

JANUARY 1976

VOLUME 18

NUMBER 1

# 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."

*Thomas D. Potter*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS		
<b>ALABAMA</b>										<b>GEORGIA</b>										
Birmingham, At the intersection of 19th Street and 10th Avenue South	13	7:05p	800 yds	50	0	1	5	0	Tornado	Allatoona Dam near Cartersville	26	6:00 a.	0	0	0	0	3	0	Lightning	
<p>A fast moving squall line passed through the Birmingham area on the evening of January 13th. Locally heavy rains and some high winds accompanied the line. A tornado described as a mini-tornado struck at 19th Street and 10th Avenue South in Birmingham at 7:05 pm. A portion of a roof was ripped off an office building and a roof-mounted air conditioning unit was hurled northward (right angle to the storm path) against the wall of an adjacent parking deck. A roof-mounted jogging track was blown off the YMCA Building and several windows were broken. A basketball game was in progress at the YMCA when the storm hit and one boy was injured by flying debris, but hospitalization was not required. Several other buildings had windows blown out.</p>										<p>One phase of a 11,000 volt line at the Allatoona Dam Power House was damaged considerably when hit by lightning.</p>										
<b>ALASKA</b>	NO STORM DATA REPORT RECEIVED FOR THIS STATE									<b>HAWAII</b>										
<b>ARIZONA</b>	NONE REPORTED									15 mi. SSW Waikiki, Oahu	11	3:55p.								Funnel clouds
<b>ARKANSAS</b>	NONE REPORTED									10 mi. S Kahoolawe Island	16	5:14p.								Waterspouts
<b>CALIFORNIA</b>										Off Milolii, Hawaii Island	17	4:00p.								Waterspout
NORTHERN & CENTRAL	NONE REPORTED									Off Laau Point, Molokai	24	7:09a.								Waterspouts
SOUTHERN	NONE REPORTED									Kenui Road, Sunset Beach, Oahu	31	early morning			0	0	4	0		High surf
<b>COLORADO</b>	SEE END OF TABLE									<p>After several days of beach erosion by 10 to 12 feet high surf caused by west-northwesterly swells, high surf of 12 to 15 feet eroded the foundations of a few homes and caused part of a house to slip into the ocean along a short portion of the beach.</p>										
<b>CONNECTICUT</b>										<b>IDAHO</b>										
All	12	All day			0	0	0	0	Heavy snow	Payette, Adams, and Washington Counties	4	All Day			0	0	3	0	Snowstorm	
Southern CT	8	12" of snow fell as a low intensified south of New England								<p>Heavy snowfall over the area with 6 inches at Payette, Payette County; 8 inches at Weiser and 7 inches at Cambridge, Washington County, caused a massive cleanup job. Lighter snow fell in surrounding areas. The snow contributed to a number of traffic accidents.</p>										
All	22	All day			0	0	0	0	Heavy snow	Twin Falls, Twin Falls County	5	3:00 p.			0	0	4	0	Wind	
	6	10" of snow fell as a low moved across waters south of New England.								<p>Winds measured at 51 m.p.h. at the airport, and estimated stronger in places, caused extensive damage to power lines, damaged roofs and small structures, upset a mobile home, broke windows, and uprooted large trees.</p>										
	28	All day			0	0	4	0	Heavy rain, flood	Southeast Idaho	5	All Day			0	0	3	0	Snowstorm	
	1	2" of rain and melting snow caused extensive flooding of rivers, streets and homes.								<p>Heavy snowfall, mainly from Bonneville County northward, dumped from 5 inches at Idaho Falls to 23 inches at Island Park and varying amounts at adjacent points. Drifting snow blocked roads and many schools were closed. The snow contributed to several traffic accidents.</p>										
<b>DELAWARE</b>										Near Fruitland, Payette County	8	Morning			0	0	4	0	Snow	
Entire State	7	Morning							Glaze	Shelley, Bingham County	9	Morning			1	0	0	0	Cold	
	<p>Freezing rain began about 7:30A.M. and resulted in icy roads. Dozens of traffic accidents reported with several injuries and one fatality associated with them.</p>									<p>A 75-year old sheepherder was found about 3 miles west of Shelley dead from exposure.</p>										
Newcastle County	14	3:00a-4:00a			0	0	2	0	Wind	Shoshone County	10-11				0	0	4	0	Snowstorm	
Entire State	20	All day							Rain, Sleet, Snow	Bannock County	10	Morning			2	0	0	0	Avalanche	
Sussex County	27	Evening							Freezing rain, Snow	Council, Adams County	15	Morning			0	0	4	0	Snow	
	<p>Rapidly-falling temperatures resulted in ice-slick roads. Pile-up of some 28 autos occurred near Seaford, with some vehicles stranded for several hours.</p>									<p>Two men hiking near Indian Peak were buried in snow, and their bodies were found a few days later.</p>										
<b>FLORIDA</b>										Gooding, Twin Falls, Lincoln, Jerome, Minidoka, Cassia, and Power Counties	17-21				0	0	4	0	Ice, Fog	
PENSACOLA, ESCAMBIA CO.	7	12 PM CST	0.1	10	0	0	0	0	TORNADO	<p>Freezing fog caused heavy ice-loading on power and telephone lines. Extensive line breakage occurred, and rebuilding of poles was required in some areas. Airports were closed at times due to fog.</p>										
	<p>A SMALL TORNADO WAS OBSERVED BY RADAR AND THE PUBLIC ABOUT 3 MILES NORTHWEST OF THE PENSACOLA NAVAL AIR STATION. NO DAMAGE WAS REPORTED.</p>									<b>ILLINOIS</b>										
ST. PETERSBURG, PINELLAS CO.	8	11 AM EST	0.1	10	0	0	3	0	TORNADO	Statewide	8				1	1	0	0	Bitter cold	
	<p>A SMALL TORNADO TOUCHED DOWN BRIEFLY AT PINELLAS VOCATIONAL-TECHNICAL INSTITUTE AND LIFTED A SECTION OF THE LIBRARY ROOF WITH DAMAGE ESTIMATED AROUND \$3000.</p>									<p>Bitterly cold air drove overnight low temperatures to sub-zero readings over most of the state--low ranged from -19° at Sterling to +1° at Cairo. A man was found frozen to death in Chicago; a woman was found suffering from exposure to the cold north of Champaign.</p>										
PANAMA CITY, BAY CO.	26	930 AM CST			0	0	3	0	FUNNEL CLOUD	Extreme south	13	late morning early aft			0	0	4	0	Thunderstorms, wind	
	<p>A FUNNEL CLOUD ALOFT, WHICH WAS PROBABLY ASSOCIATED WITH A WATERSPOUT, MOVED OVER THE PANAMA CITY MARINA SHATTERING A NUMBER OF WINDOWS IN BUSINESS HOUSES AND DAMAGED 2 BIG DOORS OF A LARGE RESTAURANT. DAMAGE WAS AROUND \$2000.</p>									<p>Strong winds associated with thunderstorms left scattered minor damage across the extreme southern portion of the state. Winds were reported gusting to 60mph at Marion at noon; a few trees were uprooted and a 100-foot communications antenna was bent over. At 12:52pm wind gusts peaked at 75mph at the Southern Illinois Airport near Carbondale; a 177-foot long wall under construction was blown down. A mobile home in West Frankfort was damaged when strong winds tore off a porch. Many TV antennas were blown over and roofs damaged in Harrisburg. Wind gusts were recorded at 75mph at St. Vernon-Outland Airport; the strong winds blew out several windows in them.</p>										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

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>INDIANA</b>										
Southern Indiana	13	2:00 P 5:00 P	--	1	0	0	5	0	Wind	Strong winds associated with a line of thunderstorms caused scattered damage throughout Southern Indiana south of Indianapolis. Four airplanes were damaged in Decatur County. Several mobile homes were blown over or off foundations in Clark, Harrison, and Washington Counties. In Taylorsville in Bartholomew County a portion of a roof and an awning were ripped off a mobile home. Three miles north of Lockport in Spencer County part of a roof was blown off an aluminum plant. Several mobile homes and outbuildings were damaged in Tell City in Perry County. Hundreds of trees and power lines were knocked down throughout the area.
Glendale Daviess County	13	2:15 P	2	100	0	0	4	0	Tornado	The tornado blew off half of a roof of a house and destroyed the barn. Two miles to the northeast it caused minor damage to a house and garage and destroyed an outbuilding.
SW Seymour Jackson County	13	3:14 P	3/4	75	0	0	4	0	Tornado	It is believed this tornado was produced by the same storm that produced the Glendale tornado. It caused minor damage to two homes and several outbuildings. It destroyed an old one-car garage. A definite pattern of tree damage could be noted in a woods near the homes. After passing through the woods it knocked down a high power electrical transmission tower. The weight of this tower and the weight of the lines caused the tops of three more towers to break and fall to the east.
Laconia Harrison County	13	3:50 P	1	50	0	0	4	0	Tornado	The tornado destroyed a mobile home near this small southern Indiana community. A woman and three children escaped injury by lying on the floor. The tornado then passed over two homes toward the northeast without causing any additional damage.
<b>IOWA</b>										
NONE REPORTED										
<b>KANSAS</b>										
NONE REPORTED										
<b>KENTUCKY</b>										
Statewide	13	Afternoon Evening			2	30	6	0	Severe wind storms	A line of thunderstorms moving 50 to 60 miles an hour moved into western Kentucky around 2 p.m. EST and swept eastward across the state. Wind speeds between 60 and 80 mph were reported from all sections of the state. Damage to homes, mobile homes, barns, trees, and power lines was extensive. In western Kentucky, winds forced a large truck out of control, resulting in a collision with an automobile and the death of two people. Injury reports indicate most injuries occurred in mobile homes.
<b>LOUISIANA</b>										
Madison Parish	2	3:22 PM							Funnel	Funnel aloft was sighted by Louisiana State Police about eight miles west of Tallulah. Funnel may have contributed to truck accident on I-20 just east of Waverly.
Vernon Parish	25	11:30 AM	Brief		0	1	4	0	Small Tornado	State Police reported small tornado overturned a trailer and slightly injured a small child, unroofed a home and blew away a porch about five to six miles SW of Leesville.
Concordia Parish	25	12:03 PM	Brief		0	0	4	0	Small Tornado	The New Era Grocery received minor damage when windows were sucked out and a meat block and scales were blown several yards. A barn and shed were destroyed, and a truck was heavily damaged. A house trailer was overturned at Monterey about 12:30 PM and blown into a house under construction.
Donaldsonville - Ascension Parish	25	5:50 PM	1	34	0	7	6	0	Tornado	Tornado touched down on La. Highway 1 about one mile south of town, skipped over Bayou Lafourche and moved NE on a crevasse through Donaldsonville, touching down a number of times. Heaviest damage occurred at the Junior High School where the gym was destroyed and two temporary buildings were overturned onto a wing of the school. About 16 homes and 10 trailers were damaged or destroyed in a 12-block area. Several businesses were damaged. Witnesses described the tornado as a black cloud on the ground giving forth a typical roar. Four of the seven injured were hospitalized.
<b>MAINE</b>										
Statewide	12-11							4	Winter storm	Two-phase storm struck the state. Near blizzard conditions. Temperature started off 20-40 below zero. Snow 5-10" gradually changed to glaze and rain. Winds gusting to near 70 MPH at Portland. Visibility near zero in blinding snow. Lengthy period of glaze caused rash of related traffic accidents and injuries. Extensive wind damage. Storm flags were up over coastal areas.
Statewide	26-28							5	Winter storm	A slow moving cold front from the west and a warm front from the south. Snow began early on the 26th with light fall changed to glaze that continued a good part of the day. Caused rash of accidents and injuries. Rain continued into the 27th with dense fog during the early morning. Heavy rains the 27th and 28th caused widespread serious urban flooding. Ice jams and runoff pushed streams over banks. Rain changed back to snow in north-western border of state. 8-14" reported.
Statewide	5-25								Severe cold	Unusually long period of cold weather with much snow caused heavy buildup of ice and snow on structures. This resulted in structural damage from the weight and leaking from ice dam buildup. Temperatures often 20-40 below zero.
<b>MARYLAND &amp; D.C.</b>										
Washington County	1							0 0 0 0	Rain, Flooding	The combination of warm temperatures, rain, and snow melt resulted in rapid rising of local streams with some roads flooded, beginning the evening of the previous day into early on the 1st.
Harford County	1	Morning						0 0 3 0	Freezing rain, Wind	Wind or ice caused tree limbs to fall on power lines. Service interrupted for over two thousand gas and electric company customers. Numerous minor traffic accidents due to icy roads.
District of Columbia, Prince Georges and Anne Arundel Counties	3	All day						0 0 0 0	Flooding	Rain-fed Potomac River overran its banks, inundating portions of Hains Point. Rain-swollen Patuxent River, or its tributaries, also necessitated the closing of some roads.
Central and Eastern portions	7	Morning							Glaze	Rapidly-freezing rain wreaked havoc on highways and city streets, including the Baltimore and Washington, D.C. metropolitan areas. The film of ice was responsible for numerous injuries due either to falls or relative to the hundreds of traffic accidents that were reported.
Southern portion of Eastern Shore, Anne Arundel County and Washington, D.C. areas	11-12								Freezing rain, Sleet, Snow	Ice-covered roads responsible for a dozen traffic accidents late on the 11th to early of the 12th. Several injuries and one fatality reported.
Anne Arundel, Baltimore and Harford Counties	14	Early am						0 0 0 0	Wind	Winds gusting to nearly 50 mph knocked down trees and limbs with power outages resulting. Gas and electric company reported more than 20 thousand customers in the metropolitan Baltimore and the Catonsville-Woodlawn area affected. In addition, some 22 hundred customers in the Edgewood-Jarrettsville area without service for awhile.
Frederick County	14	2:00a						0 0 4 0	Wind	Locally strong wind gusts in excess of 40 mph toppled a new grain elevator near Mt. Pleasant. Damage also inflicted on a shed upon which the elevator fell. Total damage estimated at \$30,000.
Upper Chesapeake Bay	18-24							0 0 0 0	Cold spell	Extended period of cold temperatures resulted in the worst ice accumulation on the Chesapeake Bay and the Chesapeake and Delaware Canal since 1971. Coast Guard ice breakers cut through 3 to 10 inch thick ice to help stalled boat traffic.
Entire State and Washington, D.C.	20								Freezing rain, Sleet, Snow	Glaze developing on roads, especially during the morning rush hour, resulted in over 300 accidents mostly of the "fender bender" variety. Dozens of injuries from car accidents and falls were reported.
Allegany and Garrett Counties	25-26								Glaze, Fog	Freezing rain, beginning the evening of the 25th to shortly after midnight of the 26th, resulted in several accidents on Route 40. Hazardous road conditions were compounded by fog.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

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	
Upper Chesapeake Bay	25-26				0	0	0	0	Fog
									Dense fog began forming before midnight of the 25th and continued into the morning of the 26th. Visibilities of less than 25 yards forced the closing of the Chesapeake and Delaware Canal.
North Central	27-28				0	0	0	0	Flooding
									Substantial rain during the two-day period resulted in flooding over several areas. In Baltimore nearly two inches of rain left large pools of water through the city, with portions of four roads closed. High water either closed or resulted in hazardous driving conditions on several roads in Frederick County.
ALL	12	All day			2	0	0	0	Heavy snow
									Nearly 1 foot of snow followed by very cold temperatures brought slippery roads and very dangerous exposure conditions. This was the 6th heaviest snowfall in January in 86 years. A Newburyport boy slipped on ice and was quickly run over by a truck. An elderly Worcester woman locked herself out of her home and froze to death.
Cape Cod	22	All day			0	0	0	0	Heavy snow
									8-12" of snow fell across Cape Cod.
Rowley	23	All day			1	0	0	0	Extreme cold
									Woman died of exposure after being found lying in a snowbank. It was the coldest month in Boston since January 1971.
ALL	28	All day			0	0	4	0	Flooding
									1-2" of rain and melting snow caused extensive flooding of rivers, streets and homes.
Midland & Montcalm Co.	26						5		Heavy snow.
									Roof caved in on a camper sales facility at Midland damaging campers inside. Many roofs damaged throughout Montcalm County.
ZE Standish, Arenac Co.	31	evening					5		Winds
									Boat storage buildings destroyed. 40 boats inside damaged extensively.
Southeast half of State	1-2	PM - AM			0	0			Heavy Snow, Wind
									Storm system entering southwest corner of state evening of 1st moved northeast reaching Duluth area morning of 2nd. New snowfall ranged from 3 to 12 inches over all but southeast corner of state--where 1 inch fell. Heaviest amounts recorded in 30 to 40 mile wide band from Marshall, Lyon County to Duluth, St. Louis County. Winds up to 40 mph caused blowing and drifting resulting in hazardous and delayed travel. Some freezing precipitation in southwest portion of state.
Statewide	6				2	3	4	0	Wind, Snow
									Cold front passed over state early morning. Wind gusts up to 50 mph, picked up old and new snow causing considerable blowing and drifting snow reducing surface visibilities to zero. Visibility reduced to near zero in blowing snow caused car-truck collision killing 2 men and injuring 3 near Moorhead, Clay County. More than 35 school systems closed in 40 mile radius of Marshall, Lyon County. Bitter cold temperatures followed front. 40 below recorded at Gryla, Marshall County.
Minneapolis-St. Paul	10	8A-12N			0	0	6	0	Snow
									Poor visibility in 8 inch snowfall early morning of 10th caused numerous chain reaction traffic accidents involving approximately 1200 vehicles on Twin Cities freeways and roads. 18 people required hospitalization, another 65 had minor injuries. 250 cars damaged on I-35W between 35th street in Minneapolis and 62nd street in Richfield. On I-694 42 vehicles were involved between main street and the Mississippi River in Fridley. 20 vehicles collided on I-35W between the Hawatha and Washington exits. 25 cars piled up on I-494 between Penn and Xerxes on Bloomington-Richfield boundary. 2 buses and a car collided on Minnesota River Bridge. Countless other multiple car accidents occurred on icy pavements. Insurance agents estimate damage at \$1.3 billion, snowfall predicted by National Weather Service.
Madison, Madison County	13	5:15 PM			0	0	3	0	Wind
									Strong thunderstorm winds blow out windows and damaged the roof of a home besides blowing over a car-pulled travel trailer parked in the driveway.
Laurel, Jones County	25	Night			0	0	?	?	Heavy Rain
									2.46" fell in a 12 hour period ending at 6PM on the 26th. Flash flooding was reported at numerous low-lying areas.
Perry, Cape Girardeau and Mississippi Counties	13	12-1p	?	?	0	0	4	0	Windstorm
									A line of thunderstorms developed just before noon and moved southeastward causing minor wind damage to permanent structures. However, three trailers were blown off the interstate, two near Scott City and one near Perryville. One of the trailers rolled and was totally destroyed. Winds gusted to 57 miles per hour at the Cape Girardeau airport at 12:58 p.m. Cairo, Illinois, reported strong winds of 54 miles per hour. One-half inch hail was also reported at Charleston, Missouri.
Warrenton, Warren County	15	3:30p	?	?	0	7	4	0	Windstorm
									High winds associated with a trough line toppled two concrete walls under construction, injuring seven construction workers, two seriously.
									NONE REPORTED
Western Third of Nebraska*	Dec. 30- to Jan. 2	Midnight to Midnight			0	?	6	0	Blizzard
									An intense storm spread heavy snow over the western third of the state with average depth of 8 to 12 inches. Greatest depth was 30 inches just south of Crawford. Visibility was reduced to near zero by blowing and drifting snow. Drifts of 2 to 14 feet covered much of the area.
Central and North-east Nebraska	6-7	Early Morning to Evening			1	0	0	0	Wind and Snow
									Light snow produced no significant accumulations, but winds gusting from 35 to 40 m.p.h. caused major drifting of previous fallen snow. Roads were blocked, schools closed, no mail service, etc. One fatality in Pierce County, 1 mile west and 3 3/4 miles north of Osmond.
									*Incident was previously reported on December 1975 Storm Report.
									NONE REPORTED
Northern	2-3	Night					3		Snowstorm
									Severe snowstorm swirled across northern half of state. Left up to 14" in northern counties and around 6" in central sections. Numerous skidding accidents.
Statewide	12-14						5		Blizzard
									Two storms moved through the state during the period. Temperatures started off 20 to 40 below zero and warmed gradually through the storms. Near blizzard conditions. Visibility near zero at times in blinding snow. Hundreds of storm related traffic accidents. Winds gusting to near 70 MPH. Roof of hangar collapsed. Warehouse in Portsmouth collapsed. Numerous other reports of structural damage. Mixed snow, sleet, rain and glaze by the 14th. 6 to 12" of snow reported.
Statewide	27-28						4		Winter storm
									Started out as snow, changed to glaze, and then to rain that became heavy. Rain caused severe urban flooding and combined with rising temperatures melted a large part of the snow cover. This runoff into streams created ice jams with resulting flooding. Rivers included the Pemigewasset, the Ellis, the Souhegan and Bear Creek and others as well. A rash of traffic accidents and related injuries.
Statewide	5-25								Severe cold
									Unusually long period of cold weather with much snow caused heavy buildup of ice and snow on structures. This resulted in structural damage from the weight and leaking from ice dam buildup. Temperatures often 20-40 below zero.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

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	
NEW JERSEY	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
NEW MEXICO	NONE REPORTED								
NEW YORK COASTAL	NO STORM DATA REPORT RECEIVED FOR THIS AREA								
NEW YORK CENTRAL SOUTHERN JEFFERSON, NORTHERN OSWEGO AND LEWIS COUNTY	9				0	0	?	0	HEAVY SNOW
	Heavy "lake effect" snow squalls depositing up to 6 inches per hour fell in a path about twenty-five miles wide. Heaviest hit was the town of Adams in Jefferson County where the unofficial measurement was sixty-eight inches during the twenty-four hour period of snow.								
AREAWIDE	13 PM 14 AM				0	0	4	0	HIGH WIND
	Strong winds developed resulting in local damage, as an intense storm moved through the area. Highest readings, which occurred in predawn hours, were Binghamton 60 MPH; Utica 57 MPH; Albany 52 MPH.								
AREAWIDE	22-23				0	0	?	0	EXTREME COLD
	The combination of strong northwesterly winds and very low temperatures brought extreme cold to the area. Temperatures fell to below zero everywhere by Thursday night and winds, which gusted to over 50 MPH Thursday, continued strong. By Friday morning readings ranged as low as 41° below zero at Old Forge in the Adirondacks.								
AREAWIDE	26-28				0	0	6	0	HEAVY RAIN
	The January thaw occurred during this period. Rain-freezing at first developed Monday. Temperatures rose into the 40s and 50s and rain became heavy. Amounts exceeded 3 1/2 inches in parts of the Catskills and 2 1/2 inches in parts of the Hudson Valley. The combination of rain, snowmelt, and ice jams caused considerable flooding in low lying areas. Rain changed back to snow in Western and Northern sections early Tuesday with 4-10 inches of new snow falling. Colder temperatures gradually eased the flooding threat Wednesday.								
NEW YORK WESTERN	SEE END OF TABLE								
NORTH CAROLINA	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
NORTH DAKOTA State	1-2				1	1	4	0	Snow, blizzard
	A storm center moving northeastward from Colorado toward the western Great Lakes area combined with arctic air moving into the state from the northwest to produce blizzard conditions and heavy snowfall. Amounts ranged up to 14 inches at New Salem, and 7 inch totals were common throughout the state. Wind chill factors dropped to below minus 50 in the eastern third of the state.								
Williston	11				0	1	4	0	Ice storm
	Freezing rain on the 11th produced glaze which remained through the 15th. Numerous car accidents due to icy roads were reported in the Williston area.								
OHIO Northwest Clark County	13	5:00 pm	Short	10	0	0	4	0	Tornado
	A small tornado, associated with a larger line of thunderstorms, struck a mobile home park near New Carlisle destroying one owner built modular home. A funnel was described by an observer. It moved from southwest to northeast.								
Central and Southern Ohio	13	Late afternoon and evening			0	2	6	0	Heavy rain, high wind, lightning
	After receiving some freezing rain and sleet early in the day, a line of severe thunderstorms moved across the state of Ohio during the late afternoon and evening accompanied by high winds, possibly in excess of 75 mph at some locations, lightning and heavy rain. Damage was widespread and few counties in the southern and central portion of Ohio escaped without some damage. The frequency of mobile home, barn and out-building destruction as well as other building, tree and vehicle damage was very high. Power-outages were also widespread. The heavy rains resulted in small stream and urban drainage flooding. Surprisingly, no deaths or serious injuries were reported. One woman received a minor head injury when a tree fell on the cab of a truck near Cincinnati and another woman received an ankle injury when a mobile home was rolled and destroyed near Columbus.								
OHIO (continued)									
Northwest and North Central Ohio	25	Afternoon and evening			0	0	4	0	Heavy rain, flooding
	26	All day							
	A combination of freezing rain followed by 1 to 1 1/4 inches of rain and melting snow caused flooding of low areas and small streams.								
OKLAHOMA	NONE REPORTED								
OREGON Coastal Counties	3-9							Unk	Unk
	Rainstorms caused flooding - damage to dairy and crop lands.								
Linn County Laying Creek Watershed	3-9						6	Unk	Excessive rainfall in a localized area of Umpqua National Forest.
PACIFIC	NONE REPORTED								
PENNSYLVANIA EASTERN Southern Third Eastern Pennsylvania	1	3-7 AM EST			0	0	3	0	Snow
	Rain changed to snow and deposited 1 to 3 inches of snow during the early morning hours of New Years Day. This resulted in numerous traffic accidents and related injuries.								
Eastern Pennsylvania	7	10 AM EST to 8			0	?	4	0	Freezing Rain, Heavy Snow
	Temperatures remained at freezing or slightly below over some sections of the southern portion of Eastern Pennsylvania as rain and drizzle fell on the 7th. This caused a coating of ice on roadways which resulted in hundreds of injuries and 3 deaths in automobile accidents. The suburban sections around Philadelphia were especially hard hit and along with the many traffic accidents hundreds of pedestrians were injured in falls on the ice. Some additional icing occurred some sections in the afternoon and at night. Snow developed over portions of Eastern Pennsylvania at night and continued into the morning of the 8th with accumulations of 4 to 9 inches resulting.								
Eastern Pennsylvania	11	1 AM EST to 12			0	0	2	0	Heavy Snow
	Snow fell over all of Eastern Pennsylvania but accumulations were mostly under 4 inches. However, heavier snow over north-east sections caused accumulations up to 15 inches to occur.								
Southeast Portion Eastern Pennsylvania	14	3-8 AM EST			0	0	5	0	Wind
	High winds downed trees and utility lines with thousands of customers without service at times. Wind gusts reached 64 MPH at Allentown and 60 MPH at Philadelphia.								
Eastern Pennsylvania	20	8AM-4PM EST			0	0	3	0	Snow
	21	9AM-7PM EST							
	Rapidly moving weather systems caused snow over Eastern Pennsylvania on the consecutive days. On the 20th 1 to 2 inches fell over eastern portions and 1 to 4 inches over the entire area on the 21st. The snow resulted in many traffic accidents and numerous related injuries.								
Eastern Pennsylvania	26				0	0	4	0	Flooding, Snow
	27								
	Rain and very mild temperatures on the 26th caused a break-up in ice jams on rivers and streams. This caused flooding which continued into the 27th. Colder air moving over the area on the 27th changed the rain to snow over northern sections which resulted in up to 4 inches of accumulation.								

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

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>									
WESTERN Washington, Beaver, Wm. Allegheny and Armstrong Counties	7				0	0	4	0	Heavy snow .
Heavy snow-storm moved from southwestern Pennsylvania along the Allegheny Mountain ridges to the northeast, with amounts ranging from 3 to 7 inches. Roads blocked, schools closed, numerous accidents. Some utility and telephone outages, lasting from 1 1/2 up to 6 hours, caused by downed wires from ice and snow on the wires, as well as branches from trees falling on lines. One man suffered a heart-attack while shoveling snow and three fatalities resulted from the accidents.									
Southwestern Counties	13	Evening			0	0	5	0	Wind
Strong winds during evening, with maximum winds ranging from 63 mph at Greater Pittsburgh Airport, Pittsburgh, up to 95 mph at Latrobe Airport, caused considerable damage. In addition to downed wires, uprooted trees, smashed windows, and power outages, there were reports of porch roofs blown off, mobile homes damaged by fire from fallen wires and by blown-off roof. The landing gear on a small plane at Latrobe Airport collapsed during the wind and a man was killed in Allegheny County as his car was blown off the jack while he was working under the car.									
<b>PUERTO RICO</b>			NONE REPORTED						
<b>RHODE ISLAND</b>									
All	12	All day			0	0	0	0	Heavy snow
6 - 10" of snow fell as a low intensified south of New England.									
All	14	All day			0	0	4	0	Wind, flood
Large metal roof 100 x 100 ft. was blown off public works center. Peak wind of 61 MPH occurred at Green Airport in Warwick. Extensive highway and urban flooding.									
Southern RI	22	All day			0	0	0	0	Heavy snow
6 - 10" of snow fell as a low moved south of New England.									
All	28	All day			0	0	4	0	Heavy rain, flood
1 - 2" of rain and melting snow caused extensive flooding of rivers, streets and homes.									
<b>SOUTH CAROLINA</b>			NONE REPORTED						
<b>SOUTH DAKOTA</b>									
Entire State	1, 2						5		Heavy Snows and Near Blizzard
On January 1, cyclogenesis was occurring in southwest Kansas. By Friday the second, the storm had moved very rapidly northeastward crossing the extreme southeast portion of the state. As this storm developed, snow began to fall in the western portion on New Year's Eve and spread rapidly across the state by New Year's Day. Northerly winds had increased to as much as 40 MPH with some gusts reaching 50 MPH creating near blizzard conditions for the remainder of the day. Snow depths varied from four to twelve inches with some amounts of 20 inches occurring in the Black Hills. For a period of several days after the storm, very cold temperatures occurred. Nighttime lows varied from 20 to 35 degrees below zero over the state.									
<b>TENNESSEE</b>									
Nashville, Davidson County	13	3:04 p.			0	0	4	0	High wind and hail.
A squall line with strong winds, heavy rain, and 1/4 inch hail moved across the area. A wind gust to 66 mph was recorded at Berry Field where two airplanes were destroyed and one other was damaged.									
Gallatin, Sumner County	13	3:10 p.			0	0	5	0	High wind.
Considerable damage occurred at the Southgate Shopping Center. Numerous other businesses and homes received roof damage and several barns destroyed.									
Lafayette, Macon County	13	3:20 p.			0	0	4	0	High wind.
Several homes were damaged. The wind toppled walls of a lumber storage building at the B. D. Polston Lumber Mill. The wind also lifted the steel-beam-constructed roof from the building and sailed it over cars, lumber and telephone lines to a resting place 600 feet away.									
Ooltewah and Collegedale Areas, Hamilton County	13	7:07 p.			0	0	4	0	High wind.
Numerous trees blown over. Several homes, stores, and barns received roof damage, and also cars from falling trees.									
<b>TEXAS</b>									
<b>NORTHERN</b>									
NO STORM DATA REPORT RECEIVED FOR THIS AREA									
<b>TEXAS SOUTHERN</b>									
TEXAS CITY Galveston County	14	0600			0	0	5	0	Lightning
Lightning struck a fuel storage tank at the Texas City Refinery.									
<b>TEXAS WESTERN</b>									
NONE REPORTED									
<b>UTAH</b>									
NONE REPORTED									
<b>VERMONT</b>									
AREAWIDE	22 23				0	0	7	0	EXTREME COLD
The combination of strong northwesterly winds and very low temperatures brought extreme cold to the area. Temperatures fell to below zero everywhere by Thursday night and winds, which gusted to over 50 MPH Thursday, continued strong. Burlington's high of 5° below zero Friday set a new record for the date.									
<b>AREAWIDE</b>									
	26- 28				0	0	5	0	HEAVY RAIN
The January thaw occurred during this period. Rain, freezing at first...developed Monday. Temperatures rose to 40° or higher at many locations. Rain changed to snow north early Tuesday, with 4-10 inch amounts ranging to over a foot in the mountains. Rain continued in Southern sections with some heavy amounts. Rochester reported 3.25 inches while Brookfield received a little over 3". The combination of rain, snowmelt and ice jams caused considerable flooding in low lying areas. Colder temperatures gradually eased the flooding threat Wednesday.									
<b>VIRGINIA</b>									
Central Portion	1-2				0	0	0	0	Rain, Flooding
Rain totaled between 2 and 2 1/2 inches during the two-day period at Richmond. Minor flooding occurred in the Richmond area. The James River crested at 14 feet at the Westham station, two feet above flood stage.									
Southern Portion	7	Morning			0	38	0	0	Freezing rain
Light freezing rain left the area roads perilously icy. Over 500 highway accidents reported in the Roanoke area alone. Chesterfield County one of the hardest hit areas. In Lynchburg 38 persons were treated for fall-related injuries, while 150 claims were submitted to area insurance companies.									
Waynesboro	13	8:00p-midnight			0	0	2	0	Wind
Wind gusts associated with cold frontal passage reached an estimated 55 to 60 mph. A 10-by-10 foot storage shed was a total loss when it was carried nearly 30 feet by winds.									
Norfolk vicinity	17	All day			0	0	0	0	Wind, Snow
Winds gusted to over 40 mph, along with developing hazardous road conditions, as temperatures dropped rapidly and light snowfall created very icy conditions.									
Strasburg	22	10:00p			0	0	3	0	Wind
Gusty winds inflicted approximately \$1,000 damage as patio roof was torn away.									
Ashland, Hanover County	26- 27				0	0	0	0	Rain, Flooding
Rain over the two-day period resulted in local minor flooding.									
<b>VIRGIN ISLANDS</b>									
NONE REPORTED									
<b>WASHINGTON</b>									
NONE REPORTED									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1976

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>WEST VIRGINIA</b> Statewide (Except Eastern Panhandle)	7, 3	Both days			2	23	5	0	Ice, snow
									Rain and freezing rain the 7th changed to snow the 8th. Snow accumulated 2 to 4 inches with 6 to 10 inches in higher elevations. During the two days, numerous automobile accidents were reported. Many people were injured, two died. Most accidents occurred on the 7th during the freezing rain.
Statewide	13	6-10 PM			0	3	5	0	High wind
									Squall line passed rapidly across West Virginia during the evening. Winds 60 to 70 MPH were common with a maximum of 71 MPH reported at Benedum Airport Control Tower near Clarksburg. Many power wires were downed, porches blown off, signs knocked down. Several mobile homes were completely destroyed or badly damaged.
<b>WISCONSIN</b> Northwest Wisconsin	1-2				0	?	0		Heavy snow
									Heavy snow, of 4 to 10 inches, fell over northwest Wisconsin Thursday night and Friday in association with a low that passed northeastward through western Wisconsin early Friday. 2 to 4 inches of snow occurred over central Wisconsin and generally less than an inch occurred in extreme southern portions of the state with this storm. Strong winds made travel extremely difficult late Thursday night and into Friday in the northwest portion.
Central and Northern Wisconsin	10				0	?	0		Heavy snow
									3 to 6 inches of snow fell over much of central and northern Wisconsin Saturday afternoon and early night.
Narrow band from Wisconsin Dells to Lake Michigan	15				0	?	0		Heavy snow
									A low pressure system dropped rapidly southeastward out of Canada through southern Wisconsin and produced a narrow band of heavy snow amounts of 4 to 6 inches from Wisconsin Dells eastward to Lake Michigan. Elsewhere generally 2 to 4 inches fell.
Southern and eastern Wisconsin	25				0	?	0		Heavy snow
									Snow developed in southwest Wisconsin by mid morning on Sunday and spread over southern and eastern Wisconsin during the day. 3 to 6 inches of snow fell in the southeast portion of the state.
<b>WYOMING</b> Buford	15	12:45 a.			0	0	4	0	High wind.
									High winds with gusts near 100 mph toppled 32 empty freight cars from two trains, one incident of 20 cars from one train at 12:45 a. and 12 cars from another train at 1:45 a. in the same vicinity.
<b>COLORADO</b> Near East Slopes of mountains from Wyoming border southward to Colorado Springs vicinity	15	Nite 2-6 a.m.			0	0	?	0	Wind
									Chinook winds with peak gusts 70-80 MPH.
East portion from Denver vicinity southward	30	Aftn and Eve			0	0	?	0	Wind
									A cold front moving rapidly southward east of the mountains caused wind gusts 50-70 mph. Local blowing dust reduced visibilities locally to less than 1/4 mile for 1 to 2 hours closing some major highways. In the Pueblo area snowplows had to be dispatched to clear car top height piles of tumbleweed from some roads.

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>NEW YORK</b> WESTERN Southern Erie, Western Wyoming, and Southwestern Genesee Counties. Also Northern Chautauqua	8-10				0	0	0	0	Snowstorm
									Lake-effect snowstorm dumped up to 2 feet of snow in a very narrow band over East Aurora, Orchard Park, and Hamburg. 6-12 inches in Alexander, Attica, and Town of Bennington. Up to 3 feet in parts of Northern Chautauqua County. Drifts of 8 feet were reported in Angola and Town of Evans. Zero visibility and drifting caused N.Y.S. Thruway to close for 17 hours near Dunkirk.

- 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 June and December issues of this publication.

SUBSCRIPTION PRICE: \$3.60 a year; \$4.80 additional for foreign mailing; 30¢ single copy. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

USCOMM-NOAA-ASHEVILLE, N. C. 3/12/76-1700

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

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

COM 210



**THIRD CLASS**

