Straight winds from the same thunderstorms at 6:30 p.m. destroyed 2 mobile homes at Valley View and a \$6,000 airplane at the Gainesville airport. The winds came as an easterly flow out of the backside of the thunderstorms.									
Tarrant and Dallas Counties	19	Evening			0	0	?	?	Urban Flooding
A number of streets and underpasses were temporarily closed in the Dallas/Fort Worth area because of high water.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
NORTHERN									
Mt. Pleasant, Titus County	19	8:30 p	1	50	0	0	4	0	Tornado
A small tornado, accompanied by a loud roaring sound, caused damage to several homes and businesses. Trees were blown into several homes, a roof was damaged at an electrical shop, and a greenhouse and outbuildings were destroyed. The narrow, skipping tornado moved from southwest to northeast across northern Mt. Pleasant.									
1 North Buffalo, Freestone County	21	7:30 p			1	0	?	?	Flash Flood
Mary Lamberth of Buffalo was killed when her car was swept off of the I-45 service road into a flooded underpass. The incident occurred on Buffalo Creek, just inside Freestone County.									
Abilene, Taylor County	22	2:00 a - 4:00 a			0	0	?	?	Urban Flooding
Minor flooding occurred on a number of Abilene streets.									
Granbury, Hood County	26	5:30 p - 6:15 p			0	0	0	3	Hailstorm
Hail, up to golf ball size, caused minor fruit tree damage in the Granbury area. The ground was completely covered by hail at several locations.									
Roanoke Airport, Denton County	26	6:05 p			0	0	?	?	Hailstorm
Golf ball size hail fell briefly at the Roanoke Airport, which is 3 miles north of Roanoke. Damage was apparently negligible.									
Gainesville, Cooke County	26	6:15 p			0	0	0	0	Hailstorm
Most of the hailstones were pea size with isolated one inch diameter hail. Little or no damage occurred.									
Joshua, Johnson County	26	6:15 p			0	0	0	0	Funnel Clouds
Two funnels aloft were observed by Sheriff's Deputies.									
Hill County	26	6:30 p - 8:15 p	Short	Narrow	0	0	3	?	Tornado and Hailstorm
A severe thunderstorm tracked from northwest to southeast across Hill County, dropping a tornado several miles northwest of Whitney. The tornado overturned two tractors and damaged a barn. The twister developed at 7:15 PM after first being sighted as a funnel cloud at 7:10 PM by DPS patrolmen. The parent thunderstorm produced a swath of 1 to 1.5 inch diameter hail from 5 miles north-northeast of Kopperl at 6:30 PM to Malone at 8:15 PM. Golf ball size hail occurred in the northwest portions of Hillsboro. Funnels aloft were observed at 6:56 PM 10 miles east of Hillsboro and at 8:00 PM 13 miles southwest of Malone.									
Mineral Wells, Palo Pinto County	29	2:00 p - 2:30 p	500**	50	0	0	4	0	Windstorm, Hailstorm, and Flash Flooding
A windstorm caused approximately ten thousand dollars damage in extreme western Mineral Wells. Outbuildings and a 12x33 Cabana were destroyed by the strong winds. Shingles, antennas, and trees were also damaged by the windstorm, which occurred with very heavy rain and 3/4 inch hail. The heavy rains resulted in some street and creek flooding.									
3 SW McKinney, Collin County	29	2:15 p	Short	Narrow	0	0	0	0	Tornado
Amateur Radio Spotters observed a small and brief tornado which touched down near the intersection of Highway 121 and I-45. The tornado formed from a small but rapidly developing thunderstorm.									
Adell and Pooleville areas, Parker County	29	2:30 p - 3:00 p			0	0	5	?	Wind, Hail, and Rainstorm
The severe storm that affected Mineral Wells swept from southwest to northeast across northern Parker County. Straight-line winds caused \$30,000 damage, hail \$20,000 damage, and heavy rains \$50,000 damage. Hail to 2.5 inches in diameter fell in Adell and Pooleville areas. Most of the wind damage occurred to roofs, windows, and outbuildings near Adell, Whitt, and Garner, with several storage sheds reportedly destroyed at Springtown.									
Southeastern Wise County	29	3:20 p - 3:25 p			0	0	4	4	Wind and Hailstorm
The storm moved from Parker into southeast Wise County, destroying one mobile home near Boyd and another several miles south of Boyd at Keeter. A number of barns were demolished and several homes were damaged in the same area. Hail to 1.75 inches in diameter accompanied the violent windstorm.									
2 East Bryson, Jack County	29	4:45 p	Short	Narrow	0	0	0	0	Tornado
A small tornado uprooted trees two miles east of Bryson. No property damage was reported.									
Abilene, Taylor County	29	6:50 p			0	0	0	0	Hailstorm
Golf ball size hail was reported by storm spotters.									
<b>TEXAS (continued)</b>									
NORTHERN									
2 North Muenster, Cooke County	29	7:00 p			0	0	0	0	Hailstorm
Marble to golf ball size hail caused little or no damage.									
Southeast Jack County	29	10:00 p			0	0	0	0	Windstorm
Winds to 60 MPH produced no damage.									
Denton area, Denton County	29	11:30 p			0	0	5	0	Hailstorm
A 20 mile hail swath extended from southwest of Denton, through the western part of town, and northeast from town. Hail to 1.5 inches in diameter caused about \$50,000 damage to roofs and skylights.									
Fort Worth, Tarrant County	29	11:55 p			0	1	0	0	Lightning
A man was struck and slightly injured by lightning in western Fort Worth.									
Abilene, Taylor County	30	2:00 a - 4:00 a			0	0	?	?	Flash Flooding
Some minor damage occurred as a result of street and creek flooding in Abilene. The Goddow and Pasadena Heights neighborhoods experienced minor house flooding.									
Arlington, Tarrant County and Grand Prairie, Dallas County	30	2:00 a - 6:00 a			0	0	?	?	Flash Flooding
Only minor damage occurred although a number of people were evacuated from their homes.									
Pattonville, Lamar County	30	9:05 a			0	0	0	0	Flash Flooding
Highway 271 was closed because of high water.									
Bangs, Brown County	31	2:00 p			0	0	?	?	Hailstorm
Spotters reported 1.5 inch diameter hail at Bangs.									
8 NNE Strawn, Palo Pinto County	31	3:00 p			0	0	0	0	Hailstorm
Golf ball size hail resulted in no known damage in rural country northeast of Strawn.									
West of Desdemona, Eastland County	31	3:15 p			0	0	0	0	Tornado
The DPS reported a brief tornado west of Desdemona. No damage could be found.									
Laneville, Rusk County	31	3:30 p			0	0	0	0	Hailstorm
Marble size hail covered the ground at Laneville.									
Hico area, Hamilton County and Comanche County	31	4:10 p			0	0	?	?	Tornado and Hailstorm
The tornado touched down briefly just west of Hico, causing damage to trees, outbuildings, and a barn. Hail to one inch in diameter fell in a 30 mile swath from near Lanikin in Comanche County to east of Hico.									
7 E Hico, Bosque County	31	4:15 p			0	0	0	0	Funnel Cloud
Walnut Springs, Bosque County	31	4:30 p - 5:00 p			0	0	4	?	Hailstorm and Funnel Clouds
Hail to golf ball size caused considerable property damage in the Walnut Springs area. A DPS patrolman had to abandon his car when hail knocked out the windows. A funnel cloud was reported at 4:38 PM just west of Walnut Springs. This was the same storm that affected the Hico area.									
<b>TEXAS SOUTHERN</b>									
NO REPORT RECEIVED									
<b>TEXAS WESTERN</b>									
Odesa, Ector County	2	1:10p			0	0	5	2	Hail, Windstorm
Strong winds, estimated at more than 50 miles an hour, accompanied a line of thunderstorms that moved through the Ector County area. Golfball-sized hail was also reported in the City of Odesa. The hail broke windows in the City while the winds tore down signs, blew the roof off a mobile home and damaged a barn.									
Midland, Midland County	2	1:35p			0	0	4	2	Hailstorm, Funnels
As the above line of thunderstorms moved eastward into Midland County, sporadic bursts of small hail and heavy rain were reported. Some golfball-sized hail was also reported in Midland. Just east of the Greenwood School, two funnels were reported by the public. Damage from the storms was generally confined to broken windows and injured vegetation.									



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
WESTERN									
Big Lake, Reagan County	2	2:37p	1	50	0	0	0	0	Tornado
A small tornado was reported 12 miles southwest of Big Lake by the Reagan County Sheriff's Department. The tornado was relatively short-lived and only touched down twice during its lifetime. No damage was noted as the event occurred in open country.									
Ozona, Crockett County	2	3:45p			0	0	0	0	Hailstorm
Department of Public Safety Officers reported that hail measuring from .25 to 1.50 inches in diameter covered a path 10 miles by 5 1/2 miles wide 22 miles northwest of Ozona in Crockett County. The highways were also reported covered near the intersection of State Highways 190 and 137. No damage was reported.									
Ozona, Crockett County	2	4:12p	1/2	30	0	0	2	0	Tornado
A small tornado was reported by the public 20 miles south of Ozona. The tornado damaged stockpens valued at \$300 to \$400. Accompanying the tornado were 1.7 inch rains and pea-sized hail that covered the ground.									
San Angelo, Tom Green County	2	5:02p			0	0	5	2	Funnel, Hailstorm
A funnel cloud was sighted by the Fire Department 7 miles southeast of San Angelo. Strong winds accompanying the storm removed tops from 2 mobile homes, but no one was injured as the occupants remained in a storm shelter. One home was damaged severely by the wind with another parport and pump house damaged. Wind speed estimates were not available. .5 inch diameter hail also was reported.									
Seminole, Gaines County	17	5:30p			0	0	3	0	Wind, Hailstorm
Large hail and strong winds produced by a large thunderstorm moving eastward through Gaines County broke windshields and windows of homes in Seminole. Winds were estimated at 50 mph or greater and hail was reported to be near one inch in diameter.									
Silverton, Briscoe County	17	6:40p	1/2	30	0	0	0	0	Tornado
A small tornado was reported occurring over open ground just south of Silverton by a cooperative weather observer. The tornado was short-lived and no damage was indicated.									
Plains, Yoakum County	17	6:53p			0	0	0	0	Hailstorm
Golfball-sized hail was reported just east of Plains. It occurred in open country and no damage was indicated.									
Whiteface, Cochran County	17	7:20p			0	0	0	0	Hailstorm
Golfball-sized hail fell in a large area that extended from Whiteface northward for nearly 10 miles. The width of the area was generally 5 miles and the predominant hail size was .5 to .75 inches. No damages were reported from the storm.									
Plains, Yoakum	17	8:45p			0	0	4	0	Hailstorm
A second hailstorm in Yoakum County produced golfball-sized hail that damaged cars 15 miles west of Plains near the Texas-New Mexico state line. No other damages beyond minor damage to automobiles was noted.									
Amarillo, Potter County	17	8:59p			0	0	0	0	Hailstorm
Golfball-sized hail was reported on the west side of Amarillo with pea to marble-sized hail scattered throughout the City. In spite of the size, however, no damage reports were received from the hailstorms.									
Morton, Cochran County	17	9:21p			0	0	0	0	Hailstorm
Golfball-sized hail was reported in a severe thunderstorm 15 miles south of Morton. The storm moved toward the northeast and remained in generally open country. No damage was noted.									
Reese Air Force Base, Lubbock County	17	10:57p			0	0	0	0	Funnel
A funnel cloud was sighted 4 miles south of Reese AFB on the northwest side of Lubbock. In addition, pea to marble-sized hail was reported on the southwest side of Lubbock. No damages were reported. The funnel was short-lived.									
Meadow, Terry County	17	11:23p			0	0	0	0	Hailstorm
Golfball-sized hail was reported near the community of Meadow. The hail fell in open country, and no damages occurred.									
Lubbock, Lubbock County	17	11:45p			0	0	3	0	Hailstorm
Golfball-sized hail fell over the central and south sections of the City of Lubbock. Windows were broken and minor damage reported to buildings on the south side of Loop 289.									
<b>TEXAS (continued)</b>									
WESTERN									
Lubbock, Lubbock County	18	12:09a	1	75	0	0	6	2	Tornado
A small tornado developed on the northeast side of the City of Lubbock and moved northeastward, disappearing just south of the Lubbock Airport. Damage was reported over several square blocks. Three homes and one large business were severely damaged and flooding in one other business occurred after a roof collapsed. Fences and trees were destroyed and power lines were down on the north side of the City.									
Abemathy, Hale County	18	12:40a	1/2	10	0	0	0	0	Tornado
A small tornado was sighted in open country just east of Abemathy. It was partially embedded in heavy rain and due to deep mud, spotters were only able to view it from a distance. No damage occurred.									
Plainview, Hale County	18	12:45a	1/2	40	0	0	0	0	Tornado
A small, short-lived tornado was spotted at the intersection of State Highways 37 and 408, some 2 miles south of Plainview. It was moving toward the northeast over open country and did not cause damage.									
Crosbyton, Crosby County	18	12:45a	1 1/2	300	0	2	5	3	Tornado
A medium-sized tornado was observed first just southwest of Crosbyton. It lifted over the City and touched ground again just north of Crosbyton, damaging a house and injuring two people. Continuing to move northeastward, it destroyed two more houses and damaged FFA barns and outbuildings. Power was lost in the western portion of Crosbyton and over much of the County area. Total damages were estimated at \$100,000.									
Matador, Motley County	18	1:18a	1/2	20	0	0	0	0	Tornado
A report was received of a small tornado 10 miles west of Matador moving toward the northeast. The tornado was in open country and doing no damage. Shortly after the report, radar indicated a possible tornado in the same vicinity.									
Groom, Carson County	18	2:30a	1/2	30	0	0	4	3	Tornado
A cooperative observer reported a tornado three miles west of Groom. The tornado tore the roof off a home and damaged farm equipment before returning to the parent cloud.									
Hall and Briscoe Counties	18	2:23a			0	0	2	3	Hailstorm
Pea to marble-sized hail fell just east of Quitaque for a 10 minute period, with spotty occurrences of golfball-sized hail. The hail did only minor damage to property with some windows broken and vegetation damaged. Minor crop damage was also reported as the growing season had just started. As the storm moved eastward into Hall County more golfball-sized hail was reported with minor damage to cars.									
Samnorwood, Collingsworth County	18	3:10a	1 1/2	500	0	0	5	3	Tornado
A tornado originated 2 miles south of Quail and moved north-northeast to near Samnorwood, where it dissipated. It destroyed irrigation pumps and outbuildings near Quail and damaged a barn, a home and small buildings just south of Samnorwood. Along its path it damaged roofs, uprooted trees and tore out 50 high-line power poles.									
Colorado City, Mitchell County	21	4:05p	1/2	30	0	0	4	2	Tornado, Hailstorm
A small, short-lived tornado took the roof off a garage and broke windows while damaging another roof of a residence just west of Colorado City. Trees were uprooted in the area. The tornado was accompanied by high winds and golfball-sized hail. The hail fell in a path 12 miles long just southwest of the City with the path width 4 miles. Cars were damaged, windows were broken, tractor cabs were damaged and some fruit trees were seriously damaged. One to two inches of rain fell in a short time.									
New Home, Lynn County	21	4:20p			0	0	3	0	Hailstorm
Pea to marble-sized hail with some patches of golfball-sized hail was reported in the New Home area. Minor damage to cars and some broken windows along with minor damage to vegetation was indicated.									
Mitchell, Nolan Counties	21	4:25p	1	50	0	0	4	2	Tornado, Hailstorm
A severe thunderstorm developed just southwest of Colorado City near 4 p.m. A tornado lowered from the cell, striking a home in Seven Wells just south of Colorado City at 5 p.m. The tin roof of a garage was ripped off and metal supports of a porch torn away with the debris strewn 1/2 mile. Trees were torn to pieces and scattered. About this same time the storm made a turn to the east, dropping tennis ball-sized hail south of Igraine as it passed. At 5:30 p.m. Sweetwater received large hail and winds above 50 mph.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1979

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
WESTERN									
Crosbyton, Crosby County	21	5:30p	1/4	30	0	0	0	0	Tornado
		A small, short-lived tornado was reported by the Sheriff's Department 15 miles southwest of Crosbyton. It touched down in an open field briefly and then lifted and disappeared. No damage occurred.							
Lorraine, Mitchell County	21	5:55p			0	0	3	2	Hailstorm
		Hail varying in size from pea-sized to tennis ball-sized was reported near Lorraine. Winds accompanying the storm were estimated at just over 50 mph. Only minor damage was indicated with some windows broken and vegetation damaged.							
Lubbock, Lubbock County	21	6:00p			0	0	2	0	Funnel, Hailstorm
		A funnel was sighted on the southwest side of Lubbock but quickly disappeared again. Hail was reported at the same time on the west side of the City with later reports of hail inside the City. The hail was generally marble-sized with some golf-ball sized hail included. Only minor damage to windows and cars was reported.							
Lubbock, Lubbock County	21	6:37p			0	0	0	0	Funnel, Hailstorm
		A second strong thunderstorm formed on the west side of Lubbock and moved northeastward. A funnel was spotted from the cell 10 miles west of the City and golfball-sized hail was reported near the airport with no apparent damage.							
Fort Stockton, Pecos County	21	3:10p			0	0	0	0	Funnel
		A funnel cloud was sighted by the Police Department just east of the town of Fort Stockton. The funnel was visible for only a brief time and did not touch down.							
Sweetwater, Nolan County	21	7:30p			2	1	0	0	Flash Flood
		As a result of previous heavy rains (2 to 3 inches) and subsequent rains, street flooding began in Sweetwater at 7:30 p.m. By 7:50 p.m. Lake Sweetwater was reported over the spillway. At 9:06 p.m. two persons in a pickup truck were forced off Highway 70 into the side ditch by strong currents from a nearby creek out of its banks. The couple drowned during a rescue attempt with one rescuer reported injured. No other injuries or damage were noted.							
Crosbyton, Crosby County	21	8:07p	?	?	0	0	0	0	Tornado
		A small tornado was reported one mile northeast of White River Lake, some 15 miles southeast of Crosbyton. The tornado occurred in open country, was short-lived and did not cause any damage.							
Big Spring, Howard County	21	9:30p			0	0	0	0	Funnel
		A funnel was sighted by the Police Department and at the same time by an amateur radio operator 15 miles southwest of Big Spring. The funnel moved northeastward briefly and disappeared.							
Fort Stockton, Pecos County	20	3:30p			0	0	0	0	Funnel
		A funnel cloud was reported by the Police Department 4 miles northeast of Fort Stockton. The funnel was short-lived and was stationary.							
<b>UTAH</b>									
NONE REPORTED									
<b>VERMONT</b>									
NONE REPORTED									
<b>VIRGINIA</b>									
Southwestern	4-5				0	0	3	0	Rain
		Between two and three inches of rain reported between the morning of the 4th and the afternoon of the 5th. Basement and small stream flooding occurred in Floyd, Carroll and Franklin Counties.							
Colonial Heights	24	2:00 p			0	0	0	0	Hail
		Hail near golfball-size reported in the Colonia Heights area, about 20 miles south of Richmond. Apparently no damage occurred during the storm.							
Crimora, Augusta County	31	Evening			0	0	3	0	Wind
		Roof of porch attached to mobile home lifted and deposited, upside down, on roof of home. None of the three occupants in the mobile home was injured. Damage estimated at \$3,000.							
<b>VIRGIN ISLANDS</b>									
NO REPORT RECEIVED									
<b>WASHINGTON</b>									
NONE REPORTED									
<b>WEST VIRGINIA</b>									
NONE REPORTED									
<b>WISCONSIN</b>									
March 10 and 11									Cold
		A late winter cold snap dripped the state on March 10 and 11. Early morning readings on the 10 and 11 ranged from 10 below to 15 below zero in the north and zero to 10 above south. Highs on the 10th only reached 5 to 15 degrees in the north to the low 20's south.							
March 23									Flooding
		Rains of three-quarters to one and one-half inches coupled with rapidly melting snow caused some flooding across northern Wisconsin. Marathon County received the most extensive flooding with many residential areas reporting flooded basements and streets. Also, a number of small creeks and streams were reported out of their banks.							
March 24 and 25									Snow Storm
		Rain changed to snow across the state late Friday evening March 23 or early Saturday morning March 24. By the time the snow ended on Sunday March 25, it had accumulated from 4 to 7 inches across the southeast third of the state with 1 to 4 inch totals reported in the north and west parts of the state. Strong north to northwest winds of 20 to 35 mph Saturday and Sunday whipped the snow into drifts up to 5 feet causing extremely hazardous driving conditions across most of the state.							
<b>WYOMING</b>									
NONE REPORTED									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	

THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:

### LATE REPORTS

#### IOWA

DECEMBER 1978

Central to Eastern Iowa	1-2	3:00 P - 12 Noon							Winter Storm
-------------------------	-----	------------------	--	--	--	--	--	--	--------------

A combination of freezing rain and snow covered many sections of Central and Eastern Iowa. Many areas had from 1/4 to 1/2 inch of ice. From the same storm a narrow band 20 miles wide by approximately 100 miles long, of heavy snow centered just south of Cedar Rapids produced up to 10 inches of snow.

#### CALIFORNIA

FEBRUARY 1979

##### NORTHERN & CENTRAL

San Mateo County Purisima Creek	21	1000Z	1 1/2	Unk	0	0	4	0	High wind. Suspected tornado. (Unconfirmed). Damage was to buildings & farm animals.
Santa Cruz County	22	2130Z	Unk	Unk	0	0	5	0	High wind. Suspected tornado. (Unconfirmed) 3 mi. N Watsonville Airport. Several houses damaged. Winds recorded in excess of 80 mph.

#### HAWAII

Off East Maui	11	evening			5	0	3		Probable rough seas
---------------	----	---------	--	--	---	---	---	--	---------------------

No trace of five men in 165-foot boat found after boat reported engine trouble at 5 p of 11th. Strong northerly winds commenced in afternoon of 11th and persisted for few days in area of suspected mishap.

- O Includes crop damage.
- C Crop damage.
- \* Miles instead of yards.
- \*\* Yards instead of miles.
- + Storm damages are placed in categories varying 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

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.

SUBSCRIPTION PRICE: \$3.60 per year; \$4.80 additional for foreign mailing; 30¢ single copy. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.

USCOMM-NOAA-ASHEVILLE, N.C. 1979-1700

U. S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE  
210



**THIRD CLASS**  
**BULK RATE**