

U. S. DEPARTMENT OF COMMERCE  
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# STORM DATA

JANUARY 1962

Volume 4 No. 1



ASHEVILLE: 1962

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1962

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>ALABAMA</b>									
Andalusia, Covington County	5	4:30p	Short	Narrow	0	0	3		Tornado
			Funnel cloud touched down briefly on outskirts of Andalusia damaging a factory and one house, uprooting trees, and knocking down utility lines.						
Glenwood, Pike County	5	5:30p	2	?	0	0	4		Tornado
			Tornado struck about 2 miles west of Glenwood and apparently moved to the east-northeast. About 16 buildings damaged or demolished in rural area.						
Kinsey, Houston County and Headland, Henry County	5	10:30p	4	?	0	0	4		Tornado
			Four houses damaged and several barns destroyed near Kinsey. Storm moved northeast to outskirts of Headland where several barns and tenant houses were destroyed and other houses damaged. Utility lines and trees down.						
Dothan, Houston County	5	Evening					3		Rain
			Heavy rains of 6 to 9 inches fell in a short while in Dothan and surrounding area flooding small streams and streets. Minor damage.						
State Wide	9-13				4	0	6	6	Snow, sleet, glaze and severe cold spell
			A severe cold wave moved in on the 9th and freezing temperatures continued until the 13th. Cold wave accompanied by snow and sleet over all but the extreme south portion. Glaze in southwest Alabama all the way to the coast. Snow from 3 to 7 inches deep over north and central Alabama made highways impassable. Schools closed and industry and business paralyzed for several days. About 95% of property damage due to severe cold and freezing and 5% to glaze. All crops damaged due to severe cold.						
<b>ALASKA</b>									No report received by printing deadline.
<b>ARIZONA</b>									None Reported
<b>ARKANSAS</b>									
Hon, Scott County	5	2:15 a.							Funnel cloud
			Funnel was observed at Hon, 6 miles west of Waldron in Scott County. No damage or injuries were reported.						
<b>CALIFORNIA</b>									
Southern California	10-11				3	10	4	0	Wind
			High winds downed trees, damaging buildings and utility lines and closing highways. One death resulted from the collapse of a restaurant when a wall blew down onto it. Another resulted from a high voltage line being blown against construction equipment. The third followed a traffic accident caused by the wind.						
Entire State	20-21				7	50	6	0	Winter storm
			Storm brought heaviest snow in many years to low elevations and coastal areas Tehachapis northward, closing primary highways and causing numerous traffic accidents, some fatal. Falling trees damaged many homes and utility lines. Heavy rains and strong winds caused local flooding south of Tehachapis with considerable damage. Lightning injured one man in the Garden City area.						
Central Valley	1/29-2/2				27	70	5	0	Fog
			Extremely dense fog persisting for 5 days or longer resulted in numerous traffic accidents, in some instances involving as many as 60 vehicles at one location. Eleven persons were killed when a train struck a bus in the fog. Many schools were closed for the greater part of the week.						
<b>COLORADO</b>									
Most of State	8 through 24				8	many	6		Cold, snow & wind
			Cold temperatures and heavy snow were general over the state, but more severe on the Eastern Plains and in mountain areas. A series of storms brought snowfall accumulations to several feet in mountain areas. This plus severe drifting from high winds resulted in numerous snow avalanches. Early in the period on the 8th., Loveland, Berthoud and Monarch Passes were closed for some time due to snow slides. Many secondary mountain roads and passes were closed for periods up to a week. Toward the end of the period on the 21st an avalanche slipped down the side of the 14,431 Mt. Elbert in the early morning, destroying 8 homes in the mountain community of Twin Lakes, killing 7 persons and injuring 2 others. Severe cold continued during the period, causing much damage to water systems. The combination of cold temperatures, snowfall and drifting from high winds closed schools, slowed traffic and caused many accidents. A woman was frozen to death at Morrison. There were several more deaths attributed indirectly to the weather, mostly traffic deaths and heart attacks from over exertion. On the 20th., a chinook wind was general along the eastern slope of the mountains. Gusts to 70MPH were reported in Colorado Springs, resulting in considerable damage to power poles and lines, windows, porches and vehicles. Temperatures rose to the 40's and 50's during the day, after being much below zero in the early morning. The warming was of a short duration as another storm moved in toward late afternoon or evening, returning the temperatures to below zero readings.						
<b>CONNECTICUT</b>									None reported
<b>DELAWARE</b>									None reported
<b>FLORIDA</b>									
Crestview Okaloosa Co.	5	4:10 pm	2 1/2	300	1	30	6		Tornado
			Two tornado clouds, about 100 yards apart and each making paths about 100 yards wide followed parallel paths from southeast to northwest through the edge of the Crestview residential area. Buildings located between paths sustained mostly minor damages while those located within the paths sustained almost complete destruction.						
Destin Okaloosa Co.	5	6:00 pm	Short	75	0	0	3		Tornado
			Waterspout, travelling southeastward, came ashore and damaged several beach cottages before it dissipated.						
West Palm Beach Palm Beach Co.	25	11:23 am			0	0			Waterspout
<b>GEORGIA</b>									
Outhbert, Randolph County	5-6	9 p.-5 a.			0	0	5	0	Rain
			Most severe rainstorm of record hit Outhbert area during the night. 7.60 inches fell in an 8 hour period with a large part of it falling around 4 a.m. Dams of at least seven private ponds broke in the County. Extremely heavy damage suffered by State and County roads.						
Warner Robins, Houston County	5-6	Night			0	0	5	0	Rain
			An estimated six inches of rain in 8 hours inundated several sections of the City, clogged most sewerage and drainage lines and completely cut at least three highways into the City. Water entered several homes, but heaviest damage was to streets, roads and City's drainage system. Heavy rains also fell in several other parts of central and southwest Georgia.						
Early County, NW of Blakely	5	11 p.	1	800	0	0	3	0	Tornado
			Small tornado unroofed two barns and damaged a general store in rural section of County. Moved NE.						
Twiggs County Near Jeffersonville	6	6 a.	2	300	0	0	3	0	Tornado
			Storm first hit 3 miles west of Jeffersonville and then 5 miles north of town. Path of storm in uninhabited area and damage confined to utility lines and timber.						
Appling - Bacon Counties	6	7:20 a.	5	300	0	0	4	0	Tornado
			Storm caused heavy damage in a farming area along Appling-Bacon County line. Residences, farm buildings and equipment were damaged or destroyed on at least 10 farms. Trees uprooted and utility lines blown down.						
Southeast Coastal Section	11-12						4		Glaze
			The entire coastal section from Savannah to Brunswick was paralyzed for several hours by an unusual ice storm. Power and telephone lines were damaged by falling tree limbs and several roads in the area were closed to traffic. Schools in several counties were closed and numerous people were injured by falls on the ice.						
<b>HAWAII</b>									None reported
<b>IDAHO</b>									
Mica District, Kootenai County	13	Daytime							Windstorm
			Power and telephone failures. Reports of barn doors and roofs being blown off and trees uprooted in vicinity.						
Panhandle Counties, North Idaho	17								Heavy snow
			Snow falling steadily for more than 24 hours piled up to 12 inches of snow. Winds of 25 to 30 mph caused drifts as high as 4 feet, which closed highways and county roads.						
South half of State	19-21						1		Heavy snow
			Snow, on gusty winds, fell on practically all of southern Idaho depositing from 5 to 9 inches in valleys and more than 12 inches in the mountains. Winds of more than 50 mph in some instances added to the discomfort by closing roads and highways.						
Caribou County	24	Night							Blizzard
			A blinding, wind-driven snow storm followed by bitter cold isolated Soda Springs. County roads were closed as was also U.S. Highway 30 between Soda Springs and Pocatello.						
Lewiston, Nez Perce County	26	Morning							Windstorm
			A windstorm with gusts up to 60 mph rolled thru this area from the southwest but only minimum damage was reported, although hampering airline operations.						
Ada and Canyon Counties	29-30						9		Heavy fog
			Icy roads and heavy fog caused many highway accidents but most injuries were minor.						

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1962

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ILLINOIS			None reported						
INDIANA			None reported						
Central	27-30				0	?	4	0	Rain, ice, snow
			Large accumulations of snow and ice on the ground, thawing temperatures, and 1-2 inches of rain caused ice jams in rivers and considerable flash flooding. A sheet of ice prevented proper runoff and many basements and streets were flooded.						
IOWA			None reported						
KANSAS	15-22								Heavy snow and glazing
			Heavy snow in northeast Kansas drifted badly, closing many roads. A number of accidents resulted from poor visibility, slippery streets and walks. Driving conditions were particularly hazardous on the 18th to 22nd due to blowing snow on the 18th and glazing conditions over the eastern part of the state on the 20th and 21st and through the morning of the 22nd. Sub-zero temperatures on the 19th and 20th added to the distress.						
KENTUCKY			None reported						
LOUISIANA			None reported						
Lafayette, 10 SW State	4	12:15p							Funnel cloud
	9-11				0	0	8	7	Severe freeze
			The most destructive and most prolonged severe freeze of history. However, lower temperatures were experienced in February 1899 or February 1951, and January 1940 racked up more days with a freeze. At subtropical New Orleans, temperatures were freezing or lower for 68 consecutive hours, exceeding the previous record set in February 1899 by four hours. Most subtropical and tropical trees and shrubs were killed. Loss of palm trees in one park alone was officially estimated at \$275,000, and the official estimate of losses to nurserymen was \$6,000,000. About half of the houses and plants had frozen and burst water pipes and sprinkler systems. Automobile radiators and blocks froze due to insufficient protective measures. Strawberries apparently survived and recovered, and destruction of insect pests in hibernation was heavy--a good feature. Schools, businesses, factories and stores closed for three to seven days. Sleet or snow covered the central and northern parishes, bringing land transportation to a standstill.						
MAINE									
Southern Half	6	Most of day			0	0	4	0	Glaze storm
			Severe ice storm seriously slowed or halted surface and air travel and transportation. Many highway skidding accidents, mostly of a minor nature, were reported. Sanding crews worked through the duration of the storm making main roads temporarily safe. Heavy ice accumulations broke large branches and power and telephone lines. In some areas, storm effects lasted into the early morning of the 7th.						
Central and North	15	Morning and afternoon			0	0	0	0	Glaze
			Freezing rain made highways and streets and walks extremely slippery and hazardous to travel. Some of these surfaces were described as "more suitable for skating than they are for driving or walking." Numerous highway skidding accidents were reported and many pedestrians were injured in falls.						
State-wide	15-17				0	0	5	0	Wind
			Winds of gale force at times reached peak velocity of 60-75 m.p.h. on the 16th. Damage was widespread. Major damage was done to power and phone lines. At Westfield, a 120-by-40 foot potato house had its "false" roof and 2 chimneys lifted off by the wind. Large sections of snow fence at Presque Isle had to be replaced after the winds broke the sustaining poles. Shingles were ripped off buildings and plate glass windows were broken in scattered parts of the State. At Mt. Desert Island, the wind ripped canvases and twisted scaffolding at a hospital construction site.						
Spotted - statewide	22	Midday			0	0	2	0	Glaze
			Light glazing in spotted parts of the state made driving conditions hazardous. Numerous highway skidding accidents were reported.						
Scattered - coastal	27	Morning			0	0	2	0	Glaze
			Several stations reported light brief glazing conditions in the morning.						
Central and Southern	30	Forenoon and early afternoon			0	0	3	0	Heavy snow, wind
			Blizzard condition at times in much of area. Snowfall totaled 5 to 10 inches except less along immediate coast. Schools were closed in many areas. Winds damaged some power lines in the St. George-Tenants Harbor coastal area.						
MARYLAND									
	15	Forenoon in West Afternoon in East			0	0	4	0	Thunderstorm and Wind
	15	12:45PM			0	0	0	0	2 Funnel clouds
			A line of thunderstorms moved across the state during the day. Winds blew down three chimneys in Baltimore and two large trailers in Hancock as well as trees and powerlines at a number of places. A pilot reported two funnel clouds three miles east of Fort Meade.						
MASSACHUSETTS									
Statewide (except extreme southeast)	6	Most of day			0	0	4	0	Glaze storm
			Severe ice-storm affected all sections of State. Most severe conditions obtained over eastern parts of the State where it was one of the worst ice storms in many years. Surface and air travel were halted or nearly immobilized, especially during the morning hours. Hundreds of pedestrians were hospitalized as a result of falls. Scores of highway skidding accidents were reported. Many communities were without power or phone services for varying periods as wires broke under the weight of accumulated ice or were torn down by falling ice-laden tree limbs. Rising temperatures by late morning and afternoon restored more normal surface conditions in many areas, although some of the higher elevations experienced icing again in the evening and in the morning of the 7th. Precipitation in extreme southeastern Mass. was mostly in form of rain.						
Southeast	6	Most of day			0	0	4	0	Heavy rain
			Nearly day-long rainfall totaled 3 to 4 inches throughout area. Brooks and other water courses overflowed their banks and street drains became overtaxed. Widespread local flooding of streets and highways, as well as cellars, was reported. Some road washouts also resulted from the heavy downpour.						
Statewide	15-16				0	0	5	0	Wind, rain, glaze
			Severe glazing conditions prevailed in the early morning over inferior parts of the State. Rising temperatures removed most of this dangerous condition by afternoon. Thereafter, general heavy rains in the afternoon and evening were attended and followed by winds of gale force in the evening of the 15th and morning of the 16th. Wind damage was widespread but mostly of a minor nature. Heavy rain in the afternoon and evening combined with melting snow to produce local flooding in many parts of the State.						
Scattered - North, Central and West	22	Morning			0	0	2	0	Glaze
			Several stations in Berkshires and north-central sections experienced light and brief glazing conditions.						
Statewide	30	Afternoon			0	0	4	0	Wind
			A squall line crossed the State accompanied by a sharp rise and fall in temperature, by snow in most sections but rain at times in some areas, skies darkening nearly to the black of night, and very strong gusty winds. Thunder was heard in many sections. Wind gusts reached 40 to 60 m.p.h. or even higher in the eastern portion where many minor wind damages were reported. A 200-yard path of damage suggested the possibility of a small tornado at Ipswich, where a loud roar was heard and one witness had to grab a post to prevent being blown away. The local press reported the storm as a tornado. Though investigation could not confirm this, the possibility of a local vortex occurrence could not be ruled entirely out despite the unseasonable time of year.						
Michigan			None reported						
MINNESOTA			None reported						
MISSISSIPPI									
State	9-11				1	4	7	7	Severe freeze
			Although lower temperatures have been experienced at most stations in the State, notably in February 1899, this was the most destructive freeze of history. This was due to the long period of continuous severe cold weather. Probably 50% of water pipes froze and burst, while frozen automobile radiators and blocks were numerous, especially in the lower half of the State where protective measures were either not taken or were insufficient. The sleet which covered the central and southwest, and dry snow which covered the northern counties brought travel to a standstill. Many businesses, factories, stores, and schools closed for three to seven days. Loss of subtropical trees and shrubbery was almost complete. Some livestock, principally new-born animals, and poultry were killed. At Vicksburg the temperature was 15° or lower for 61 consecutive hours--a record. The best feature of the freeze was the destruction of pests and insects in hibernation. One remarkable feature was the dry snow in the northern counties, seldom seen in this State.						

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
MISSOURI Madison County	21	Evening					4		Thunderstorms
									Heavy rains, up to 3.00 inches fell as thunderstorms moved through the county. Many reports of flooding, and two reports of lightning damage.
MONTANA Eastern Slopes Continental Divide	5-6	Night & early forenoon	200	* 100	0	1	5	0	High gusty wind
									Strong gusty winds along the eastern slopes of Continental Divide did considerable damage to buildings, signs, and TV aerials from Boulder to Cut Bank. Three miles of power line destroyed at Fairfield, and some damage reported at Choteau. The fastest mile at Helena was at the rate of 50 mph with gusts up to 70 mph, and gusts to 75 mph at Cut Bank. Gusts were estimated up to 100 mph at Browning and Choteau.
Central Montana	22-25		275	* 200	0	0	4	0	High wind
									Unusually strong, turbulent, and persistent winds throughout the area did some damage to buildings. On 25th, winds reported up to 100 mph damaged power lines in the Augusta-Fairfield areas. Drifting snow closed many country roads, city streets, and made surface transport difficult in many sections throughout the period. Aircraft at lower elevations reported extreme turbulence at times along the East slopes of the Continental Divide during the day on the 25th.
NEBRASKA			None reported						
NEVADA			None reported						
NEW HAMPSHIRE Statewide	6-7				0	0	4	0	Glaze storm
									Unusually severe glazing conditions occurred during most of the 6th and into the morning of the 7th. Surface conditions became exceptionally slippery and all forms of travel and transportation were seriously slowed. Some power and phone outages resulted when lines either broke under the weight of ice or were taken down by falling ice-laden tree branches. Many pedestrians were injured in falls and numerous highway skidding accidents were reported.
Statewide	15	Morning and afternoon			0	0	4	0	Glaze
									This second general glaze storm of the month was even more severe than the first (see report of 6-7th above). Effects of this storm were similar though intensified compared with those of the earlier storm. In addition, some school sessions were canceled.
Statewide	15-16	Night			0	0	4	0	Wind
									Gale force winds, the night of the 15-16th caused widespread damage, mostly of a minor nature. Thousands of homes throughout the State were without electricity for periods that ranged up to 2 hours or more, as falling tree limbs downed power lines. Shingles were ripped off dwellings and TV antennas were bent or broken.
Statewide	22	Morning			0	0	2	0	Glaze
									Light glazing conditions reported over most of state. Hazardous travel conditions resulted in numerous highway skidding accidents.
NEW JERSEY Statewide	15				0	0	4	0	Windstorm
									A violent, rapidly moving storm crossed the State, with winds recorded at 32 mph in Trenton and Newark, with gusts to 50 mph in the Trenton area. Some wind damage to trees, utility lines, and signs.
NEW MEXICO			None reported						
NEW YORK Statewide, except New York City and Long Island area	5-6	Late p.m. 5th thru most of 6th			0	?	5		Severe ice storm
									Rain falling during subfreezing temperatures - very cold surface conditions - widespread glazing on highways and sidewalks - ice coating of wires and trees, etc. Many hundreds of sidewalk and traffic accidents; power failures due to downed wires; schools closed and many functions cancelled on 6th.
Upstate counties	7				1	?	5		High winds
									Continuation of severe storm conditions which began on the 5th and 6th. High winds developed across New York State and widespread destruction occurred to ice-coated trees and wires. Strong gusty winds reached the 60-70 mph zone. Many airports at standstill for hours; barns destroyed. At Romulus (Seneca County) a woman was killed when the wind knocked over her trailer home and fire resulted. Near Cincinnati (Cortland County) 30 head of cattle were killed when wind demolished a barn. Many roofs were ripped off. Much of the upstate area still ice-coated. Unusually high winds reported in the Buffalo-Elmira-Rochester-Capital District areas.
NEW YORK (Cont'd.) Jefferson, Oswego, Lewis Counties, and Buffalo-Syracuse areas	9-10				0	?	4		Snowstorm
									Heavy localized Great Lakes snowstorm; depth reached 30 inches or more in some areas disrupting normal daily pursuits, travel, closing schools, isolating small communities and widespread clogging of highways.
Eastern New York	15				0	?	5		Freezing rain, high winds, flooding
									Widespread glazing over most communities of Eastern New York. High winds caused considerable damage in scattered areas. Some flooding of small streams in Mohawk Valley due to ice-blockage. Schools closed in many communities due to ice-coated roads. Storm particularly severe as to icing and winds in the following areas: Capital District, Kingston, Ulster County, Poughkeepsie, Orange County, Utica, Amsterdam, Glens Falls northward and in the St. Lawrence Valley.
East-central and south-eastern New York	22				0	?	5		Freezing rain
									Widespread glazing, especially severe in the following areas: Amsterdam, Capital District, Utica, Romeville, Binghamton, Port Jervis, where hazardous highway conditions resulted in closed schools and many accidents.
Syracuse area	26	5 p.m.			0	?	5		Heavy rain and high winds
									Winds in excess of 50 mph downed power lines, blew trees over, unroofed houses and knocked people over.
NORTH CAROLINA Interior	1, 10, 19, 28						4	0	Snow and Sleet
									Multiple occurrences of snow and sleet on above dates and in some sections on several others amounted to a record January total in some areas, and closings of schools, business and commercial establishments caused considerable economic loss due to time not worked. Many minor traffic incidents associated with the storms.
Mountains and Piedmont	5-6						4	0	Snow, Rain, Wind
									Snow in Mountains and rain up to five inches in some Piedmont areas, combined with general windy weather, caused a variety of minor damage over a large area. Numerous local washouts, flooded basements and storm sewers. Some trees blown down, and roofs, power lines and signs damaged.
Forsyth County	15	10 a.m.			0	1	4	0	Windstorm
									High winds in Winston-Salem area broke trees, signs and plate glass windows, disrupted communications and power. One man hospitalized when blown down by a strong gust.
NORTH CAROLINA			None reported						
OHIO			None reported						
OKLAHOMA Entire State except Southeastern Counties	4-6				1	2	4	0	Snowstorm, glaze and high winds
									High winds in Southwestern and Central Counties preceded and accompanied the movement of a glaze and snowstorm northeastward across the State during the 5th. Western Counties experienced damaging winds of 30 to 55 MPH with gusts of 71 MPH recorded at Oklahoma City. Wind gusts deroofed most of a 250 ft. chicken house and toppled a feed storage bin two miles south of Purcell. Extensive utility outages in Beckham, Greer and Jackson Counties occurred with 20 power poles downed in Elk City and Sayre area. Glaze, sleet and snow accumulated 2 to 6 inches with heaviest bank of snow extending through Altus and Hobart to Alva and Enid. Blowing and drifting snow in all areas created hazardous travel conditions leading to a rash of accidents with many cars being stalled and abandoned on the roads and streets. Drifts up to 5 feet deep were reported in Fairview area. Two Enid people were injured on the 5th from slipping on ice. One Oklahoma City man died from exposure after being injured on icy steps during the early morning of the 6th.
Oklahoma City, Oklahoma County	5	12:01 a.m.			0	0	0	0	Hail
									One-half to one and one-half inch diameter hail reported over City.
Entire State except Southwestern Counties	8-9				2	0	4	0	Glaze and snow
									Storm entered Panhandle of State at midday of the 8th bringing two inches new snow to Northern Counties and up to 6 inches in Poteau area of Eastern Counties. Many roads were closed in Poteau area with the southern reaches of the storm area experiencing glaze and hazardous driving conditions. Nearly 700 phone line outages occurred in the Ardmore area. An elderly Watonga woman died from exposure on the morning of the 9th. The death of an Oklahoma City man was reported from injuries received in slipping on sidewalk ice on the 9th.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.)									
Statewide	10-13				3	0	4	0	Cold spell
	Intense cold air covered the state with coldest temperatures of the winter up to this time recorded. Extensive broken water pipes and mains occurred in the Ardmore area. Two deaths reported from freezing on the 11th; first a Bristow woman injured by slipping on ice and second a McAlester man who froze to death after his stove fire burned out. An Altus woman died of exposure on the 13th after being injured from a fall on the ice.								
Statewide	17-22				0	0	6	0	Snow, sleet and glaze
	Storm entered the Panhandle late on 17th bringing snow depths up to 5 inches in North-Central Counties and variable periods of snow, sleet and glaze to the rest of the State through the 22nd. Extensive glazing occurred in Central Counties during the storm requiring frequent sanding and salting operations. Driving conditions over the State remained hazardous with many auto accidents occurring and several deaths resulting. Moderating temperatures by the end of the period began to show the road and pavement damage incurred during January snows, rains, freezes and thaws. Damage to Oklahoma's highway system is estimated at \$900,000. Additional street damage reported from communities statewide, indicating some estimates running as high as 50%.								
OREGON	No report received by printing deadline.								
PENNSYLVANIA									
Nescopeck	7	2:30A.M.		100-300			5		Twister
	Strong wind from the storm destroyed a lumber company warehouse, a new laundromat, and severely damaged a nearby auto. Roofing timbers from the warehouse were driven as much as 4 feet into the ground where they landed. Total damage estimated at \$100,000.								
Berwick	7	2:00A.M.					4		Wind
	Winds in excess of 50mph lifted a roof from a barn and toppled a nearby silo. Up to 25% of the community Christmas decorations suffered wind damage, along with signs, street lights, trees, roof shingles, and windows.								
Lancaster County	15	Afternoon					4		Wind
	Strong, gusty winds blew down a tobacco barn near Manheim. Near Elizabethtown, a barn was unroofed and moved 6 inches off its foundation.								
Adams County	15	Afternoon					3		Wind
	Strong winds unroofed a home in McSherrystown, with damage estimated at \$4800.								
Chester & Lehigh Counties	30	Afternoon			1		4		Wind
	Winds up to 45mph damaged a number of house roofs and outdoor signs. Near Bethlehem, the wall of a large warehouse under construction, was toppled, injuring a workman.								
PUERTO RICO	None reported								
RHODE ISLAND									
Statewide	6-7	6:00 a., 6th - 6:00 a., 7th			0	0	4	0	Heavy rain
	Very heavy rains of 2 1/4 - 5 1/2 inches began on the morning of the 6th and ended on the morning of the 7th. Considerable flooding of small streams, roads and lowland areas. Many all time 24 hour record amounts for January shattered from Providence to Kingston which recorded 3.34 and 5.27 inches respectively. Greatest property damage in City of Providence and in Warwick where ponds overflowed dikes protecting industrial sites.								
SOUTH CAROLINA									
Northern Counties from Anderson to York	1	Morning			0	0	4	0	Ice and snow
	Snowfall amounts ranged from over an inch in the southern parts of the area to over 8 inches in the mountains. Arriving as sleet and ice in the Spartanburg area, a record January snow of 7 inches caused considerable public discomfort. Many sections of telephone and power lines were interrupted and fallen live wires created shock hazards.								
Flum Branch Community, McCormick County	6	8:15 a.m.	1	Narrow	0	1	3	0	Tornado
	Tornado lifted a house and moved it about 5 ft., then hopped to White Town Community a mile to the NE and blew off a roof. The funnel was apparently not seen but the characteristic noise was heard.								
Charleston, Charleston County	12	5:00 a. -10:00 a.			0	0	4	0	Ice storm
	The severest ice storm since 1934. Bridges were closed, traffic was severely restricted and there were many vehicular accidents.								
SOUTH DAKOTA									
Statewide	6-9				0	0	0	0	Snow, wind, cold
	Snow, strong winds, and sub-zero temperatures, periods of near blizzard conditions and icy roads caused hazardous driving conditions.								
TENNESSEE	None reported								
TEXAS									
Entire State	9-12				2	7	7	7	Cold wave.
	The most severe cold wave since 1951 engulfed the State from January 9th through the 12th. Low temperatures ranged from 15° F below zero at Higgins in the Panhandle on the 10th to 10° F above zero at Rio Grande City in the Lower Rio Grande Valley. Harlingen reported a low of 14° F. Freezing temperatures or lower were continuous for almost all Lower Rio Grande Valley stations for approximately 65 hours. The minimum of 19° F at Brownsville on the 12th was the lowest temperature since the 18° on February 11, 1899. The sub-freezing temperatures caused extensive damage to winter vegetables, citrus fruits, flax, and some small grains and clovers. Shrinkage of livestock was heavy with deaths limited mostly to newborn calves and lambs in eastern and western counties. Two persons died from exposure; 36 other deaths were blamed on the weather indirectly. These were the result of traffic accidents on icy roads, falls on ice, and drownings on ice-covered lakes and streams. Heaviest damage occurred in the area from San Antonio southward where vegetation and housing are not prepared for such low temperatures. All unharvested citrus was destroyed except for a small quantity salvaged for juice processing. This amounted to 62 percent of the grapefruit production and 41 percent of the orange production, a total citrus fruit loss of 9.5 million dollars. South Texas vegetable losses were estimated at 8.0 million dollars. Young citrus trees suffered severe damage while bark splitting was heavy in older trees. Citrus trees were the most dormant in about 41 years so that damage was not nearly so severe as in the 1951 cold wave. The Texas flax crop was almost all destroyed. The oat crop suffered heavily, but the extent of damage is not known. Pipe damage from freezing was widespread throughout South Texas with typical residential repairs ranging from about \$15 to \$50. Damage to paving from freezing was extensive through the state. Ice accumulation on utility lines, together with 50 mph winds pulled down at least 300 poles on the South Plains. Winds of 52 mph resulted in \$5000 damage to boats and boatsheds in Port Arthur. Statewide crop losses are roughly estimated at \$50 million, and property losses at \$10 million, as a result of the cold wave. Little beneficial moisture accompanied the cold wave except for 5 to 6 inches of snow in Northeast Texas. Snowfall was heaviest in the Texarkana area, where 7.5 inches fell, the greatest 24-hour amount in 20 years.								
UTAH									
Northwest portion	20-21				1	0	4	0	Wind, snow, low temperatures
	Strong winds on 20th snapped power lines and poles, blew down walls, trees, drifted snow blocking highways. Mother of four abandoned car and froze to death.								
VERMONT									
Burlington (Lake Champlain)	4	8 A.M.			0	0	0	0	Waterspout
	Waterspout observed offshore moving from north to south.								
Statewide	6-7				0	0	4	0	Glaze
	Severe glazing conditions occurred during most of the 6th and into the morning of the 7th. Some power and phone outages resulted from broken iced-up lines or lines downed by falling ice-laden tree limbs.								
Statewide	15	Morning and afternoon			0	0	4	0	Glaze
	Effects of storm were similar to but more severe than those of the month's earlier glaze storm (see report of 6-7th above). In addition, many school sessions were canceled, and more highway skidding accidents and more pedestrian victims of falls were reported.								
Statewide	15-16	Night			0	0	4	0	Wind
	Gale-force winds, the night of the 15-16th, did widespread damage, mostly of a minor nature.								
Scattered areas	22	Morning			0	0	2	0	Glaze
	Light glazing occurred at scattered places in the State.								
U.S. VIRGIN ISLANDS	None reported								
VIRGINIA									
Halifax County	6	3:30pm	?	?	0	0	?	0	Tornado
	On the Hite farm near Aarons Creek a number of farm outbuildings were destroyed and a horse trailer damaged; a path of "twisted-off" and uprooted trees was cut through nearby woods.								

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1962

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
WASHINGTON			None	reported					
WEST VIRGINIA			None	reported					
WISCONSIN			None	reported					
WYOMING			None	reported					

\* Miles instead of yards.

† 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 \$5,000,000
- 7 \$5,000,000 to \$50,000,000
- 8 \$50,000,000 to \$500,000,000
- 9 \$500,000,000 to \$5,000,000,000.

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of this type of data, it is not all-inclusive. Delayed data and corrections will be carried in the June and December issues of this publication.

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