

MARCH 1980

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# STORM DATA



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NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA Statewide	1-3	Morning-Morning			2	?	5	0	Glaze, snow and low temperatures
					The most wintry weather of the 1979-1980 season occurred early in the month. Glaze on the 1st was followed by 2-5 inches of snow over the northern half of the state on the 1st and 2nd, with lesser amounts of snow and freezing rain over the southern half of the state on the 2nd. Snow flurries were observed in the coastal area. Record low temperatures for the date and for March were recorded over most of the state, on the 2nd and 3rd. The cold and icy conditions resulted in numerous power outages and traffic accidents, at least 2 deaths and an undetermined number of injuries.				
St. Clair County	5	9:15a			0	0	0	0	Hail
					3/4" hail was reported by the public over southwest part of county during a severe thunderstorm.				
Alexander City, Tallapoosa County	5	2:00p			0	0	4	0	Hail
					Golfball to baseball size hail damaged roofs and dented cars during severe thunderstorm in Alexander City area.				
Camp Hill, Tallapoosa County	5	2:20p			0	0	0	0	Hail
					Golfball size hail reported by the public during severe thunderstorm.				
Union Springs, Bullock County	5	2:50p			0	0	0	0	Hail
					Golfball size hail reported by the public during severe thunderstorm.				
Unity, Coosa County	5	1:40p			0	0	4	0	Lightning
					Lightning started fire which severely damaged new unoccupied house.				
Citronelle, Mobile County	7	5:00p			0	0	0	0	Funnel Cloud
					Funnel cloud sighted by public and indicated by Mobile WSO radar as possible tornado, passed over Citronelle, moving toward the east/northeast at 30 mph without touching down.				
Gay Springs to Six Mile, Bibb County	8	6:30a	0.8	75	0	0	3	3	Tornado
					Tornado touched down intermittently as it moved northeastward over mostly wooded country, uprooting and snapping off numerous large trees. Several mobile homes were damaged at Gay Springs, northeast of Centerville, while power lines were downed and a school sustained minor damage at Six Mile.				
Wilton, Shelby County	8	7:15a			0	0	0	0	Hail
					Golfball sized hail reported by public at Wilton about 2 miles southwest of Montevallo, during severe thunderstorm.				
Wicksburg and Dothan, Houston County	8	11:45a	1/2	40	0	5	5	0	Tornado
					A small but strong tornado, witnessed by a number of persons, touched down briefly near Wicksburg, overturning a mobile home and injuring the woman occupant. It remained mostly aloft moving eastward at about 40 mph until touching down briefly in the Laver Hills subdivision of southwest Dothan. A well-constructed \$60,000 house was nearly demolished and four children in the house were injured. Four nearby houses sustained minor to moderate damage.				
Statewide	16-17	Afternoon-Afternoon			0	0	5	0	Heavy rain and flooding
					Heavy rains of 2-4 inches generally and as much as 6 inches in northwest portion of state, falling on saturated ground, resulted in considerable urban and small stream flooding. Roads and bridges were damaged, with flooding of some homes and business establishments.				
Grove Hill, Clarke County	17	9:50a	1/4	50	0	0	4	3	Tornado
					Small tornado, sighted by public, touched down briefly in Grove Hill, then lifted as it moved northeastward at 40 mph. Several homes sustained roof damage, trees were uprooted and snapped off, several utility sheds were destroyed, and a brick swimming pool barricade was knocked down.				
Whatley, Clarke County	17	1:00p	1/2	25	0	0	0	3	Tornado
					Small tornado, observed by National Weather Service Substation Observer, touched down briefly in wooded area. Trees were uprooted and snapped off.				

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ALABAMA (continued) Statewide	20	Morning-21 Morning			0	15	5	3	Heavy rain, flooding, and high winds
					Heavy rain in thunderstorms, accompanied by high winds, resulted in power outages, damage to roads and bridges, downed trees, flooding of homes, public buildings, and business establishments in cities and along streams, many of which were already bankfull or in flood from previous rainfall.				
Tuscaloosa and Jefferson Counties	20	8:45p	100**	50	0	0	0	0	Tornado
					Small tornado, first indicated by radar 14 miles northeast of Tuscaloosa, apparently touched down briefly over open country in extreme western Jefferson County, then lifted and was observed aloft by several persons as it passed over north and northeast sections of the Birmingham Metro area. No damage was reported.				
Sylacauga, Talladega County	20	9:55p	4	50	0	6	5	0	Tornado
					Small tornado struck downtown and eastern sections of Sylacauga, inflicting an estimated \$100,000 to \$150,000 damage to businesses and private property. Six people were injured. Several large trees were uprooted, 20 autos were damaged, 20 homes and businesses were damaged, and several power lines were downed.				
Statewide	28-29	Morning-Evening			0	0	5	0	Heavy rain and flooding
					Intermittent periods of heavy rain and thunderstorms produced urban and small stream flooding, followed by extensive flooding along major streams near the end of the month, particularly over the central and southern portions of the state. Rainfall for the month exceeded previous records in many areas of the state.				
ALASKA Eastern Aleutians and Alaska Peninsula	29				4	0	5	0	High Winds and Rough Seas
					An intense Pacific storm moved from south of the Eastern Aleutians on the 28th to the western tip of the Alaska Peninsula on the 29th. Storm force winds to 55 kt and high seas preceded the storm. The marine vessel Capella under tow near Deer Island south of Cold Bay sunk with the loss of 4 lives.				
Southcentral Alaska	3/31 4/1				0	10	7	?	High Winds
					A low pressure system and associated occluded front moved north from the western Gulf of Alaska to just west of Kodiak Island the evening of March 31st. A strong high pressure ridge remained anchored along the eastern North Gulf Coast which caused an increasing east-west pressure gradient over Southcentral Alaska as the low and front moved north. Strong southeasterly winds of 30 to 50 mph began along the foothills of the Chugach Mountains from Anchorage to the Matanuska Valley the evening of the 31st. The winds increased markedly between midnight and 1 am of the 1st. Hurricane force gusts were measured to 100 mph (limit of anemometer) but peak winds were estimated at 130+ mph. The extreme winds continued until about 5 am then slowly subsided. The high winds caused widespread major damage over East Anchorage and along the mountains north to the Matanuska Valley. Numerous mobile homes were completely destroyed. A number of houses the entire upper floors or whole roof. A large percentage of the buildings in the area had roofing entirely or partially torn off. There was widespread power outages with some areas without power for 4 days. The total damage estimate was over 25 million dollars. The area was declared a State and Federal disaster area.				
ARIZONA					NONE REPORTED				
ARKANSAS 3 Miles South of Hot Springs - Garland County	4	9:53 p.			0	0	0	0	Hail
					Thunderstorms produced golf-ball sized hail. No damage was reported.				
Jones Mill - Hot Spring County	4	Late Evening			0	0	4	0	Lightning
					Lightning caused a fire which destroyed a home in Jones Mill. Damage was estimated at 15 thousand dollars.				

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					KILLED	INJURED	PROPERTY	CROPS	
<b>CALIFORNIA</b>									
<b>NORTHERN &amp; CENTRAL</b>									
Fresno, Madera, Merced, Kings and Tulare Counties	6	5-7 p.m. PST	--	--	0	0	0	2	Severe thunderstorms
On the afternoon of March 6, a line of heavy thunderstorms developed in California's central San Joaquin Valley. Funnel clouds were observed over Fresno and a hail fell near Lemoore Naval Air Station.									
<b>CALIFORNIA SOUTHERN</b>									
Los Angeles County	2	Approx. 7 pm.					4		Strong Winds
Tornado like wind (probably strong downdraft) occurred near Dewey and Olympic in Los Angeles in 1 sq. block area. Fire dept. reported uprooted trees, tore down billboards, broke windows. Fire dept. estimated \$10,000 damage.									
Riverside County	6								Strong Winds
Tornadoic winds reported in Riverside - doing minor damage. Unable to determine exact location.									
Mono County	14								Strong Winds
Winds at Mammoth Airport reported NW 40 knots with gusts to 55.									
San Diego County	21	evening							
Funnel shaped clouds reported in San Diego and Palamar area.									
Kern County	30	7:30 pm.							Strong Winds
Mojave Fire Dept. reported winds gusting to 80-90 mph.									
Los Angeles, Orange, and Riverside Counties	21								
Hail reported at Banning, Fullerton, and Long Beach.									
<b>COLORADO</b>									
<b>Northeastern Foothills</b>									
	9	aftn-even			0	0	?	0	High winds
winds gusted up to 90 mph at Red Feather Lakes, northwest of Fort Collins. 84 mph gusts were recorded at Mondervu, in the foothills southwest of Boulder.									
Eads	25	1610-1625	3	50	0	0	2	0	Tornado
A tornado touched down 10 miles northeast of Eads. It damaged a few fences in the area.									
Eastern Plains	27-28				0	0	5	0	Blizzard
A blizzard raged across eastern Colorado, closing roads and schools, and stranding hundreds of motorists, particularly in the northeast. One to two feet of snow buried the area around Sterling and Julesburg, with 3 to 2 inches elsewhere in the east. Drifts were 4 to 8 feet deep. Both Interstate 70 and I-76 were closed by the storm, with the latter in especially bad shape. The blizzard killed numerous young livestock, and endangered many more.									
Eastern Plains	31	evening			0	0	5	0	Blizzard
The second blizzard in five days buried eastern Colorado with 6 to 12 inches of snow. A few places in the southeast had even more; 14 inches brought things to a halt in La Junta. Again many highways and schools were closed, and howling winds blew down many power poles, leaving some 3000 families in various areas without power. Thousands of livestock were stranded by the storm, and many newborn calves died in the snow and cold. Snow trucks were dispatched to deliver hay to areas cut off by the storm. Some spots in extreme eastern Colorado had drifts up to 20 feet deep. The exact amount of dollar loss is not yet known; it will be assessed when the livestock losses have been tabulated.									
<b>CONNECTICUT</b>									
East Hartford	8-9	?			0	0	4	0	Lightning
As a family viewed TV it and some water pipes exploded, electrical switches blew off the walls and several fires were started when a bolt struck.									
Meriden	11	Early AM			0	1	4	0	Lightning
As an 81 year old woman slept her bedroom window was destroyed and she was sent to a hospital with shattered glass wounds. Her furnace was destroyed as was most of the house wiring.									
Southington	11	Early AM			0	0	5	0	Lightning
Lightning hit a factory and the resulting fire destroyed a large portion of it.									
Statewide	22	All day			0	0	5	0	Flooding
High water from the Farmington River caused the evacuation of 150 homes. Hundreds of streets and cellars of businesses and residences were flooded especially in Cheshire, Maples, Middlefield, New London, Niantic, Old Saybrook, Otis, Stonington, Torrington and Waterbury. In Montville an apartment house roof was blown off. The Yantic River caused flooding in Norwich. In Winsted a sewer treatment plant was damaged.									
<b>DELAWARE</b>									
Lewes	13	8:00 p-8:30 p			0	0	4	0	Wind
Greenhouse under construction, along with the upper third of a VHF tower, blown over by high winds. In addition, several drydock boats were rolled over and debris punched holes in several boats that were in the water. Total damage estimated at around \$5,000.									
New Castle County	18	6:00 a			0	0	3	0	Wind
Winds associated with a cold front passage gusted up to 55 mph. Some damage was due to fallen trees in the Arden area. Damage was estimated at between \$500 and \$1,000.									
<b>FLORIDA</b>									
<b>BROWARD COUNTY</b>									
	1	9-915 PM EST	7.0	500	1	33	7	0	TORNADO
A LARGE TORNADO MOVED ON AN ALMOST CONTINUOUS TRACK FROM JUST SOUTH OF THE FORT LAUDERDALE EXECUTIVE AIRPORT NORTHEASTWARD THROUGH FORT LAUDERDALE AND OAKLAND PARK FINALLY MOVING OFF THE COAST IN POMPANO BEACH. A WOMAN WAS KILLED WHEN BLOWN OFF HER 6TH FLOOR APARTMENT BALCONY. THERE WERE 33 INJURIES WITH 7 REQUIRING HOSPITALIZATION. WIDESPREAD DAMAGE WAS REPORTED TO HOMES, CONDOMINIUMS, BUSINESSES, SCHOOLS, CARS, PUBLIC UTILITIES AND TREES ALONG THE PATH OF THE TORNADO. DAMAGE WAS ESTIMATED TO BE MORE THAN SIX MILLION DOLLARS.									
<b>BROWARD COUNTY</b>									
	1	915 PM EST	0.5	35	0	0	6	0	TORNADO
ANOTHER TORNADO STRUCK THE DEERFIELD BEACH AREA ABOUT 5 MILES NORTH OF THE PATH OF THE LARGER FORT LAUDERDALE - POMPANO BEACH TORNADO. DAMAGE WAS CONFINED TO A SMALL AREA BUT WAS ESTIMATED TO BE THREE QUARTERS OF A MILLION DOLLARS TO HOMES, BUSINESSES, CONDOMINIUMS, CARS, AND PUBLIC UTILITIES.									
<b>CLAY COUNTY</b>									
	10	1050 AM EST	0.5	35	0	0	4	0	TORNADO
A SMALL TORNADO STRUCK THE AREA SOUTHWEST OF MIDDLEBURG DAMAGING FIVE HOMES. TOTAL DAMAGE WAS ABOUT \$10,000.									
<b>DUVAL COUNTY</b>									
	10	1145 AM EST	0.3	20	0	0	4	0	TORNADO
A SMALL TORNADO DAMAGED FOUR HOMES AND AN AUTO PARTS STORE IN SOUTHEAST JACKSONVILLE. DAMAGES WERE ABOUT \$10,000.									
<b>ESCAMBIA COUNTY</b>									
	28	7 AM CST	0.3	20	0	1	4	0	TORNADO
A SMALL TORNADO TOUCHED DOWN NEAR BRATT DESTROYING A HOUSE TRAILER WITH HEAVY DAMAGE TO ANOTHER HOUSE TRAILER AND FOUR HOMES. ONE MINOR INJURY WAS REPORTED. THERE WAS ALSO CONSIDERABLE TREE DAMAGE AND DOWNED POWER LINES IN THE AREA KNOWN AS BRATTS CROSSROADS. TOTAL DAMAGE WAS ABOUT \$20,000.									
<b>SANTA ROSA COUNTY</b>									
	28	745 AM CST	3.0	30	0	0	4	0	TORNADO
A TORNADO FIRST REPORTED ONE AND ONE HALF MILES SOUTH OF CHUMUCKLA, STRUCK THE UNIVERSITY OF FLORIDA AGRICULTURAL RESEARCH CENTER JUST EAST OF CHUMUCKLA CAUSING \$20,000 DAMAGE.									
<b>BREVARD COUNTY</b>									
	30	130 PM EST			0	1	0	0	LIGHTNING
A 98 YEAR OLD MAN WAS CRITICALLY INJURED WHEN STRUCK BY LIGHTNING IN AN OPEN FIELD ON MERRITT ISLAND.									
<b>GEORGIA</b>									
<b>Walton County</b>									
	4	4:00 p.	?	?	0	0	?	0	Hail
Strong thunderstorm dropped marble-size hail that accumulated to depth of 3 to 6 inches south of Walnut Grove.									
<b>Worth County</b>									
	5	9:00 p.	1	?	0	0	?	0	Hail
Strong thunderstorm activity in southwest Georgia left hail 6 to 8 inches deep near Warwick and about 1 foot deep near Oakfield.									
<b>Seminole County</b>									
	5	9:00 p.	?	?	0	0	?	0	Hail
Golfball-size hail fell and remained on ground until after daylight on 6th. Depth unknown.									
<b>West-Central Counties</b>									
	8-9	All day 8th and 9th			2	0	5	?	Flooding
Troup, Meriwether, Lamar, Jones, and Bibb Counties reported the worst flooding. Much road and bridge damage was experienced and some buildings were flooded. Two men riding in a pick-up truck were swept into rain-swollen creek around 2:30 p.m. on 8th about 5 miles east of Greenville.									
<b>Wayne County</b>									
	10	5:15 a.			0	0	0	0	Funnel cloud
Funnel cloud sighted 5 miles west of Screven travelling to the east at 35 mph.									

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<b>GEORGIA (continued)</b>									
Extreme Northeast Counties	12	Early Morning through late night			0	0	5	0	Ice
									A mixture of snow and sleet over the mountains changed to mostly freezing rain by mid-day. Serious damage to trees and power lines mainly in White and Habersham Counties. Schools were closed and more than 10,000 homes lost power. Official of Habersham Electric Membership Corporation said storm was the worst in 40 years.
Laurens, Bibb, and Wayne Counties	12	All day			0	0	4	0	Flooding
									Widespread road and some home and mobile home flooding throughout central and parts of south Georgia. Earthen dam failed in Laurens County causing considerable road damage. Dam failed on small pond in Bibb County.
Screven, Effingham, Bryan, Bulloch, Chatham, and other southern counties.	12	All day			0	0	5	?	Flooding
									Extensive low-land flooding occurred on major rivers and streams. Most serious problems developed along the Ogeechee and Ocmulgee Rivers. Some families evacuated when houses and mobile homes were flooded. Stages were the highest in many areas since at least 1944.
Randolph County	17	3:50 p.	1/4	50	0	0	4	0	Tornado
									Small tornado touched down 7 miles southeast of Cuthbert. A home was damaged and two buildings destroyed. Tornado moved east-northeastward.
Peach County	17	4:40 p.	1/4	100	1	0	4	0	Wind
									A downburst destroyed a mobile home and toppled a number of trees between Byron and Fort Valley. A man in the mobile home was killed.
Johnson County	17	7:45 p.	2	75	0	0	4	0	Tornado
									A small tornado damaged seven houses and uprooted trees in Kite. Tornado moved northeastward.
Toombs County	17	8:30 p.			0	0	?	0	Wind
									Some tree damage caused by winds estimated at 50 kts.
Dade County	19-21	Afternoon 19th through night 21st			0	0	5	?	Flooding
									Small stream flooding washed out many roads, weakened or washed away bridges, and damaged homes.
Upton County	21	1:45 a.	2	75	0	0	4	?	Tornado
									A small tornado touched down just north of Thomaston. Several homes, a car, and many trees were damaged. Tornado moved north-eastward.
Macon, Peach, and Houston Counties	21	2:00 a.	3	100	0	2	6	?	Tornado
									A tornado hit Marshallville causing considerable damage to several structures, trees, and power lines. The storm moved east-north-eastward dipping to the ground occasionally damaging mostly trees.
Houston, Pulaski, and Bleckley Counties	21	2:45 a.	2	75	0	0	5	?	Tornado
									Most damage, other than to trees, occurred in Bleckley County. Near the Limestone Community a house was almost totally destroyed and several small buildings were damaged. The tornado moved east-northeastward.
Wilkinson County	21	3:00 a.	1/4	75	0	1	4	?	Tornado
									Apparently, the same thunderstorm that spawned the Marshallville tornado earlier produced this tornado. It touched down briefly near Highway 57 a short distance from Balls Ferry. Two homes were damaged and a trailer was demolished. The tornado moved northeastward.
<b>HAWAII</b>									
5 miles south of Diamond Head, Oahu	4	6:41 pm			0	0	0	0	Waterspout
4 miles west of McGregor Pt., Maui	15	10:48 am			0	0	0	0	Waterspout
<b>HAWAII (continued)</b>									
Oahu	18-19	3 pm - 8 am			0	0	5	*	Flash Flood
									Heavy rain and thunderstorms with moist mountain-lifted trade winds beneath an upper low pressure area caused widespread flooding in windward (eastern) and northern Oahu. Low-lying roads were inundated, streams overtopped and a major cross-island highway blocked by landslides. Several gages in the area recorded 6 to 7 inches in 6 hours and one mountain gage (Waiahole) 14 inches in 7 hours. Hardest hit was the Sunset Beach - Puukoa section of Oahu's North Shore, where 20 people were evacuated when a blocked drainage ditch backed water up to a depth of 6 feet. In Aiea 6 families left their homes. Damage totaled \$105,000 to private property (including major flooding to 2 homes and contents and minor to 13) and \$2-3,000 to public facilities (roads, bridges, sewer systems, and \$150,000 to the channel, invert and wall in Moanalua Stream). At the Waialua Sugar Co. 2000 man-days (equivalent to about \$20,000) were required to repair washed-out irrigation furrows.
Hilo, Hawaii	20	9:40 am	1?	10?	0	0	2	0	Waterspout/TORNADO
									Reported by an eyewitness as a waterspout that travelled across Hilo Bay before going aground and tearing off the roof of a airport before dissipating.
2 miles off Kaanapali, Maui	23	3:56 pm			0	0	0	0	Waterspout
5 miles northwest of Kawaihae Harbor, Hawaii Island	24	8:23 am			0	0	0	0	Waterspout
Hawaii Island	6-8				2	0	6	*	Heavy Rain
	14-15								Successive episodes of heavy rain saturated the eastern half of Hawaii Island, from the Waimea and North Kohala Districts to Kau. Water tables rose so high that previously unknown springs surfaced, damaging a number of residences. Flooding was widespread. Landslides and other road blockages cut off entire districts. Water lines were severed and a major highway washed out. Schools were closed and many persons evacuated -- 60 from Pahala alone. Plantation roads suffered extensive erosion. In the 72 hours ending the morning of the 19th, several gages recorded more than 2 feet and one gage over 3 feet of rain. Honouliuli had over 22 inches in 24 hours ending the 18th. On the 17th two newly-arrived visitors, a man and wife, died when their rented car was swept off the road and crushed by flood waters in the Kau District. Car and bodies were not found until the 25th, when flood waters had subsided. For much of the island March was the wettest month of record, with many stations exceeding 70 inches. The Hilo Country Club, 6 miles above Hilo, had 120.04 inches. Some damage estimates: public facilities, \$2.2 million; crops and agricultural facilities, \$1.14 million; business and utilities, \$297,000; residential, \$249,000. The total to date, \$3,838,304.
IDAHO									NONE REPORTED
ILLINOIS									NONE REPORTED
<b>INDIANA</b>									
Southern one-third	1								Heavy snow
									Snow began falling on the evening of the 29th of February and continued until the early part of the afternoon on March 1. Snowfall over the southern one-third of the state ranged from 4-8 inches; however, 11 inches was reported in Switzerland County in the extreme southeast part of the state.
Lake & Porter Counties	2								Heavy snow
									During the early morning hours of March 2 snowfall amounts of 6 to 7 inches fell over Lake and Porter Counties in northwest Indiana.
Porter, LaPorte, St. Joseph Counties	8								Heavy snow
									Five to eight inches of snow fell during the morning and early afternoon hours of March 8. The heaviest snowfall was over the northern sections of Porter, LaPorte, and St. Joseph Counties.
<b>IOWA</b>									
Extra Audubon County	4	5:30 P			1	0	0	0	Snowstorm
									A snowstorm that produced 4 inches of snow combined with temperatures around 10 degrees and winds of 25 MPH created a wind chill factor of 30 to 40 degrees below zero. This cold caused a 12-year old girl, who was playing outside her home, to succumb to exposure.

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<b>KANSAS</b> Cheyenne, Rawlins, Sherman, Thomas, Wallace, Logan and Greeley Counties	27-31				0	0	6	0	Heavy Snow and High Winds
									Heavy snow began over extreme northwest Kansas on the 27th and by the morning of the 28th, 9 to 13 inches covered the ground. Strong gusty winds on the 28th and 29th caused much blowing and drifting closing most highways and secondary roads. Drifts of 2 to 4 feet were common with some drifts up to 8 to 10 feet reported. Many farm families were isolated and hundreds of travelers were forced to take shelter in churches, schools and national guard armories, etc. Live-stock strayed from pastures and stockmen found it difficult to locate them and deliver feed because of clogged roads. The state of Kansas declared the area a disaster area and dispatched 3 large helicopters to deliver feed to livestock. The storm coincided with the calving and lambing season and young livestock were hard hit. In addition to livestock losses, some reports of power outages were received along with a few reports of farm buildings buckling under heavy snow loads on roofs. The snow had packed and melted down considerably by the 31st, but a new storm dumped around 4 to 6 inches on the 31st and pushed snow depths up to 12 to 15 inches over the area. This prolonged and aggravated the situation.
<b>KENTUCKY</b> Wayne CY	16	Eve					4		Svr Tstm
									High winds associated with a severe thunderstorm tore the roof off of a modified mobile home in Suisie, KY. The two people in the home at the time were not injured.
Union CY	17	Mrgng					4		Svr Tstm
									High winds blew over a mobile home in Waverly on its top and completely destroyed it. There was also other scattered damage over the northern portion of the county.
Metcalfe CY	21	2AM EST					4		Svr Tstms
									High winds of approximately 80 mph extensively damaged a skating rink in Edmorton. A good portion of the roof and one wall were blown down.
Floyd CY	24	5:30PM EST					4		Svr Tstm
									High winds blew a mobile home over on its side in Sloane's Branch, KY. A 10 year old girl who was inside was not injured. A barn was also blown down.
<b>LOUISIANA</b> Jefferson Parish	9	3:30 AM			0	0	5	0	Thunderstorm
									A millwork plant in Kenner was totally destroyed by high winds.
Webster Parish	12	3:30 am			0	0	4	0	Thunderstorm
									Two homes were partially damaged by thunderstorm winds in Springhill.
Assumption Parish	17	Early aftr	2	?	0	0	5	0	Tornado
									A small tornado first touched down east of Amelia and moved east destroying two trailers and damaging one home in Bayou L'Ourse. One trailer had just been evacuated and the other was empty.
Terrebonne Parish	17	Afternoon			0	0	0	0	Thunderstorm
									Winds of 50 knots reported in Gray with a thunderstorm. No damage reported.
Ascension Parish	17	Afternoon			0	0	4	0	Lightning
									House in Gonzales damaged by lightning strike.
LaSalle Parish	20	Afternoon			0	0	4	0	Thunderstorm
									Thunderstorm winds hit east of Tullos destroying one trailer and doing minor damage to two homes.
West Carroll Parish, East Carroll Parish	20	2:00 PM	17	?	0	0	5	0	Tornado
									Small tornado first touched down briefly northeast of Pioneer then moved northeast and touched down again near Shelburn before dissipating. One home with minor damage near Pioneer, a barn and several pieces of heavy farm equipment destroyed in East Carroll Parish. Several homes damaged near Shelburn.
Caddo Parish	20	Early Afternoon			0	0	0	0	Hail
									Three quarter inch hail reported in Greenwood west of Shreveport with other hail reported at Hosston north of Shreveport. No damage.
<b>MAINE</b>									NO DATA RECEIVED
<b>MARYLAND &amp; D.C.</b> Eastern two-thirds & District of Columbia	1-21				0	0	0	0	Snow
									Heaviest snow of the season in some sections, with amounts ranging from 3 to 5 inches over Frederick County; 4 inches in the Washington D.C. area and up to 8 inches at Annapolis. Snow began during the afternoon of the 1st, continuing into early on the 2nd. Many motorists had to abandon stalled vehicles, but the fact that the storm occurred over the weekend prevented a major disruption in transportation.
Eastern	11	All Day			0	0	0	0	Wind
									Northwest winds following a cold frontal passage gusted to over 40 mph. Chesapeake Bay Bridge officials restricted camper vehicles and those hauling mobile homes and modular homes from crossing the west-bound span. Peak gust of 46 mph observed at the Thomas Point Coast Guard lighthouse at 8AM.
Western	13-14				0	0	0	0	Snow, Wind
									Snowstorm began early on the 13th and continued into morning of the 14th. Blizzard conditions developed as winds gusted up to 45 mph. Garrett County reported numerous secondary roads closed for a time, along with two main highways, as snow reached a depth of 12 to 14 inches. Nearly 10 inches of snow reported in Cumberland.
Worcester County	13-14				0	0	5	0	Wind, Rain
									Rapidly-developing and very intense low center moved northward, bringing winds up to 70 mph along the east portion of the County beginning during the evening hours of the 13th into early on the 14th. Farmsteads in the area between Snow Hill and Newark hard hit around 7PM of the 13th. At least three barns were blown down along with loss of farm machinery in the vicinity of Odartown. One farm lost around 14,000 2-week-old chicks when the chicken house roof was torn off. A large barn nearby had the back end collapse on top of farm equipment.
Frederick and Montgomery Counties	18	Early Morning			0	0	4	0	Wind
									Ocean City was also hard hit. Two hotels lost substantial portions of their roofs and nearby homes received wind damage. An 86-foot trawler ran aground during the night as it attempted to negotiate the Ocean City inlet. In addition, localized beach erosion was reported and a section of the board walk was ripped up, causing a broken water main. Elsewhere, trees were blown down between Berlin and Newark in the north central section of the County. Total damage was estimated in excess of \$500,000. of which the Ocean City area received around \$400,000.
North Central	21	Morning & Afternoon			0	0	0	0	Rain, Flooding
									In the Adamstown section of Frederick County some sheds were toppled or torn apart by strong winds following a cold frontal passage. In addition, stored property was damaged along with a trailer home that was carried into a neighbor's yard. Power outages were reported in the Beasville area of Montgomery County. Total loss estimated between \$10,000 and \$15,000.
Baltimore County	21	Early Afternoon			0	0	0	0	Funnel Aloft
									An unofficial total of up to 3 inches of rain reported in some sections as local streams went out of their banks, mostly in the town of Thurmont and Frederick in Frederick County. At least 14 roads had to be closed for a time due to high water. Some minor flooding also reported in the vicinity of Bel Air, Harford County. State police sighted a funnel cloud in the vicinity of Reisters-town, but it apparently remained aloft.
Statewide & District of Columbia	21-22				1	1	5	0	Wind
									Low center moved eastward from the lower Great Lakes and intensified bringing wind gusts to around 60 mph. Strongest winds developed during the afternoon of the 21st and continued into the morning of the 22nd. Widespread wind damage reported, ranging from toppled sheds, fallen trees and power lines, to window breakage. A large tree fell on one home in Bethesda at about 5PM of the 21st, causing extensive damage to the 2nd floor. Later around 7PM a tree fell on an auto on a Washington street, injuring an occupant. At about 9PM a lady crossing a street in Washington was swept by a gust of wind into the path of an passing automobile, fatally injuring her. Total damage estimated at about \$100,000.
Allegheny and Garrett Counties	22	All Day			0	0	0	0	Snow
									From 3 to 4 inches of snow fell over the two counties. Strong gusty winds made driving conditions difficult due to drifting and poor visibilities.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

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	
<b>MASSACHUSETTS</b>											
Fitchburg	11	3:20AM			0	0	3	0			Lightning
		A large pine tree was destroyed as lightning was conducted to the ground and into a house. Windows and the side of the house were demolished.									
Hatchville	11	4-5AM			0	0	3	0			Lightning
		A house was rendered heavy damage as a bolt struck. Though there was no fire the explosive reaction through a radiator across a room and broke walls.									
Oxford	11	3:50AM			0	0	4	0			Lightning
		A large barn was struck and destroyed by fire. A truck, camping vehicle and boat were lost.									
Southbridge	11	AM			0	0	3	0			Lightning
		A bolt struck a radio station and caused extensive damage to transmitting equipment.									
Williamstown	17	7:30PM			0	0	4	0			High wind
		Strong winds ripped off the roof of a mobile home.									
Becket Cummington Hinsdale Middlefield Peru Westfield	22	All day			0	0	6	0			Flooding
		Heavy rain caused flooding of roads and basements. The Westfield River overflowed its banks causing the worst floods in 25 years near Westfield. In Huntington and Westfield several hundred people were evacuated. Many roads were undermined as 4 to 8 inches of rain fell. 150 new automobiles were submerged at a dealership.									
<b>MICHIGAN</b>											
Southeastern Lower Michigan	21	Morning			0	0	5	0			High Winds and Heavy Snow
		Winds gusting to 47 miles per hour and soggy snowfall caused power lines to sag, buckle and snap, resulting in power outages in many areas of Jackson, Washtenaw, Livingston, Wayne, Oakland, and Macomb counties. Power transformers fouled by the wet wind driven snow, sparked and shorted out. Around 12,000 Detroit Edison customers were without power with most outages occurring in Oakland county. About 6,000 Consumers Power Company customers were without electricity for about 14 hours. There were also property damages in residential areas due to broken tree limbs. In Jackson a tree limb snapped under the force of wind and heavy snow, fell on a parked vehicle, resulting in a broken windshield and a broken steering wheel.									
<b>MINNESOTA</b>											
Scott County	16	9:45AM			0	0	0	0			HAIL (Season's First)
		One-inch hail reported at Belle Plaine, but to north in Eastern Carver County, hail size was only 1/4 inch. Hail ceased as thunderstorms approached the more densely populated sections of the Minneapolis/St. Paul Metropolitan Area.									
Bloomington Hennepin County	16	10:00AM			0	0	5	0			LIGHTNING
		Four Bloomington homes and an elementary school were struck by lightning during the Sunday morning thunderstorm. First strike of the five reported was at 10:06AM. Total damage estimated at \$152,500.									
<b>MISSISSIPPI</b>											
Pearl River County	7	3:05 p	0.3	30	0	0	4	0			Tornado
		A small tornado touched down briefly 5 miles south of Lambert. It tore a metal roof off a convenience store and gas station, scattering large pieces of the roof over a quarter of a mile. The owner of the store watched the event and said the funnel never appeared to touch the ground.									
Neshoba County	7	4:25 p	0.2	20	0	0	3	0			Tornado
		A small tornado touched down briefly about 5 miles south-southeast of Philadelphia just off Highway 19. Several trees were uprooted, several houses were lightly damaged, and the roof was blown off a barn.									
Sharkey County	20	2:45 p	0.5	30	0	1	5	0			Tornado
		A small tornado struck the Murphy Jones Plantation near Mitta Yuma, causing some property damage and one minor injury. The tornado damaged two houses and a farm building and blew over several cotton trailers. A man standing on the porch of one of the houses was blown off the porch and over a car but was not seriously injured.									
<b>MISSISSIPPI (continued)</b>											
Clay County	20	3:30 p			0	2	4	0			Thunderstorm, High Winds
		High winds associated with a line of thunderstorms completely demolished a trailer home 2 miles west of West Point. Two women were slightly injured and were treated for minor contusions and shock.									
Lowndes County	16-31				0	0	5	0			Heavy Rains, River Flooding
		Heavy rains fell over the upper Tombigbee River basin on four occasions during this period. On March 16-17 2 to 5 inches fell over the basin, followed by roughly another 2 inches on the 20th, 1 to 2 inches on the 21st, and 3 to 4 more inches on March 27-28. Flooding on the Tombigbee forced 30 to 40 families out of their homes and isolated another 200 rural homes. Roads and bridges suffered extensive damage from the rains and high water.									
Marion County	26-31				0	0	5	0			Heavy Rains, River Flooding
		Heavy rains totalling about 10 inches fell over the lower Pearl River basin during the four-day period March 26-29. Many rivers, creeks and drainage ditches overflowed their banks. About 90 homes were flooded by the Pearl River. More than 100 additional homes were threatened by the rising waters as their occupants were forced to flee. Several trailers and businesses were also flooded.									
Clay County	20	3:45 p	0.1	15	1	0	4	0			Tornado
		A small tornado touched down and destroyed a house trailer in extreme eastern Clay County near the Waverly Ferry community, or about 8 miles northwest of Columbus. An elderly woman was injured in the trailer and died in the hospital the next day.									
Monroe and Union Counties	16-21				0	0	5	0			Heavy Rains, Flooding
		Portions of northeast Mississippi received 13 to 5 inches of rain on March 16-17 and another 11 to 3 inches on March 19-20, resulting in extensive local flooding and some flash flooding in these two counties. Several bridges were damaged or washed out and considerable damage was done to roads.									
Natchez, Adams County	29	3:00 p			2	18	6	0			Heavy Rains, Mudslide
		More than 7 inches of rain fell in the Natchez area during the four-day period March 26-29. The ground became so saturated that part of a large bluff collapsed, burying two buildings under an avalanche of mud in the Under-the-Hill district of Natchez. The mud slide destroyed a 19th century saloon and an adjacent delicatessen. One person was killed in each of the two buildings. A total of 18 people were injured, but only one seriously enough to require hospitalization.									
<b>MISSOURI</b>											
North Central, Northeast, Central, and East Central	12	am			0	0	0	0			Heavy Snow
		Four to six inches of very wet snow fell in the northeast quadrant of Missouri with eight inches reported in Grundy and Livingston Counties in north central Missouri.									
<b>MONTANA</b>											
NONE REPORTED											
<b>NEBRASKA</b>											
Panhandle	3	Night			0	0	0	0			Heavy Snow
		Heavy snow fell with 7 inches reported at Chadron and 5 inches at Scottsbluff.									
South Central and Eastern	4	Morning thru Early Evening			0	0	0	0			Heavy Snow and Blizzard
		Heavy snow occurred in a band from south central thru eastern Nebraska with 10 inches reported at Blair and 8 inches at Fremont. Other snowfall reports included 6 inches at Omaha and 4 inches at Bellevue. Winds which gusted from 45 to 50 m.p.h. caused blizzard conditions at times with considerable blowing and drifting snow. Many schools and businesses closed.									
South Central and Southeast	7	Night			0	0	0	0			Heavy Snow
		Heavy snow fell in a band 40 miles wide centered along a line from Hastings to Auburn with the greatest amount at Tecumseh and Auburn with 12 inches. Nine inches fell at Beatrice, 5 inches at Hastings and Fairbury and 4 inches at Falls City.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

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	
Panhandle, Southwest, West Central and North Central	27-29	Afternoon thru Midday			0	0	6	0	Heavy Snow and Blizzard
									Record breaking heavy snow fell west of a line from O'Neill thru Broken Bow and Cambridge. Heaviest snowfall with excessive amounts of from 1 to over 2 feet fell in a region east of a line from Ainsworth to McCook and west of a line from Sidney to Merriman. In this area (Gallala) reported the greatest snowfall of 28 inches followed by 26 inches at Arthur, 25 inches at Tryon, Wallace and Hayes Center, 24 inches at Mullen and Stapleton, 22 inches at Theford, and 18 inches at North Platte. Winds gusting at times to 35 to 50 mph, caused blizzard conditions and drifted the snow to depths of 5 to 15 feet. Roads were blocked including I-80 from North Platte to Sidney stranding many persons. The snow occurred in the middle of spring calving resulting in the loss of thousands of calves. The wet snow downed utility lines and tree limbs, broke awnings and caused a number of roofs to collapse.
Panhandle and Southwest Nebraska	31 thru 4/1	Morning thru Midday			0	0	7	0	Heavy Snow
									Heavy snow fell south of a line from Scottsbluff to North Platte and McCook. Heavier snowfalls were 8 inches at Hayes Center, 7 inches at Imperial and 6 inches at Sidney. The snow put additional stress on cattle during the calving season.
NEVADA									NONE REPORTED
NEW HAMPSHIRE									NO DATA RECEIVED
NEW JERSEY (Northern)	21	a.m.			0	0	?	?	Heavy rain, winds
									Heavy rains and gusty winds tore across Northern New Jersey blowing off rooftops and promoted a ban on utility trailers and motorcycles the length of the New Jersey Turnpike.
NEW MEXICO									
Belen, Valencia County	3	3:00 p.m.			0	1	5	0	Windstorm
									Gusty winds associated with frontal passage destroyed three mobile homes and damaged others. Highest wind gust at nearby WSFO, Albuquerque, was 50 mph.
8 mi. North of Carlsbad, Eddy County	11	7:20 p.m.			0	0	0	0	Funnel Cloud
									Funnel cloud sighted in association with thunderstorm activity.
Clovis-Portales Area Curry and Roosevelt Counties	12	Daytime			0	0	4	3	Windstorm
									Strong, gusty winds damaged many structures, impeded highway traffic, and eroded cropland.
Eastern Plains, Sacramento Mountains Tularosa Basin and Mesilla Valley	31	Daytime			0	0	4	?	Windstorm
									Strongly deepening low pressure center and associated front caused extensive damage to structures and utility poles, soil erosion, and impeded highway travel due to blowing dust. Four to five inches of snow Raton area resulted in closing of Raton-Clayton highway. Winds reported to 74 mph at Canton AFB and Ruidoso Airport and to 92 mph at White Sands Missile Range.
NEW YORK									
COASTAL (Extreme Southeast, Nassau, Suffolk Co. Metropolitan Area)	13-15	a.m.			0	0	?	?	Snow, flurries, Sleet and Freezing Rain
									The blustery late-winter storm that began on the 22nd anniversary of the infamous Blizzard of 1888 dropped more than four inches of snow and sleet on the metropolitan area, causing numerous minor accidents. The storm ended on the 15th but strong winds with gusts of more than 25 mph lowered visibility and whipped up drifts of more than a foot in Westchester, Putnam and Rockland counties.
NEW YORK CENTRAL ONEIDA, HERKIMER, LEWIS, AND MADISON COUNTIES	11	5A-10P			0	0	4	0	SNOWSQUALLS
									SNOWFALL AMOUNTS RANGED FROM 3 INCHES IN VALLEYS TO 15 INCHES ON THE TUG HILL PLATEAU. STRONG GUSTS OF WINDS UP TO 60 MPH CREATED SNOWDRIFTS UP TO 3 FEET IN SOME AREAS. SCHOOLS IN THE WESTERN ADIRONDACKS WERE CLOSED AND MANY ROADS WERE CLOSED TO ALL BUT EMERGENCY TRAFFIC.
NEW YORK (continued)									
CENTRAL AREA WIDE	13-14	2P-3A			0	0	4	0	SNOW
									MANY SCHOOLS WERE CLOSED WHEN UP TO 14 INCHES OF SNOW FELL IN THE AREA. WINDS REPORTED GUSTING UP TO 52 MPH, DROPPED VISIBILITIES TO NEARLY ZERO CAUSING MANY TRAFFIC ACCIDENTS AND ONE INCIDENT WHERE A MAN IN ULSTER COUNTY WAS STRUCK (AND KILLED) BY A VEHICLE. IN ADDITION, SEVERAL CRITICAL TRAFFIC ACCIDENTS WERE REPORTED AND ONE FATAL. AT LEAST TWO DEATHS WERE ATTRIBUTED TO PEOPLE SHOVELING SNOW AND FOUR PERSONS INJURED BECAUSE OF ACCIDENTS WITH SNOW BLOWERS.
AREA WIDE	21-22	6A-1P			3	0	7	0	HEAVY RAINS AND STRONG WINDS
									HEAVY RAIN AND STRONG WINDS WASHED OUT MANY ROADS AND CREATED POWER OUTAGES FROM DOWNED TREES AND POWERLINES. UP TO 9.88 INCHES OF RAIN WAS REPORTED IN GREENE COUNTY. OTHER COUNTIES HARDEST HIT WERE ULSTER, SCHOHARIE, COLUMBIA, SULLIVAN, AND MONTGOMERY. WELLS IN ULSTER COUNTY WERE CONTAMINATED BY FLOOD WATERS, AND 440 FAMILIES WERE EVACUATED LEAVING OVER 50 FAMILIES HOMELESS. 483 FAMILIES IN THE AREA SUFFERED DAMAGE FROM THE STORM. 80 TO 45 MPH WINDS WERE REPORTED WITH GUSTS RANGING FROM 55 TO 80 MPH.
									IN SCHOHARIE COUNTY THERE WERE TWO REPORTS OF LIVESTOCK BEING DROWNED INCLUDING THREE COWS AND TEN CALVES, SIXTEEN SHEEP AND TEN LAMBS. THREE PERSONS WERE REPORTED DROWNED IN THE FLOODING: A 14 YEAR OLD BOY WHOSE RAFT OVERTURNED IN FLOOD WATERS, A 22 YEAR OLD MAN WHOSE AUTO BLUNGED INTO FLOOD WATERS IN ROCKLAND COUNTY, AFTER SLIDING OUT OF CONTROL ON THE ROAD, AND A 36 YEAR OLD MAN WHO WAS SWEEP AWAY BY FLOOD WATERS IN GREENE COUNTY WHEN HIS AUTO STALLED IN QUICKLY RISING WATERS.
NEW YORK WESTERN									NONE REPORTED
NORTH CAROLINA	1-2								Heavy Snow - Near Blizzard
									On the afternoon and evening of March 2, North Carolina experienced a major winter storm with heavy snow across the entire state and near blizzard conditions in the eastern part of the state. Snowfall totals were reported as 12 to 7 inches in the mountains, 6 to 8 inches in the piedmont, 12 to 18 inches in the coastal plain, and 7 to 12 inches in the southern coastal area ranging up to 25 inches at Elizabeth City. The winds in eastern North Carolina were 20 to 30 mph with gusts of 30 to 40 mph. Maximum gust recorded was 62 mph at Cape Hatteras. Winds caused snow drifts up to 8 feet. All travel in North Carolina came to a stop with many stranded motorists in eastern sections. Property damage was estimated at \$1.8 million with nearly \$10 million in Duplin County to the poultry industry. There were 13 storm related deaths:
Beaufort County									1
									Death from heart attack attributed to shoveling snow.
Duplin County									1 4
									Death from exposure. Four injuries caused by collapsed roof.
Onslow County									2
									Two deaths caused by a mobile home fire. Rescue and fire vehicles delayed due to impassable roads.
Pamlico County									2
									One death from heart attack attributed to shoveling snow. One death due to exposure.
Pender County									2
									Two deaths caused by exposure.
Lenoir County									3
									Two deaths by heart attack attributed to shoveling snow. One death due to exposure.
Hertford County									1
									One death caused by exposure.
Bertie County									1
									One death due to exposure.
Harnett County	17	10:00 pm			0	0	5	0	Wind
									High winds destroyed 3 barns, a tobacco pack house, and an automobile approximately 3/4 mile east of Billington. This storm moved north across Hwy 421 and damaged 2 other barns and various utility buildings.
Northampton County	24	11:25 pm	1.25	50-150	0	0	5	0	Tornado
									A tornado touched down in the southwest section of Rich Square. A roof was completely removed from a house and the west wall of another house was blown out. As the tornado moved eastward, several houses sustained damage. The tornado hit a school on Hwy 258 causing \$100,000 damage. The tornado struck the eastern end of Rich Square destroying several tin warehouses, two wooden buildings, and caused considerable tree damage.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

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 DAKOTA</b>									
Blaisdell 105E (Mountrail County)	12	Early Morning	--	--	1	0	0	0	Cold
A 66 year old man died of exposure after leaving his car which had become stuck in a ditch.									
<b>OHIO</b>									
Erie, Huron, Lorain, Medina, Cuyahoga, Lake Geauga, Summit Counties	21	8am-mdnt	-	-	0	0	4	0	High Winds
A cold front moved through northern Ohio with wind gusts of 50 to 70 MPH. There was some structural, tree and utility line damage.									
<b>OKLAHOMA</b>									
Southwest of Wynnewood Garvin County	16	4:30p			0	0	?	?	Hail
1 1/2 inch hail									
Ada, Pontotoc Co.	16	5:58p			0	0	?	?	Windstorm, Hail
Golfball size hail and winds up to 50 mph damaged trees in the area.									
Maud, Pottawatomie Co.	16	6:30p			0	0	?	?	Hail
Golfball size hail fell at Maud. Smaller hail covered the ground at Saint Louis.									
Antlers, Pushmataha County	20	afternoon			0	0	3	0	High Winds
Non-thunderstorm wind gusts lifted the roof off of a car wash. Some tree limbs were broken and dead trees were toppled.									
Sallisaw, Sequoyah County	20	2:30p			0	0	3	0	Windstorm
Power lines were knocked down. Two light planes were damaged with minor wind damage throughout the area. Marble size hail fell for about 10 minutes.									
Spiro, LeFlore Co.	20	afternoon			0	0	3	0	Windstorm
Awnings and windows were damaged as thunderstorms moved through the area.									
Lake Chickasha, Caddo County	23	3:56p			0	0	4	0	Windstorm
Straight winds over turned a mobile home and damaged an awning and carport. Hail, up to marble size, fell with winds estimated at 40 to 50 mph.									
West of Tuttle, Grady County	23	4:15p							Funnel Cloud
Norman, Cleveland County	23	4:20p			0	0	5	0	Windstorm
A wall cloud structure was first observed from near I-35 and Robinson. The storm moved northeast and overturned a plane at Weatherizer Field. The roof was lifted off of a reinforced concrete warehouse in the 2000 block of Industrial Blvd. Cars started to lift off of the ground at this location. Outbuildings, TV antennas, and fences were damaged at homes on NE 12th, north of Rock Creek RD. Four telephone poles and numerous trees were damaged in the area of NE 34th and Tecumseh. All the damage was, apparently from straight winds.									
Oklahoma County	23	afternoon	short	narrow	0	0	4	0	Tornado, Windstorm
At about 4:25 pm, a strong straight winds caused minor damage to a number of homes and apartment complexes near SW 68 and May Ave. in Oklahoma City. A condensation funnel was observed on the ground for about 30 seconds. Most, if not all, of the damage was due to the straight winds.									
At about 4:45 pm, straight winds ripped the southwest corner of the roof off of the Days Inn Motel at I-40 and Meridian. Several other businesses in that area were also damaged.									
Additional wind damage occurred throughout the County as the storm moved east northeast.									
Cushing, Payne County	23	5:15p			0	0	3	0	Windstorm
Winds, with gusts reported up to 70 mph, damaged a carport and storage shed.									
Sayre, Beckham County	23	?			0	0	3	0	High Winds
Strong straight winds, not associated with a thunderstorm, overturned a mobile home which was not tied down.									
3 East of Afton, Ottawa County	23	7:30p			0	0	2	0	Windstorm
Winds destroyed a farm machine shed.									
Watonga, Blaine County	23	evening			0	0	2	0	High Winds
Strong straight winds, behind a cold front, produced gusts up to 55 mph. Large plate glass windows were blown out of two businesses.									

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>									
NW of Wagoner, Wagoner County	23	evening			0	0	3	0	Windstorm
A mobile home was moved off its foundation and some windows were broken.									
Madill, Marshall County	23	?			0	0	3	0	High Winds
Strong winds (not associated with thunderstorms) took the roof off of a storage shed at the south edge of town. An outbuilding was destroyed north of the city.									
5 SW of Elk City, Beckham County	31	8:00p			0	0	3	0	Windstorm
Winds blew the roof off of a mobile home. The three occupants were not injured.									
Near Altus, Jackson County	31	9:00p	short	narrow	0	0	3	0	Tornado
A short lived tornado touched down briefly at a farm about 4 miles east and 1 mile north of Altus. A half-full, 1200 gallon, water tank was moved about 200 yards. A large tree was uprooted with additional damage to a home and car. A circular debris pattern was evident.									
<b>OREGON</b>									
NONE REPORTED									
<b>PACIFIC</b>									
NO DATA RECEIVED									
<b>PENNSYLVANIA</b>									
<b>EASTERN South Portion</b>									
	1	6 PM to							
	2	5 AM EST			0	0	2	0	Snow
Snowfall resulted in 1 to 3 inches accumulation. This caused some automobile accidents.									
South Portion	8	6 PM to 9 PM EST			0	1	5	0	Wind, Hail Electrical
Thunderstorms moved across the area accompanied by high wind gusts. Wind gusts hit 85 miles per hour at Reading Airport where five airplanes were flipped over. Throughout the area trees and tree limbs were broken off, trees uprooted, power lines downed, windows broken, roofs or portions of roofs torn off, and damaged other parts of buildings. A few small buildings and some larger ones were almost completely destroyed. Greenhouses were blown off their foundation and destroyed and a mobile home was blown off its foundation. One man was slightly injured in the mobile home. Hail fell at several locations and accumulated 1 to 2 inches deep in spots. Lightning caused one fire and severely damaged one house.									
Spring Grove, York County	10	9:45 PM EST			0	0	4	0	Electrical
Lightning struck a small barn causing a fire which destroyed the barn and its contents. Thunderstorms and lightning occurred throughout Eastern Pennsylvania, but little damage resulted. In Bucks County hail was reported up to one-half inch diameter.									
Eastern Pennsylvania	13	6:00 AM to 1:00 PM EST			0	0	3	0	Heavy Snow
A mixture of snow, sleet, freezing rain, sleet and rain fell over the eastern part of Pennsylvania. The precipitation was mostly all snow north portion with a little sleet or freezing rain mixed in at times. Accumulations of 6 to 12 inches occurred there. Over the southern section the snow mixed with and even changed to all sleet and freezing rain at times. In the southeast corner of the state it even changed to all rain for a time. Accumulations reached 2 to 6 inches south portions. Strong wind gusts accompanied the precipitation reaching 45 to 48 miles per hour in some locations. Slippery roadways caused many automobile accidents with accompanying injuries and one death. One accident involved a school bus and 19 students received minor injuries.									
Temple, Muhlenberg Township, Berks County	18	5:00 to 5:15 AM EST			0	0	5	0	Wind
Strong wind gusts over 40 miles per hour accompanying thunderstorms caused minor damage throughout eastern Pennsylvania. Especially strong gusts caused considerable damage around Temple, Muhlenberg Township. Part of the roof and an entire wall of a large factory building were blown away. The winds also toppled a few trees, damaged roofs on homes and other buildings and toppled a cinder-block garage. The garage and one tree fell on automobiles. Most of this damage was confined to a path about one-quarter mile long.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>PENNSYLVANIA (continued)</b>									
<b>EASTERN</b>									
Factoryville, Wyoming County	18	4:30 AM EST	.3	13	0	0	3	0	Tornado FPP 100
									The tornado cut a swath through some trees then damaged some house trailers. Windows were blown in and storage sheds blown about or crumpled. A large aluminum awning that had been lying on the ground was carried 325 feet and smashed through the side of a mobile home.
Fulton, Franklin, Adams Counties	21	4:00 PM to 10:00 PM EST			0	0	4	0	Wind, Heavy Rain
									High wind gusts, which accompanied a cold front and thunderstorms, continued after the front passed and resulted in some damage. Trees and tree limbs were downed and a mobile home in Fort London, Franklin County, was almost completely destroyed. Almost the entire roof was torn off a large barn in Carroll Valley, Adams County. Heavy rains caused a number of rock slides in Fulton County. Over many sections of Eastern Pennsylvania, especially north, snow fell; with accumulations up to 4 inches over higher elevations.
Eastern	31	5 PM to midnight EST			0	0	4	0	Heavy Snow
									A late season snowfall accumulated 2 to 6 inches over the eastern half of Eastern Pennsylvania. The heaviest amounts were 4 to 6 inches in Chester, Montgomery and Bucks Counties. The heavy wet snow brought down tree limbs and utility lines and a few trees. It also caused slippery driving conditions which resulted in automobile accidents.
<b>PENNSYLVANIA WESTERN</b>									
			NONE REPORTED						
<b>PUERTO RICO</b>									
Off Culebra	7	1400 p.			0	0	0	0	Waterspout
Vieques Passage	14	1145 a.			0	0	0	0	Waterspout
<b>RHODE ISLAND</b>									
Along rivers	22	All day			0	0	4	0	Flooding
									The Blackstone and Pocasset Rivers overflowed and caused flooded basements and roads.
<b>SOUTH CAROLINA</b>									
Statewide	1-2	0330 3/1 2230 3/2			1	0	5	5	Winter Storm Heavy Snow, Freezing rain and drizzle and sleet
									A combination of winter storm elements fell across the state during a two day period. The predominate element was snow as 8 to 10 inches or more were reported in the extreme northern portion of the state. Hundreds of minor traffic accidents were reported across the state with a few serious accidents. Five (5) weather related traffic fatalities were reported. One (1) man died from exposure during the winter storm in Georgetown County.
Statewide	3	Early morning hours							Extreme cold temperatures
									Following the record snowfall amounts of March 1st and 2nd, record low temperatures were reported across the state on Monday morning. The coldest temperatures for so late in the season were reported for almost every reporting station. Cedar Creek recorded a minus 8°F, Johnston 10°F and Columbia 4°F just to mention a few.
Estill, Hampton County	8	1420	1	20	0	6	5	0	Tornado
									Small tornado touched down in the town of Estill, destroying several trailers and taking the roof off of two homes. Minor damage was done to the roofs of several other homes and buildings. One auto was damaged when a mobile home rolled onto it.
<b>SOUTH CAROLINA (continued)</b>									
Statewide	12-14	2200 3/12 1500 3/14			0	0	6	5	Flooding over southern portion of state
									Low pressure system dumped 3 to 5 inches of rain over much of the southern portion of the state that was already saturated with rain from a few days earlier. The worst flooding took place at Summerville where more than 400 persons were evacuated from their homes. Twenty-five homes lost all their furniture and approximately 25 more were damaged to some degree. Some of the homes had as much as 4 to 5 feet of water in them. Also an earthen dam burst in Allendale County which caused a 100 yard section of U.S. 321 near Fairfax to be washed away. A road tractor that was testing the road was destroyed, plus several secondary road bridges, and the foundation of an unoccupied cinder block house. The low pressure system also produced gale force winds along coastal S.C.
Northwest	13	Early Morning until early afternoon			0	0	4	4	Sleet and snow over northwest S.C.
									A wedge of cold air dumped up to 2 inches of snow in some areas and cold temperatures caused icing on road ways. A large number of traffic accidents occurred with resulting fatalities.
Statewide	15-31				0	0	5	5	Flooding
									Repeated rains during the last half of the month caused flash flooding upstate on the 17 and 21st. General flooding developed during the last week on most rivers over the state.
<b>SOUTH DAKOTA</b>									
			NONE REPORTED						
<b>TENNESSEE</b>									
East	1-2						?	?	Heavy snow
									General snowfall across the eastern part of the state deposited amounts of 3 to 4 inches over the area. U.S. Highway 461 was closed for sometime due to ice and snow cover in the mountains. Travel was disrupted, and schools were once again hampered on Monday the 3rd. Knoxville reported 4 inches of snow with some 4-to-6-inch amounts in the higher elevations of East Tennessee. The snowstorm was accompanied by record cold temperatures on the 3rd.
Townsend, Blount County	7	6:30 p.	.1	20			3		Small tornado
									A small tornado touched down briefly demolishing a concrete block garage in the Bry Valley area of Townsend. Other structures in the immediate vicinity including several mobile homes were not affected. Several cement blocks fell on a car parked inside the garage.
Alcoa, Blount County	8	4:42 p.					?	?	Hail
									Half-inch hail fell at the Knoxville Airport at 4:42 p.m. In the area east of the airport in the vicinity of Walland, half inch to one inch hail was reported to the National Weather Service at 6:15 p.m.
Memphis, Shelby County	16	11:05 p.			1	2	5	0	Heavy rains
									Rains of 3 to 5 inches over the Nonconneh Creek drainage area caused a rapid rise of water in the creek. Debris washed downstream by the heavy rains piled up against the bridge pilings of the Perkins Road bridge and was credited with causing the collapse of a portion of the bridge. Two cars plunged into Nonconneh Creek after the bridge collapsed. Two people in the first car swam to safety, and one person in the second car drowned. No flooding was reported though the heavy rains caused most creeks and streams to reach bankful.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

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	
TENNESSEE (continued)									
Statewide except the northeast corner	20	All Day			1	6	?		Heavy rains, Flash flooding, flooding
<p>Rains across the state Thursday came on the heels of general rains the previous Sunday with runoff sending creeks and rivers out of their banks. Areas especially hard hit were Franklin in Williamson County and Chattanooga in Hamilton County. Rains of 2 to 3 inches affected the west, middle and southeast sections of the state while 4 to 6 inch rainfalls were recorded in an area bounded by Franklin, Crossville, Bradley, Fayetteville, and Franklin. Some rainfall amounts for the 24- to 30-hour period ending early Friday morning included Memphis-2.2", Nashville-1.9", Crossville-4.4", Knoxville-2.8", Cleveland-5.4", Chattanooga-5.77", and Bristol-11.5".</p> <p>The immediate effect of the heavy rains was to produce flash flooding in middle and southeast Tennessee. Creeks came out of their banks closing many roads and washing out bridges in several counties. Damage to roadways and bridges was extensive in the areas of heavy rains. Rock and mud slides in the Chattanooga area caused problems for motorists.</p> <p>At Rowells Crossroads in Marion County, residents in a cove of homes were evacuated when water overflowed an earthen dam above the houses.</p> <p>In Chattanooga, a 72-year-old man drowned when he tried to walk to safety after his car stalled in flood waters on the South Chickamauga Creek.</p> <p>During the next three days, rivers serving the area crested above flood stage. On the Harpeth River at Franklin, the river stage reached 10 feet above flood stage, the Duck at Columbia crested 8 feet over flood stage, and the Elk at Fayetteville rose 4 feet above flood stage.</p>									
Memphis, Shelby County	20	8:30 p.				4			High winds
<p>High winds with thundershowers moving across southern Memphis caused roof, glass, and auto damage in an apartment complex on the southeast side of Memphis. Windows were blown out of many apartments in the Cheshire Apartments in the Parkway Village area. In addition, several apartments sustained heavy roof damage, and about 25 cars were damaged by the flying debris. Winds at the Memphis International Airport gusted to 32 miles an hour around 8:30 p.m. and to 42 miles an hour around 11:22 p.m.</p>									
Murfreesboro, Rutherford County	24	12:30 p.	3	150	0	2	5	0	Tornado
<p>The tornado which struck the northeast section of Murfreesboro was associated with the southern end of a narrow line of short-topped thunderstorms ahead of a cold front. Thunderstorm tops were 22 to 23 thousand feet. The tornado moved from the southwest to the northeast at an estimated speed of 40 miles an hour. About 30 homes, 8 businesses, and the Oak and High School Gymnasium were damaged or destroyed. One injury occurred in a residence and one injury occurred at the school where a boy was thrown into a fireplace.</p>									
TEXAS									
NORTHERN									
Cherokee and Wacogdoches Counties	17	5:45 a-6:10 a	10	100	0	0	4	0	Tornado
<p>A small tornado travelled from 4 miles south of Alto, in Cherokee County to 2.3 miles south of Douglas in Wacogdoches County. The tornado destroyed a carport and damaged a shed and two barns south of Alto. A number of trees were uprooted. South of Douglas, a barn was destroyed and several chicken houses were damaged on Farm Road 225. The tornado moved toward the east-northeast.</p>									
Southwest Van Zandt County	17	12:00 p			0	0	4	0	Lightning
<p>Lightning struck and set fire to three oil storage tanks northeast of Mabank. Heavy damage occurred to the tanks and the oil.</p>									
Wichita Falls, Wichita County	23	5:00 p			0	0	4	0	Wind
<p>Winds behind a Pacific cold front reached 56 MPH at Wichita Falls Airport. Heavy damage occurred when several exposed wall sections of an apartment under construction on Southwest Parkway collapsed.</p>									
Concho County	27	5:15 p-5:40 p			0	0	?	?	Hail and Funnel Clouds
<p>Golf ball size hail and several funnel clouds were observed as a severe storm moved from Tdm Green into northwest Concho County. Most of the hail fell northwest of Paint Rock.</p>									
Winters, Rannels County	27	5:30 p			0	0	?	?	Hailstorm
<p>A severe thunderstorm produced golf ball size hail in Winters. The extent of any damage was not known.</p>									
Santa Anna, Coleman County	27	7:05 p			0	0	?	?	Hailstorm
<p>Three-quarter inch hail apparently did very little damage.</p>									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM																											
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TEXAS (continued)																																				
NORTHERN																																				
Eastland, Eastland County	27	7:15 p			0	0	0	0	Hailstorm																											
<p>Large marble hail occurred briefly in Eastland. The report was made by Eastland storm spotters.</p>																																				
Lake Leon, Comanche County	27	7:35 p			0	0	?	?	Hailstorm																											
<p>Three-quarter inch hail was reported by Storm Spotters.</p>																																				
Hood and Johnson Counties	27	10:00 p	15	?	0	0	?	?	Hailstorm																											
<p>Heavy marble size hail completely covered the ground in an 18 mile long path from east of Granbury in Hood County to Joshua in Johnson County. Damage was apparently light and limited to vegetation.</p>																																				
6 SW Tyler Airport, Smith County	29	6:40 a			0	0	0	0	Tornado																											
<p>A tornado touched down briefly in an open area 6 miles southwest of the Tyler Airport. The report was made by the Smith County Sheriff's office.</p>																																				
Atlanta, Cass County	29	7:28 a			0	0	0	0	Hailstorm																											
<p>Three-quarter inch hail fell at Atlanta, causing little or no damage.</p>																																				
Hardeman County	31	7:45 p			0	0	?	?	Hailstorm																											
<p>Golf ball size hail was reported at Quanah and 5/4 inch hail at the Copper Breaks State Park. Damage was apparently negligible.</p>																																				
TEXAS SOUTHERN																																				
All of southern Texas	2	early morning			0	0	0	7	Unusual Cold																											
<p>On February 29 an unusually severe surge of Arctic air blasted southward to the southern tip of Texas and during the day March 1 the cold air continued to advect southward on 30 to 50 mph winds. Clear, calm conditions during early morning hours of March 2 allowed record breaking low temperatures to occur and this resulted in substantial agricultural losses. Some of the notable records set were these:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>City</th> <th>Temperature</th> <th>Record</th> </tr> </thead> <tbody> <tr> <td>Austin</td> <td>19</td> <td>Coldest this winter, this date; second coldest for March</td> </tr> <tr> <td>Beaumont</td> <td>25</td> <td>Coldest for this date, second coldest for March</td> </tr> <tr> <td>Brownsville</td> <td>32</td> <td>Tied coldest for this date.</td> </tr> <tr> <td>Corpus Christi</td> <td>24</td> <td>Coldest this winter, coldest this date, coldest for March</td> </tr> <tr> <td>Galveston</td> <td>26</td> <td>Coldest for this date, for March, &amp; so late in season.</td> </tr> <tr> <td>Houston</td> <td>22</td> <td>Coldest for this date.</td> </tr> <tr> <td>San Antonio</td> <td>19</td> <td>Coldest for this winter, for this date, for March, and for so late in the season.</td> </tr> <tr> <td>Victoria</td> <td>21</td> <td>Coldest this winter, for this date, for March, and for so late in the season.</td> </tr> </tbody> </table> <p>Valleys and canyons in the Hill Country and southern Edwards Plateau area had even lower temperatures in the low teens, such as Junction, Kerrville, Johnson City, Llano.</p> <p>In the Hill Country many sheep and goats had recently been sheared and were lost due to their vulnerability to the cold and wind. Some ranchers reportedly lost 80 to 90 percent of their herds although total losses were not known as of this report time. Counties suffering greatest livestock loss included Menard, Mason, Llano, Burnet, Kimble, Gillespie, Blanco, Val Verde, Edwards, Kerr, and Kerrill.</p> <p>Fruit orchards were also hurt badly throughout the Hill Country. Temperatures over 80 degrees during the last week of February had caused flower buds to open on peach and plum trees. The cold nipped the buds causing loss of some 40 to 60 percent of potential fruit. Exact loss from this cold spell was hard to determine as a subsequent freeze on March 18 caused further damage. Hardest hit were orchards in Gillespie, Blanco, and adjacent counties where the normal peach crop would have been valued at over \$3 million.</p> <p>In the coastal bend area from Victoria to Coliad to Corpus Christi sprouting cotton, grain sorghum, and vegetables were killed. These crops had to be replanted resulting in lost investment.</p> <p>In the Lower Rio Grande Valley the brief freezing temperatures caused slight damage to cucumbers, melons, and cotton. Hardy crops and citrus were also damaged by wind burn. The coldest spot in the Lower Rio Grande Valley was at San Manuel where a minimum of 28 F produced about a 5 percent loss of watermelons.</p> <p>Unaccountable losses were suffered throughout south Texas by those who had invested in early spring garden crops.</p>										City	Temperature	Record	Austin	19	Coldest this winter, this date; second coldest for March	Beaumont	25	Coldest for this date, second coldest for March	Brownsville	32	Tied coldest for this date.	Corpus Christi	24	Coldest this winter, coldest this date, coldest for March	Galveston	26	Coldest for this date, for March, & so late in season.	Houston	22	Coldest for this date.	San Antonio	19	Coldest for this winter, for this date, for March, and for so late in the season.	Victoria	21	Coldest this winter, for this date, for March, and for so late in the season.
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Mission, Hidalgo Co.	17	Noon							Funnel Cloud																											
<p>A funnel cloud was reported over Mission as a southeastward moving line of thunderstorms passed through.</p>																																				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>SOUTHERN</b>									
All of southern Texas	18	early morning			0	0	0	6	Unusual Cold
		Another severe late winter Arctic surge hit Texas causing record lows for the date at sunrise on the 18th. Worst hit was the Texas Hill Country and adjacent Edwards Plateau where low temperatures were in the low 20s. Temperatures were generally at or below freezing northwest of a line from Austin to San Antonio to Del Rio with scattered spots suffering freezes south of this line, especially in low lying prairies. Peach and plum orchards in Gillespie, Blanco, and surrounding counties which were hurt by the March 2 freeze were essentially finished off by this freeze. What buds had survived the first freeze were in full bloom when this freeze hit. Final freeze losses in the orchard areas amounted to 90 or 95 percent of the potential crop. Throughout south Texas small home gardens and commercial truck gardens had to be replanted.							
Travis Co.	27	8:30 am			0	0	4	0	Heavy Rain
		Thunderstorms dropped about 3 inches of rain over Travis County and Austin during the early morning rush hour. Over 130 cars were stalled on city streets with some sustaining water damage as rainwaters quickly built up on major thoroughfares. Streets also were damaged by the swift running waters. Shoal Creek overtopped the bridge at 38th Street and Boggy Creek in east Austin overflowed into residential areas by early afternoon. No significant flooding of buildings was reported however.							
Brazos Co.	27	late morning			0	0	?	?	Heavy Rain
		Thunderstorms over the county dropped some 4 inches of rain. During the morning hours the heaviest rain and worst urban flooding occurred at College Station where 4.2 inches of rain fell. Water backed up to apartment complexes on Redmond Drive and later in the day water covered Highway 30 east of College Station. A number of vehicles were reported flooded.							
Houston, Harris Co.	27	late morning			0	0	3	0	Lightning
		Lightning struck the roof corner of Gates Elementary School on Wallisville Road. A brief fire started as the lightning sparks ignited a row of birds' nests in the rafters of the school attic. There were no injuries despite having to evacuate the school during the thunderstorm.							
Jefferson Co.	27	afternoon			0	0	5	0	Heavy Rain
Orange Co.	27	afternoon			0	0	4	0	Heavy Rain
Hardin Co.	27	afternoon			0	0	?	0	Heavy Rain
		Heavy downpours hit these three counties during the morning and continued intermittently through the afternoon. Drainage facilities were already full before the rains hit and this led to quick urban and flash flooding. Worst hit was the city of Beaumont where downtown received 5 inches of rain by evening and west side areas had up to 7 inches. Numerous cars were damaged by flood waters which topped their hoods in city streets. Several cars were submerged in underpasses, particularly at 4th St. and Irving St. No injuries were reported in these mishaps. In northern Jefferson Co. Pine Island Bayou exceeded floodstage causing unknown damage in suburban residential areas. South of Beaumont some flooding occurred as waters drained down Hillsbrandt Bayou. Farm Road 367 was closed to Hillebrandt Acres as the Bayou spilled out of banks. No damage to homes in the area was reported.							
		In Orange County the city of Orange experienced urban flooding along Simmons Dr. where many apartments were threatened. Drainage ditches flooded extensively along Bob Hall Road. Elsewhere in Orange County the communities of Vidler, Lakewood, Maple Crest, and Echo Forest experienced extensive urban flooding.							
		In Hardin County areas along Pine Island Bayou flooded late on the 27th and into the 28th, especially downstream from Sour Lake. Some moderate flooding occurred along Village Creek also but damage figures were not known.							
Robertson Co.	29	7:30 am			0	0	?	?	Hail
		A line of early morning severe thunderstorms moved northeastward through Robertson County. The strongest storm produced golfball size hail from the Brazos River to Earne and northeastward for a few miles over rural areas. Extent of property damages was not known.							
<b>TEXAS</b>									
<b>WESTERN</b>									
Muleshoe, Bailey County	12	2:00p			0	0	5	5	Windstorm
		Early on the afternoon of the 12th, after winds had been gusting to 20 and 30 mph for several hours, the winds suddenly strengthened. The cause of the wind event was an upper-level low pressure area moving eastward into Northwest Texas. Winds by mid-afternoon were estimated to be near 60 mph, at times halting traffic on highways in northern Bailey County. Damage was reported to roofs of several homes in Muleshoe, and some damage was done to winter wheat in fields near Muleshoe. By late evening the winds had subsided and no further damage was indicated.							
<b>TEXAS (continued)</b>									
<b>WESTERN</b>									
Olton, Lamb County	27	2:10p	1	20	0	0	0	0	Tornado
		A small tornado was sighted by an Olton Civil Defense Spotter 8 miles north of the town. The tornado was rope-shaped, about 20 yards wide, and on the ground approximately 1 mile. Movement of the tornado was toward the northeast at 30 miles an hour. As it occurred in open country no damage was reported.							
Nazareth, Castro County	27	2:10p	4	Narrow	0	0	0	0	Tornado
		A small tornado was reported in open country just to the northwest of Nazareth by the Castro County Sheriff's Department. The tornado was moving toward the northeast at approximately 30 miles an hour and was visible for nearly 10 minutes. No damage was noted.							
Colorado City, Mitchell County	27	2:20p	2	Narrow	0	0	0	0	Tornado, Hailstorm
		Heavy rain, followed by large hail (golfball sized), was reported at Colorado City by the Police Department, just as a tornado was reported to have touched down near Spade, some 10 miles southwest of Colorado City. The tornado began moving toward the northeast. Schools in Colorado City were notified just as they were about to dismiss students. The students were held in place. No damage was reported as the tornado dissipated in open ground. No damage was reported from the hail as well.							
Crosby County, Dickens County	27	4:45p	13	50	0	0	3	0	Tornado
		Department of Public Safety Officers reported a tornado seen by the public and spotters at White River Lake. It was visible from Spur, several miles away. Described as being 50 yards wide, it was lifting up and down and only touched the ground a small part of the time. The tornado crossed eastward into Dickens County, turned northeastward, and crossed between Spur and Dickens. It overturned a chicken coop near Spur and then dissipated. No other damage was reported.							
McAdoo, Dickens County	27	5:15p	1	20	0	0	5	0	Tornado
		A small tornado was spotted as it touched the ground 3 miles northwest of McAdoo. The tornado was moving toward the northeast. An eyewitness reported strong wind along with heavy rain (nearly 1 inch was reported) followed by marble-sized hail. The tornado occurred following the hail. The witness escaped the tornado by jumping into a nearby cellar. The tornado destroyed a roof of a barn, damaged a house and overturned a cotton trailer after moving it 200 feet. 2 by 4's were driven 3 feet into the ground by the tornado. It also destroyed a hog pen. The witness to the tornado reported a loud roaring sound as it passed him.							
Tom Green County, Concho County	27	5:15p			0	0	0	0	Funnel
		A funnel was spotted by Department of Public Safety Officers 1 mile northeast of Veribest. The funnel was visible as it traveled northeastward into Concho County, almost 15 miles away.							
San Angelo, Tom Green County	27	5:25p			0	0	0	0	Funnel
		A funnel cloud was sighted by Department of Public Safety Officers at the intersection of Loop 306 and State Highway 388 just east of the City of San Angelo. The sighting was reported by the public at the same time. The funnel was very short-lived.							
Western Texas	31	6:00a - 9:00p			0	0	5	5	Windstorm
		Early on the morning of March 31st, a cold front and surface low in Central New Mexico began to intensify and move eastward. The front swept through West Texas by approximately 6 p.m. that evening, with the strong winds behind the front continuing until late night. The combination of winds gusting in excess of 50 mph as well as significant blowing dust and sand across much of the area caused widespread minor damage and great inconvenience to West Texans. Visibilities had decreased to below 3 miles over much of West Texas by noon and remained very low until nearly 9 p.m. Among wind and visibility reports received were: Amarillo - 52 mph, visibility 4 miles; Dalhart - 52 mph, visibility 2 miles; El Paso - 74 mph, visibility 2 1/2 miles; Wink - 55 mph, visibility 1 mile; Midland - 49 mph, visibility 1 1/2 miles; and Lubbock - 60 mph, visibility zero. Carports were reported to have had tin roofs tipped from them, trees were uprooted, fences damaged, glass shattered and some power lines were knocked down. A mobile home in Bobker, in the Panhandle, was severely damaged. No other major damage was indicated. Winter wheat was damaged in fields. Again, the damage was not major, but was very widespread across the Panhandle and northern portion of the South Plains.							
<b>UTAH</b>									
		NONE REPORTED							

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1980

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>VERMONT</b>									
BENNINGTON COUNTY	14	3A-9A			0	0	3	0	WIND
									MANY RESIDENTS WERE WITHOUT POWER WHEN STRONG WINDS DOWNED TREES AND POWERLINES.
WASHINGTON COUNTY	18	9A-5P			0	0	4	0	HEAVY RAIN
									HEAVY RAIN WASHED OUT MANY ROADS AND FLOODED CELLARS IN MANY AREAS. ROADS AND CELLARS WERE FILLED WITH KNEE HIGH WATER. SEVERAL SCHOOLS WERE CLOSED BECAUSE OF MUDDY CONDITIONS OF BACK ROADS AND TRAFFIC CLOSED ON SOME OF THE MAJOR ROADS.
CENTRAL AND SOUTHERN VERMONT	21-22	6P-9A			0	0	5	0	HEAVY RAIN AND STRONG WINDS
									HEAVY RAIN AND STRONG GUSTY WINDS DOWNED MANY TREES AND POWERLINES FLOODED ROADS AND PLACED DEBRIS ON MAJOR HIGHWAYS. A BARN WAS BLOWN DOWN IN SHAFTSBURY, BENNINGTON COUNTY, BECAUSE OF THE STRONG GUSTY WINDS.
<b>VIRGINIA</b>									
Statewide	1-2				2	0	0	0	Snow
									Low center moved northeastward out of the eastern Gulf of Mexico and resulted in widespread heavy snow. Tidewater, especially hard hit with the southeastern corner of the state paralyzed for the second time in less than a month, as winds gusted to over 50 mph and temperatures ranged quite low - bringing blizzard conditions. Snow began the morning of the 1st in the western edge of the state... reaching the eastern counties during the afternoon and evening... and lasted between 30 and 36 hours, generally. Depths ranged from 3 to 8 inches in the far southwest portion, 8 to 12 inches in the north and central sections, 12 to 20 inches in the southeast. Norfolk measured nearly 14 inches, the greatest since 1892, while a 20-inch total was reported at Virginia Beach. A state of emergency was declared in the Norfolk area due to blocked roads, forcing thousands to become stranded. Nearly 2,000 circus-goers spent the night of the 2nd in the Norfolk "Scoppe" center, since only emergency vehicles were allowed on the roads. Adding to the problem was the fact that normal snow removal systems were not geared for snowfall of this dimension, and secondary roads remained impassable two days after the storm. Exposure was at least partly responsible for the deaths of a man in Richmond and a woman in Suffolk, who were found in the snow. There were at least three fatal heart attack victims, along with two others killed in traffic accidents. Monetary loss in this storm difficult to assess... while there were no reports of damage, millions of dollars were required for clean-up operations... much above allotted budgets. As a final note, this storm topped off what has been termed the snowiest winter on record in Norfolk with total snow depth close to 42 inches. The previous record was 38 inches set in the winter of 1935-36.
Western & Central	13	All Day			0	0	4	0	Freezing Rain, Sleet, Snow
									Began in the early morning over the west portion and continued through the afternoon in the central portion. Accumulations of ice were responsible for considerable tree and power line damage, especially over the north central counties, with official in Prince William County calling it the worst ice storm in many years. Roads were hazardous and many cars were abandoned along interstate highways west of the Blue Ridge. Heavy snow was confined to the extreme west central portion with 4 to 9 inches of mixed snow and ice over Rockingham County, 8 to 12 inches of snow in Highland County. Damage estimated at \$15,000 due mainly to ice accumulation on wires and trees.
Statewide	21-22				0	0	4	0	Wind, Rain
									Intense low center moved from the lower Great Lakes region eastward off the mid-Atlantic coast; Wind gusts to over 50 mph beginning the night of the 1st, continued on the 2nd. Scattered power outages were reported, especially in Montgomery and Giles Counties. The Chesapeake Bay Bridge-Tunnel was closed to recreational vehicles and empty tractor trailers most of the 2nd. Near Afton, Augusta County, some \$2,000 damage was done to one home, as wind tore a porch roof off and destroyed a storage shed. At Elliston, Montgomery County, a trailer home was also completely demolished. Some minor flooding of roads was reported over the extreme south central sections, and also in the Richmond area. Total damage estimated at around \$25,000 mainly due to wind.
<b>VIRGIN ISLANDS</b>									
Off St. Thomas	11	1100 a.			0	0	0	0	Waterspout
Off St. Thomas	28	0830 a.			0	0	0	0	Waterspout
<b>WASHINGTON</b>									
									NONE REPORTED
<b>WEST VIRGINIA</b>									
Statewide	1-2				0	0	3	0	Heavy Snow
									Heavy snow fell during the afternoon and into the night. The mountains received from 10 to 14 inches with 5 to 8 inches over the south and Eastern Panhandle. Lesser amounts fell over the northern and northwestern counties with only a trace in the Northern Panhandle.
Mountains and Eastern Panhandle	12-13				0	0	2	0	Heavy Snow Freezing Rain
									Heavy snow, often mixed with freezing rain and sleet, blanketed the mountains and Eastern Panhandle. 6 to 10 inches of snow fell by the morning of the 13th. Freezing rain left a 1/2 inch glaze over some south-eastern counties resulting in very hazardous driving conditions.
Statewide	21	aftn & evening			0	0	3	0	High Winds
									Strong winds hit the state following the passage of an intense low pressure center and associated cold front. At 1230pm Mt. Storm, in Grant County, reported a wind gust to 80 mph. The Eastern Panhandle city of Martinsburg clocked a speed of 56 mph at 840pm. No significant damage was reported.
<b>WISCONSIN</b>									
									NONE REPORTED
<b>WYOMING</b>									
									NONE REPORTED



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