

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B. TROWBRIDGE, Acting Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

FEBRUARY 1967

Volume 9 No. 2



ASHEVILLE: 1967

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA			None reported						
ALASKA			None reported						
ARIZONA			None reported						
ARKANSAS									
Eastern Mississippi County	2	3:45 a.	?	?	0	0	0	0	Tornado
			Tornado was observed by several witnesses as it touched down in an open field and moved northeast across open country.						
Baxter County	8	11:00 a.			0	0	4	0	Wind and rain
			High winds blew down wall of school under construction, demolished small buildings, damaged roofs and signs, and blew down trees.						
Johnson County	15	10:05 a.							Funnel aloft
			Funnel cloud observed moving northeastward.						
CALIFORNIA									
San Diego	11	11:30 a.m.			0	0	0	0	Funnel Cloud
			Navy observers reported a funnel cloud to the north-northwest, moving northward and dissipating rapidly.						
COLORADO									
Larimer, Boulder, and El Paso Counties	13 & 14				0	0	4		High Wind
			High winds from about 6:30 p.m. on the 13th to 6:30 a.m. on the 14th caused damage to property in areas along the front ranges of the mountains. Wind gusts were estimated at 60 to 90 mph in some localities.						
			Damage included downed powerlines over a wide area, several planes blown about at the Loveland-Ft. Collins Airport, two buildings de-roofed at Ft. Collins, and trailer houses damaged at Boulder. There was widespread minor damage from wind at Colorado Springs, and high winds caused local minor damage over a wide area of the mountains to the western border.						
CONNECTICUT									
Statewide	7	Day			0	0	5	0	Blizzard
			Full-fledged blizzard with snowfalls of 4-10 inches in the south and 10-16 inches in the north followed a number of smaller snowfalls of the 1st through the 6th. High winds piled the snow into high drifts which stalled air and road transportation and closed schools for 2 days. Snow removal was difficult and more expensive than usual.						
Statewide	16	9:00 a-12:00 p			0	2	5	0	Wind
			Intense winds with gusts reaching 74 mph toppled signs and trees, smashed plate glass windows and downed numerous power lines. In Naugatuck the wind knocked a 39 by 55 foot sign from a rooftop onto 5 automobiles and a railroad car. In Groton a 30 by 80 foot roof was lifted to the street. One small aircraft in New Haven and 3 in Hartford were overturned. Two people were directly injured by the action of the wind.						
Statewide	23	P.M.			0	0	4	0	Icy roads
			Snow, freezing rain and sleet caused severe glazing on many roads which resulted in a number of accidents.						
DELAWARE									
Statewide	6-7	Late p.m. to early p.m.							Snow
			The first of three major snowstorms during February gave snow totals ranging from 4 inches in the south to 11 inches in the north. Winds caused some drifting up to four feet. Many schools and business establishments were closed on the 7th. One man, while checking his tire chains, died apparently from a heart attack at Wilmington.						
Southern portion	9-10	Late p.m. to mid a.m.							Snow
			Snow totals reached up to 15 inches in Sussex County but ranged over the state from 2 1/2 to 4 inches in the north to 8 to 15 inches in the south.						
Northern portion	16	Early morning			0	0	4	0	Wind
			Strong and gusty winds, associated with a sharp cold front, caused widespread minor damage by ripping off roofs, tumbling billboards, knocking down television antennas and shattering windows. Parts of a building under construction at University of Delaware were blown down. Wind records of the Weather Bureau at the Greater Wilmington Airport indicated that these were the highest gusts since February 1965.						
DELAWARE (Cont'd)									
Southern portion	17-18	a. m. to p. m.							Snow
			The third major snowstorm of the month gave totals to over 10 inches in Sussex County and ranged over the state from 4 to over 10 inches. This storm, together with the other two major snowstorms of the month, brought record or near record February total snowfall to many stations in the Sussex County area; only the February 1899 snowfall is comparable.						
FLORIDA									
Brevard County	12	Afternoon						5	Wind
			Steel skeleton of a 25,000 square foot boat storage building collapsed during a brief but violent wind and rain storm three miles north of Sebastian Inlet. Owner estimated damage in excess of \$50,000.						
Deerfield Beach Broward County	22	Afternoon	?	?	0	0	2		Tornado
			A small tornado overturned an office trailer west of town injuring two women, one seriously.						
GEORGIA									
HAWAII									
Lihue, Kauai	10	2:18 p.-2:25 p.			0	0	0		Waterspout
			Fires sighted 10 miles southeast of Lihue Airport accompanying southwestward-moving line of towering cumulus clouds. Funnel about one-eighth mile in diameter and undulating slowly between cloud base and sea. Rain, but no thunderstorm or lightning, in vicinity. However, Lihue and other parts of Kauai were reporting heavy thundershowers at the time.						
IDAHO									
Lewiston	4	Mid-day						3	Wind
			Winds, which reached 55 mph in gusts at Lewiston Airport at 11:45 a.m., through area with some structural damage and many broken tree limbs. Major damage was to 43-foot house trailer which was overturned on U.S. 95 at top of Lewiston Hill.						
Malta	7	Afternoon						3	Wind
			Large trailer house was blown from highway and demolished 10 miles south of Malta.						
Richfield	14	Morning							Icing
			Electric service was interrupted for 2 hours in rural Richfield area to heavy icing on lines.						
Montpelier	17	3:00 a.						3	Snow
			Semi-trailer truck ran off highway in blinding snowstorm 10 1/2 miles east of Montpelier. Equipment badly damaged, driver unhurt.						
Lewiston	17-18	Night & Morning						3	Wind
			Gusty winds Friday night and early Saturday cut power in Lewiston area and in some 250 homes in 3-county area. Major outages were in Latah and northern Nez Perce counties. Guy wires (4 cables) supporting radio repeater station of Nez Perce County Highway Dept. on hill near Spalding were snapped, resulting in severe damage to transmitting equipment and collapse of station building. Wind reached 46 mph at Lewiston Weather Bureau Airport Station.						
Bannock County	18	3:00 p.						2 6	Avalanche
			Two persons died in a snow slide at Skyline Ski Area, southeast of of Pocatello, as 35 members of ski patrols were studying avalanche control.						
ILLINOIS									
INDIANA									
Indiana	15	Evening			0	0	4	0	Wind, hail
			A cold front caused state-wide but scattered damage as winds approaching hurricane velocities in gusts damaged roofs, blew down signs, antennas and trees. It passed Indianapolis at 9:35p.m. with heavy rain and hail of 1/8 inch diameter; gusts were to 48 m.p.h. Temperatures dropped 15 degrees in five minutes. At Evansville, temperatures dropped from 64 to 45 degrees in less than twenty minutes as the front passed at 6:50 a.m.						
Modoc, Randolph County	15	Before 9:50 p.m.	0.5	10	0	0	3	0	Tornado
			Tornado damaged and moved a houstrailer fifty feet and tore a roof from a building.						
Tocsin, Wells County	16				0	0	5	0	Lightning
			Lightning and resulting fire along with high winds destroyed a lumber yard.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1967

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	
INDIANA (Cont'd.) Northwest	23-24				0	0	4	0			Snow
											Blizzard - high winds, snow and western soils cut visibility to zero. Some roads closed by snow drifts. Winds reached 82 miles an hour in gusts at Ogden Dunes. Basketball tournament fans were marooned overnight at Monon, Crown Point, Westville and Chesterton gyms.
IOWA					None reported						
KANSAS	5, 21, 23				0	0	0	5			Wind
											Strong winds on several days caused blowing dust over portions of western and central Kansas, damaging fall seeded crops. Wind gusts to 67 mph were reported in central Kansas on Feb. 23 and visibility was locally reduced to 1 mile in blowing dust.
KENTUCKY											
Jefferson	2						?				Hail
											Hail, 1/4-inch or less in diameter, occurred with a thunderstorm.
Boone and Kenton Counties	15	9:00 p.	**50	50			4				Tornadoes
											Two small tornadoes moving along the same line from west-northwest to east-southeast, touched down very briefly at two locations, damaging a barn, and buildings in an industrial park. The storms were accompanied by 1/4-inch hail and lightning. Length of each path was from 30 to 100 yards.
State	15						?	5			High winds
											High winds were Statewide, speeds ranging from 30 to 65 miles per hour being recorded at locations having wind instruments. There was damage to buildings, trees, and utility lines.
State	23						?	?			High winds, snow
											High winds were Statewide. Winds speeds ranging from about 29 to 50 miles per hour were recorded by a number of stations having wind instruments. There were some reports of damage. In a number of areas the weather at times approached near-blizzard conditions - high winds accompanied by snow, temperatures in the 20's, reduced visibilities, hazardous driving conditions.
LOUISIANA											
Southeast Division	6-7	p.m. p.m.			3	0	5	0			Heavy rains
											Heavy rains over most of Southeast Division dampened pre-Mardi Gras celebration; scarred traffic, closing several main streets and roads, including the Airline Highway; forced evacuation of several hundred persons from flood waters in sections of Jefferson and Orleans Parishes. More than 5 1/2 inches of rain fell in little more than 24 hours from northern Terrebonne Parish eastward to Orleans and northern St. Bernard parishes. At Audubon Park, New Orleans, 24-hour total of 7.07 inches is new record for February. Three traffic fatalities attributed to effect of rainfall.
MAINE											
Central and southern	2				0	0	3	0			Snow
											Storm gave 5 to 7 inches new snow. It knocked out power in the Falmouth area. As hazardous travel conditions developed, school sessions were cancelled.
Central and southern	16				0	0	4	0			Glaze, wind
											Many local areas of glazing in morning caused treacherous roads and some accidents. Schools closed in many areas. Strong gusty winds damaged trees, signs, utility lines, etc.
State	23				0	0	5	0			Snow
											Excessive snowfall totals ranging mostly 12 to 18 inches along the coast and in the southwest where this was the most paralyzing snowstorm in a long time. Schools and business activities closed and all transportation was halted or delayed. The Turnpike was closed. Cars stuck and abandoned plus jack-knifed trucks hampered normal snowplowing. Unaccounted travellers were forced to take emergency shelter for the night. The Portland area was particularly hard hit. Wet snow clung to trees and wires. Excessive snow loads combined with some wind to topple many trees and branches, resulting in much damage to forests and shrubs and also to utility lines. Snow totals decreased northward to mostly 4 to 8 inches in the northern portion, where the storm continued into the next day, but without major damage.
MARYLAND											
Frederick County	2	Afternoon			0	0	4	0			Wind
											Strong gusty winds, associated with cold front passage, totally wrecked two mobile homes and damaged others. One barn was destroyed and the roofs of three others were blown off. Trees and utility poles were knocked down, blocking several highways temporarily. Damage estimated near \$40,000.
MARYLAND (Cont'd.)											
Statewide	6-7	Late p.m. to early p.m.									Snow
											First of three major snowstorms during February gave totals to ten inches and higher in northern areas; only southern Eastern Shore had four inches or less. Maximum recorded total was 14.2 inches at Catoptin Mountain Park (near Thurmont). Schools were closed in many areas of the state and many offices and business establishments did not open on the 7th.
Central and Southern Eastern Shore	9-10	Late p.m. to mid a.m.									Snow
											Totals from this storm reached over 12 inches in Wicomico County. Schools and scores of factories, stores and offices were closed on the 10th.
Northern portion	16	Morning			0	0	4	0			Wind
											Very strong and gusty winds, associated with a sharp cold front, brought widespread damage, especially to the Frederick and Cumberland areas. At both cities anemometers were blown away. A 120- by 60-foot loafing barn near Frederick was destroyed by fire when wind snapped a high voltage cable leading to the structure; twenty heifers perished. Damage was estimated at about \$20,000. At Cumberland, a number of buildings were unroofed, utility poles knocked down and many trees uprooted.
Southern portion	17-18	a.m. to p.m.									Snow
											The third major snowstorm of the month gave totals to near 12 inches and brought February monthly snowfall totals to near record highs, especially on Eastern Shore where only the February 1899 snowfall was greater. Heaviest recorded total for this storm was 11.5 inches at Denton.
MASSACHUSETTS											
State	2	Evening			0	0	0	0			Lightning, glaze
											Unseasonal thunderstorms in many areas in the evening. No damage reported. Glazing in many areas from freezing rain.
State	7	Daytime			0	0	5	0			Blizzard
											Storm yielded 8 to 14 inches of snow from Worcester Co. eastward and in Hampden Co. and was the heaviest fall so far in the season in these areas. Amounts tapered to 5 to 10 inches in Berkshire, Hampshire, and Franklin Counties. Air traffic was grounded by mid-morning while surface transport was seriously hampered. Most school sessions were canceled. At least 11 deaths from heart attacks were attributed to the storm; each was while walking or shoveling snow, or while trying to move stuck cars. With temperature around 10° or lower at the height of the storm, attendant northeasterly gales caused heavy drifting. Stores and offices closed early in afternoon. In Boston, streets became relatively cleared of parked cars which permitted a rapid pace for plowing and snow removal. Wind battered the coast and shore installations and caused widespread but mostly minor damage inland.
Southeastern and Cape Cod	10	Morning			0	0	3	0			Snow
											This was second major snowstorm in a week in this area, bringing an additional 5 to 10 inches of heavy, wet snow. School sessions were cancelled and a number of businesses and factories remained closed. Air traffic was grounded.
State	16				0	18	6	0			Wind
											High wind with gusts ranging up to 60 to 80 mph in many areas. Widespread structural damage to chimneys and roofs. Wind toppled signs, antennae, trees and limbs. Many utility failures. Six children injured in Worcester when ventilator blew from a roof. One seriously injured when blown from roof of building and fell 25 ft. to ground in Salem. A number injured in various communities when blown from feet while walking, one with broken leg in Stoneham. A man was blown into a fountain in Boston. Not injured, he picked himself up and walked wetly away. Some lacerated by flying glass from broken windows and others from falling limbs. Many cars smashed by falling trees, roofs, or other objects. An airplane was torn from tethers and wrecked at Plum Island.
State	23				0	0	5	0			Snow
											Heavy, wet snow totalled 6 to 12 inches over most of state, except tapering off to little or none on Cape Cod. Some totals to 15 inches in some higher elevations of northwest and north-central. Wet snow clung to trees and wires to form ice ropes on wires of 4 to 5 inches in diameter. Excess loading combined with some wind to cause much damage to forests, shrubbery, and utility lines. All road traffic hazardous and delayed. Schools and many businesses closed.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS			
MICHIGAN Southern one-half Lower Peninsula	15	7 PM - midnight			0	0	5	0	Thunderstorms - High Winds		
		A line of heavy thunderstorms with gusts of 60-65 mph moved eastward across the state causing frequent power failures. Hardest hit was southeastern Michigan where winds destroyed or heavily damaged five buildings. The largest, a 30' X 90' workshop at the State Park in Monroe County. Many large plate glass windows were blown out throughout the area and a light air craft at the Benton Harbor Airport was wrenched from its moorings and flipped over.									
MINNESOTA Central and Southern Minnesota	15				0	?	5	0	Blizzard		
		Two to eight inches of snow, winds of 40 mph and fast falling temperature accompanied the fast moving storm. Roads were blocked and hundreds of schools and businesses closed.									
MISSISSIPPI Hinds County	20	7:00 AM	Short	Narrow	0	0	4	0	Tornado and Wind Damage		
		During series of thunderstorms small tornado momentarily touched down in Northwestern Jackson. Windows one house blown outward on all sides; occupant reported roaring sound and momentarily unable to open interior door. Other minor very local wind damage reported in parts of W and NW Jackson; some trees uprooted, roof damage, and carport moved from foundation.									
MISSOURI MONTANA			None reported								
Choteau (southwest) Teton County	4	Forenoon	?	?	0	1	3	0	Strong Wind		
		Strong wind blew over an 8-foot fence which fell on a little girl causing several cuts and bruises. Considerable damage was reported to farm buildings and haystacks in the area.									
Billings, Yellowstone County	21	Afternoon	?	?	0	1	0	0	Strong Wind		
		When she opened the door to get the mail, the force of the wind threw a woman to the ground and her leg was broken. Gusts up to 55 miles per hour were reported during the day.									
NEBRASKA NEVADA NEW HAMPSHIRE			None reported								
State	16				0	2	5	0	Wind, glaze, lightning		
		Widespread damage by high winds. Trees and utility lines hit the hardest. Some signs, antennae, etc., damaged also. A construction worker was injured at Bow when blown from a staging and another person was injured by flying glass from a broken window in Salem. Wind gusts in 60 to 80 mph range in many areas. Glaze from freezing rain in numerous local areas in morning caused hazardous travel. Some scattered thunderstorms, unseasonable.									
State	23				0	0	4	0	Snow		
		Snow totalling mostly 10 to 18 inches fell over the state with heaviest amounts in east-central portion. Wolfboro reported 22 inches. The damp snow clung to trees and wires and the excessive loading combined with some wind to cause many trees and limbs to topple. Damage to forests and shrubbery was considerable, plus many resulting utility failures. Many schools and businesses closed. All travel was delayed and hazardous.									
NEW JERSEY Statewide	7	All day					5		Heavy snow.		
		Snowfall ranging from 6 to 16 inches accompanied by high winds and temperatures in the teens, blocked streets and highways throughout the State. Damage to buildings and trees, caused by the heavy snow load, was reported in many areas.									
NEW MEXICO NEW YORK			None reported								
Southeast	7	Early a.m. to late p.m.							Blizzard		
		Coastal storm, accompanied by temperatures in the teens and wind velocities of up to 40 mph, produced blizzard conditions for about 15 hours in extreme southeastern sections. Snowfall totals of 13 to 18 inches extended from greater New York City and western Long Island northward to Ulster and Dutchess Counties in lower Hudson Valley, while 10 to 14 inches fell in Catskills and on eastern Long Island. Total of 12.5 inches in New York City, heaviest storm yield since February 1964, paralyzed City for most of two-									
NEW YORK (Cont'd.)											
State	16	Most of day			5	16	6		Wind		
		day period. Schools and industries closed, early dismissal of workers hopelessly jammed major railroad and subway terminals and airports ceased operation until almost midday on 8th. Highways and streets virtually impassable throughout heavy snowbelt. Countless auto accidents with a few resulting in fatalities. Cost of snow removal in New York City estimated at \$3.5 million.									
		Winds with peak gusts of 85 mph, recorded at several places raked entire state, beginning shortly after midnight along Lake Erie and reaching eastern third by late morning. Observation points recorded gusts of over 70 mph for a period of 6 hours or more. Electrical activity early a.m. near Great Lakes and St. Lawrence Valley and 1/4 hail fell at Buffalo. Temperatures dropped 6° per hour western half with cold front passage. Heavy property damage all sections, although somewhat reduced in extreme north. Two men killed in Buffalo when adjacent building collapsed on rooming house; man killed another injured at Rochester when blown from 86-foot construction scaffold; two fatalities in separate incidents in western counties when overturned house trailers caught fire. Many other house trailers blown over or otherwise damaged statewide with serious injuries to occupants reported in Oneida and Rensselaer Counties. Buildings of all sorts unroofed or demolished to varying degrees, including destruction of several structures in process of construction. Falling adjacent building caused collapse of roof and second floor of store in Cloversville, Fulton County, injuring five, while demolished barn killed 25 dairy cattle in Genesee County. Large crane toppled into Harlem River, New York City, injuring operator, while berthing of liner, Micangelo, under high winds caused anxious moments on nearby Queen Mary, New York harbor. Two men injured when large limb fell on car in Westchester County; small car blown off road in Livingston County injured driver. Heavy toll statewide of porches, billboards, large windows, trees and utility wires as well as to buildings and autos from falling trees and limbs. Level of Lake Erie raised 9 feet above normal at Buffalo for second highest such occurrence since 1929.									
Hudson Valley and Coastal	23	a.m.							Snow		
		Snowfall totals of 6 to 10 inches lower Hudson Valley decreasing to 3 to 5 inches upper Hudson Valley and western Long Island within about 12 hours resulted in widespread closure of schools and some industries. Highway travel very hazardous with long traffic tieups near metropolitan areas of lower Hudson Valley.									
NORTH CAROLINA North and Central Interior	7						4	0	Snow, Sleet, Glaze		
		Vigorous low pressure storm crossing state caused general rain and a cold turn, with precipitation ending as a variable mixture of frozen and freezing forms. Light to moderate accumulations of ice and snow slowed or stopped traffic and caused some economic loss due to closing of schools and businesses. Weather also was a contributing factor in some automobile and personal accidents.									
Dare County	7	5:35 pm	short	narrow	0	0	3	0	Waterspout		
		Diamond Shoals light tower damaged when funnel passed nearby. Winds to 100 miles per hour recorded. All glass panels on light gallery broken, framework bent. Light and radio knocked out. Direction of movement not reported.									
Statewide	9						4	0	Snow, Sleet, Glaze		
		Heaviest 24-hour snowfall in nine years, heaviest for February in nineteen years, some areas Piedmont and Interior Coastal Plain. Depths up to eleven inches. Lesser amounts elsewhere over state, with some accumulation except near coast. Many accidents. Traffic stopped several hours over large areas. Schools and businesses closed. Two deaths from weather-related accident.									
Mountains, North & Central Piedmont, Northern Interior Coastal Plain	17-18						5	0	Glaze		
		Heavy accumulation of ice on trees and wires Greensboro-Winston-Salem area and northward to Virginia border; lesser amounts elsewhere. Much breakage of limbs, trees and wires, with damage to houses and automobiles from falling trees and limbs. Power off one to two days many areas, much hardship due to heating systems inoperative. Considerable loss of perishables in storage, from failure of refrigeration.									
Statewide	25						4	0	Cold		
		Record-breaking low temperatures for so late in season; below zero mountains, zero to ten above Piedmont, ten to twenty Coastal Plain. Much freezing of water pipes. 3 deaths from weather-related exposure.									
Southern Mountains	28						4	0	Glaze		
		Ice storm several mountain counties, many breakages of power and telephone wires. Considerable damage to trees, and some to property struck by falling limbs.									

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA									
Entire state	23	Evening			2		4		Blizzard
	Arctic air moved into northern North Dakota the evening of February 23 and swept rapidly across the state. Only 1 to 3 inches of snowfall were recorded but winds of up to 55 m.p.h. caused some drifting of snow and low visibilities halted most highway traffic over the state. Two elderly men in the storm, one at Minot, the other at Jamestown, died from exposure. The storm was most severe in eastern North Dakota.								
OHIO									
Entire State	15-16	8:00p-5:00a			1	24	7		Wind, Hail, Lightning
	One of the worst and most widespread windstorms of recent years battered the state from the Ohio River to Lake Erie and from Indiana to Pennsylvania. Sustained wind speeds of 35-40 m.p.h. with gusts to 81 m.p.h. occurred for nearly 9 hours. Damage from the storm reached into the multi-million-dollar figure. County and state highway workers, normally faced with snow and ice problems, found themselves clearing the roads of trees and limbs. In view of the mess of felled trees, towers, poles, TV antennas, power lines, toppled house trailers, ruined roofs, and shattered windows, the personal injury toll was amazingly light. There were scores of reports of trees or limbs falling on houses, cars, and trailers. Property owners throughout the state found their yards littered with debris from the storm. Flying garbage cans rumbled through-out many communities during the storm. The strong winds caused many furnaces to operate improperly. Some furnaces exploded and started fires. A trailer and a gas station were destroyed in this manner. Numerous reports of damage to partially completed buildings were received. Some of these damages exceeded \$100,000. A 153 foot radio tower collapsed at Sidney, a 310 foot antenna was downed in Medina. A Cleveland man was killed when a house trailer used at a construction site overturned on him as he left a local auditorium. Reports of tractor-trailer rigs being upended by wind gusts were common. A Greene County farmer lost 37 Hereford cattle when the barn in which they were housed blew down. In Tuscarawas County half the 100 member work force of a plant at Sugar Creek was laid off after a wall was blown down. Many youngsters were given an unexpected holiday on the 16th when many schools were closed due to lack of electrical power. In the Fort Clinton area, the high winds reduced the level of Lake Erie to almost a record low depth for that area. Firemen answered thousands of calls about downed wires. Many drive-in-theater screens sustained severe damage or were totally destroyed during the storm. A new home on the Cedar Point Causeway, sustained \$20,000 damage after being struck by lightning. A hail storm pelted the Marblehead Peninsula near Port Clinton for 10 minutes inflicting some damage to cars. Scattered reports of parked airplanes being overturned or damaged were received. Insurance agents were swamped with thousands of \$50 and \$100 claims. Upon inspection by Weather Bureau personnel the unconfirmed tornado at Waco, a small community 2 miles southeast of Canton, was judged to be general wind damage instead of a tornado. Most of the injured were occupants of house trailers.								
OKLAHOMA									
Ardmore, near, Carter County	1	6:09p	7	7	0	0	0	0	Wind
	The FAA Flight Service Station at the Ardmore Airpark observed wind gusts up to 60 MPH during the passage of a cold front. No damage was reported.								
Northeast quadrant of State	16	8:30a-6:30p	150	*90	0	0	7	0	Snow
	Light snow of 1 to 2 inches glazed roads in the northeast with greatest totals of 5 to 7 inches recorded in Cherokee, Adair, and southern Delaware Counties. Schools and businesses in the Tahlequah-Westville area closed early and hazardous roads became clogged with stalled cars and trucks. Many motorists abandoned vehicles after getting them off the road as visibility dropped to less than 50 feet during the height of the storm.								
Guyton area, Texas County	25	1:00p	7	7	0	0	0	0	Wind
	Brisk south-southwest winds averaging 36 MPH were accompanied by gusts up to 56 MPH in the Guyton area with blowing dust restricting the visibility to 5 miles.								
OREGON									
PACIFIC AREA									
PENNSYLVANIA									
Statewide	16	1:00 A.M. to 10:00 A.M.			1	21	7		Wind
	Sustained winds of 40 mph with gusts of up to 90 mph following the passage of a fast moving cold front caused damage statewide to building roofs, trees, utility lines, TV antennas, billboards and other outdoor exposed objects. One of the largest casualties were mobile homes, 15 of which were overturned and demolished while 14 others suffered lesser damage with losses estimated in excess of \$100,000. A total of 17 persons were injured in the trailers when they were overturned. Four other persons were injured in wind related accidents that ranged from a utility employee being swept from a pole to an elderly woman being knocked to the ground. At various airports in southwestern counties 14 aircraft and 5 hangers suffered damage totaling \$500,000. Most of the aircraft were torn loose from their moorings. A number of barns were flattened and several block walls of commercial buildings under construction were toppled. Innumerable windows were shattered by the strong winds including a number of large plate glass store windows.								
PUERTO RICO									
RHODE ISLAND									
Statewide	7	Day			0	0	5	0	Blizzard
	Strong winds combined with low temperatures to cause blizzard conditions. New snowfalls of 5-12 inches were complicated by 3 inch fall of previous day. Storm of the 6th closed schools and delayed transportation throughout state.								
Statewide	16	Day			0	4	4	0	Wind
	State buffeted by winds which reached 68 mph in gusts. Wind downed power lines, toppled one small aircraft, shattered plate glass windows and helped to cause a building wall in Providence to collapse. Falling debris injured a worker and a pedestrian in Providence. Top school children in Pawtucket were hurt when a glass school-room window blew outward into the street.								
SOUTH CAROLINA									
Greenwood County	25-26	5 p.m.-9 a.m.			1				Cold wave
Dillon County	25-26				1				Cold wave
Charleston County	24-25				1				Cold wave
SOUTH DAKOTA									
Most of State	14-15	PM 14th AM 15th			1	0	0	0	Blizzard
	Heaviest snow fell in central part of state with Pierre receiving 10 inches and 14 inches was reported near Harrold. Elsewhere 1 to 4 inches of snow was common. Winds of 20 to 30 MPH with gusts over 40 MPH caused extensive drifting and blowing snow reducing visibilities occasionally to near zero. Many schools were closed and other activities curtailed. Temperatures of 5 to 15 degrees below zero were common morning of 15th. A farmer died in the storm near Hale where his car stalled and he attempted to walk.								
TENNESSEE									
Bell Buckle Webb School Area Bedford County	15	11:30PM					?		Wind storm
	Carport unroofed, shingles blow off roofs.								
Jackson Madison County	15	12:00PM					?		High wind
	Wind blew down concrete block wall on new car. Extensive damage to car.								
Lewisburg Marshall County	15	Afternoon					?		Wind
	Wind blew down concrete block wall of building under construction.								
Statewide	14-15				1		?		Dry weather
	Numerous grass and woods fires across the State were aided by dry weather and strong southwesterly winds. An employee of U. S. Engineers was injured when struck by a helicopter propeller blade during the fire-fighting.								
Nashville Davidson County	25	Late PM			1?				Low temperature drop
	A 57-year-old woman died of exposure when temperature dropped to 5 degrees. She was found by her husband in their yard the next morning. Acute alcoholism was listed as a contributing factor.								
TEXAS									
Nueces, San Patricia, and Aransas Counties	6	5:00 a-8:00 a			0	2	5	?	Windstorms
	Violent thunderstorms triggered by a fast moving cold front caused wind gusts up to 80 miles per hour in the Corpus Christi-Aransas Bay area and resulted in property damage estimated at \$500,000. In Corpus Christi, storm rainfall up to 2.51 inches caved in the roof of Braslan Furniture Company at 1001 Leopard Street causing \$250,000 damage. The wind reached 52 miles per hour in gusts at International Airport, and 51 miles per hour at the U. S. Naval Air Station. The roof of an annex to the Naval Air Station Commissary store was blown off in the windstorm. The wind-driven rains brought some minor damage to Miller High School. The official Weather Bureau observer at Aransas Pass measured wind gusts of 80 miles per hour at 5:15 a.m. before the privately owned anemometer blew away. Winds of 70 miles per hour ripped 150 feet of roofing off a lumber yard at Rockport and sent it smashing onto two houses near by. Two men were injured when 55 mile per hour winds knocked down an offshore oil drilling rig in Corpus Christi Bay. Scores of boats were damaged or sunk in the bay area. Numerous billboards, trees, utility lines, fences, radio and television antennae, and traffic signs were toppled by the gusty winds.								
Belding Pecos Co.	9	2:00 p-2:07 p	*\$100	12	0	0	2	0	Tornado
	A small tornado dipped down briefly at Belding and ripped the roof off a sheet metal farm building on the C and C Farms. There were no personal injuries and no other property damage. Damage to the building was estimated at \$500.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
TEXAS (Cont'd.) Laredo Webb Co.	6	7:18a	10	?	0	0	4	?	Windstorm
			Thunderstorm winds blew down four concrete block walls of a gymnasium under construction at Holding Institute in Laredo. The \$100,000 gymnasium was about 75 per cent complete when the winds struck. Damage was estimated at \$20,000.						
Woodville Tyler Co.	20	3:15 a- 4:30 a	**700	100	0	0	5	?	Tornado
			A tornado cut a swath about four blocks long and one block wide in the northern part of Woodville, then damaged a second section about three blocks long and one block wide. Kirby School in downtown Woodville, and the Woodville Lumber Company located outside the city were hardest hit. Six buildings on the Kirby School campus sustained damage estimated at \$150,000. The school gymnasium suffered the most damage. The projection room, power facilities and ticket booth at Dogwood Amphitheatre directly behind the Kirby School campus was destroyed. Damage at the Woodville Lumber Company was estimated at \$200,000. Witnesses described the roar of the tornado as being like that of a jet airplane. Total property damage was estimated at \$500,000. At least 10 homes suffered minor damage.						
UTAH			None reported						
VERMONT State	16				0	0	4	0	Wind, glaze
			Wind and glaze, with heaviest wind damage in southern portion and worst glazing in north. Many accidents attributed to icy roads. Wind broke plate glass, antennae, and signs, and toppled trees and limbs to cause utility failures.						
State	23				0	0	4	0	Snow
			Snow totalled mostly 10 to 14 inches in south and extreme east but tapered down to 3 to 6 inches in northwest. Many schools and business activities closed. Highway snow plowing severely taxed, with highway delays and hazards common. Snow accumulation on trees and shrubs caused much damage, with some falling on utility lines.						
U. S. VIRGIN IS.			None reported						
VIRGINIA Southern Piedmont and Tidewater areas	17-18				0	0	6	6	Glaze
			Freezing rain mixed with sleet caused the worst glazing in years over an area from Amelia to Halifax Counties eastward to Gloucester and Southampton Counties. Trees coated with heavy ice broke and fell on telephone and power lines, roadways, houses, and motor vehicles. Many rural areas were without heat, lights, water, and power for electric milking machines and other appliances for 30 hours, some much longer. Yellow pines, a large agricultural crop of the area, suffered extensive damage and fruit trees, ornamentals, and shade trees were broken and thousands ruined. Utility damage was described as worse than that of Hurricane Hazel. Brunswick and surrounding counties were the hardest hit.						
WASHINGTON Eastern slope Cascades	5				0	0	4	0	Wind
			Strong winds along eastern slope of Cascades resulted in damage to roofs and other property in some localities.						
Entire State	17				0	0	5	0	Wind
			Strong winds over most of State. Power and telephone outages occurred in numerous localities. In Puget Sound, a barge carrying freight cars broke loose from its tow and ran aground.						
WEST VIRGINIA Berkeley County	2	3 p.m.			0	0	3	0	Thunderstorm winds
			Gusts above 50 miles per hour caused widespread damage, mainly in the western part of the county. A store roof was torn off at Nollville and various types of other damage occurred to trees, roofs and TV antennae.						
Statewide	16	Midnight to 3 a.m.			0	0	5	0	Windstorm
			Minor damage occurred statewide with the worst in the Northern Panhandle. The asphalt and composition roofs of three units of the haw hilltop high school in Weirton were blown off and twenty windows were broken. Storefront windows were reported blown out in Wheeling, Huntington, Charleston, Morgantown and Martinsburg. Wind gusts above 70 miles per hour were recorded at both Wheeling and Elkins airports.						
WISCONSIN			None reported						
WYOMING			None reported						

* 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 \$5,000,000
 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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