

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

STORM DATA

FEBRUARY 1960

Volume 2 No. 2



ASHEVILLE: 1960

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960.

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
ALABAMA										
Birmingham, Jefferson County	4	5:00a - 7:00a			0	0	5	0	Wind	
Strong gusty winds for several hours with the strongest 5:00a to 7:00a. Peak gust at airport 69 miles per hour about 6:00a. Greatest damage to tent and boats at fair grounds boat show. Numerous trees, signs and awnings down, many windows broken.										
Anniston, Calhoun County	4	Early Morning			1	1	4	0	Winds	
Strong gusty winds for several hours felled several trees, broke plate glass windows and destroyed 1 small building. One person killed when wind caused railroad car to roll down track. One person injured when tree fell on automobile.										
Lauderdale, Limestone, Madison, Jackson, Colbert, Lawrence, Franklin, Morgan, Marshall, DeKalb, Marion, Winston, Cullman, Lamar, Walker, Fayette	12-13				1	25	5	0	Snowstorm	
From 4 to 16 inches of snow fell closing most highways and causing a few failures of public utilities. More than a hundred persons were stranded in stalled automobiles. All persons injured or killed and most property damage due to automobile accidents on hazardous roads. Heaviest snow in Lamar, Marion, Winston, Franklin, Lawrence, Morgan and Limestone Counties.										
Dothan, Houston County	18	4:30a			0	0	4	0	Wind, possible tornado, rain	
High winds lasted for several minutes causing scattered damage over an area of several square blocks. Metal roofing stripped from 1 house, minor damage to roofs and windows of about 20 other houses, several trees uprooted and utility poles and wires damaged.										
ALASKA										
Cold Bay	7-8	7:50 p.-8:00 a.							Glaze	
Iliamna	8	6:40-8:40 a.							Glaze	
Summit	9	7:12-11:27 a.							Glaze	
	10	2:56-3:32 a.							Glaze	
Juneau	10	12:35-1:05 p.							Glaze	
Kenai	21	12:20-5:20 p.							Glaze	
McGrath	22	12:51-1:50 a.							Glaze	
Gulkana	24	2:37-6:50 a.							Glaze	
McGrath	25	12:26-2:50 a.							Glaze	
		3:55-1:27 a.							Glaze	
	26-	1:30 p.-12:28 a.							Glaze	
Settle	27	1:10-3:30 p.							Glaze	
ARKANSAS										
Augusta, Woodruff County	4	7:00 p. to 7:15 p.	5	550			5		Wind, hail	
The storm moved from southwest to northeast. Damage was confined to barns and out-buildings. The hail was very light and no damage resulted.										
Bald Knob and Russell, White County	4	7:15 p.	6	75	2	4			Tornado, hail	
The tornado moved from southeast to northwest across Bald Knob, then moved to the northeast toward Russell. Principal damage was in Bald Knob. A total of 15 houses, one business building and a motel were damaged. There was also some damage to roofs and out-buildings in rural areas. One eye-witness described the approaching storm as having the appearance of a "ball of fire about the size of a washtub". There is no report of anyone having seen the funnel cloud. The hail preceded the tornado, but was very light and no damage resulted.										
Arkadelphia, Clark County	9	7:25 p.	2	250			3		Tornado	
Tornado moved northeastward across the west part of the city, destroying the air-conditioning tower on a church and a temporary construction office. There was scattered light damage along the path.										
Fitzhugh Community, Woodruff County	9	8:45 p.	4	100	10	4			Tornado	
Tornado moved northeastward. Eleven houses destroyed or damaged. Funnel cloud observed during lightning flashes. Very little rain and no hail accompanied the storm.										
ARKANSAS, Cont'd.										
Clinton, Van Buren County	9	Evening							Funnel cloud	
Funnel cloud observed by several persons.										
Miller County	9	Evening					4		Wind	
Wind storm accompanied by lowest barometric pressure at Weather Bureau Airport Station, Texarkana. (Station pressure - 28.62 inches; sea level - 28.99 inches.) Concrete block wall at National Guard Armory at Texarkana blown down damaging several automobiles extensively.										
State of Arkansas	9-10								Wind	
High gusty winds over most of the State during the afternoon of the 9th and much of the 10th. Highest winds generally occurred the evening of the 9th. There was scattered light damage to trees, signs, roofs, etc. No estimate of the monetary losses sustained is available.										
Craighead County	9	8:45 p. to 9:15 p.	10	880			4		Wind	
The storm moved northeastward across the County. Principal damage was at Jonesboro where a brick warehouse was destroyed and a motel damaged. There was scattered wind damage along the path of the storm. There was some water damage at the motel where shingles were blown off letting rain water into the buildings.										
Independence County	9	9:20 p.					4		Wind	
The storm moved northeastward across the County. Principal damage was at Batesville where a small private airplane and a drive-in theater screen were destroyed.										
CALIFORNIA										
Central California	1					3	1	5	0	Wind and rain
Wind toppled trees, damaging utility lines and buildings. Several sheet metal and plate glass roofs destroyed. A floating pier in the Sacramento area was broken loose. Mud slides closed highway and broke communication lines along highway U. S. 40. Two children were drowned in culverts carrying off flood waters. One lineman was killed in a fall from a pole while repairing lines damaged by the wind.										
Southwestern Los Angeles County	1					0	0	4	0	Heavy rain
Low-lying areas flooded; one market and one medical center damaged.										
Central and northern California	7-9					3	3	6	3	Rain and wind
Heavy rains resulted in flooding of Sol, Russian, and other coastal streams, and high waters on Sacramento and some of its tributaries. Wind damage to utility lines, trees, and buildings. Many highways closed; some schools closed for a day or longer. See flood report for further details.										
Imperial Valley	8					0	2	4	0	Wind
Wind broke windows, blew down trees, disrupted utilities, and damaged planes and cars. Two persons were injured by falling trees.										
San Joaquin Valley	8					0	0	3	0	Wind
Wind damaged utility lines and farm buildings.										
Orange County	10					0	0	3	0	Wind
Damage to buildings, trees, and utility lines.										
COLORADO										
Eastern Plains	20-29							3		Snow and Cold
Moderate to heavy snow over most of the plains from the 20th to the end of the month was accompanied by severe cold after the 22nd. Frequent high winds and blizzard conditions closed country roads which were difficult or impossible to keep open because of accumulated high drifts from earlier storms. Schools were closed in many areas several times during the month. There were some losses of livestock and numerous accidents on snow packed roads. The weather was unusual in the amount of snow accumulation and the duration of near record cold which extended into the first few days of March. Ten to twenty below readings were common in all areas, and many record lows for the season were reported.										
CONNECTICUT										
Bridgeport and Stratford in Fairfield County; Milford, New Haven, West Haven, Branford, Guilford and Madison in New Haven County; Clinton and Old Saybrook in Middlesex County	14	Noon to 3:00 p.					5	5		Wind and Tide, and Snow

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
CONNECTICUT (Cont'd.)									
		Storm began on evening of 18th with snow accumulations of 1 to 2 inches before changing to sleet and finally rain. A deep low moving north-northeastward entered the coast just to the west of Bridgeport. As a result the easterly winds shifted to southerly shortly after noon and increased to gale force. Fifty miles per hour winds combined with peak tides caused a storm surge which smashed summer cottages, cracked walls and pavements, and flooded low-lying beach sections from Fairfield to Old Saybrook. Most of the damage was confined to the area from Stratford where 5 summer cottages were destroyed to Milford where water damage caused 50 families to be displaced. A fifty foot barge was torn from its moorings in Fairfield and was later destroyed off Bridgeport. Shore towns east of this area sustained much less damage but there was plenty of evidence of the surge as far east as Old Saybrook. Five lives were lost in traffic accidents during the storm. The rapidly moving storm shifted the winds into northwesterly quadrants within 3 hours. This greatly helped to keep damage down. Wind damage 10%, rest due to tide.							
Statewide	18-19	6:00 p.m. - 18th - 6:00 a.m. - 19th			Several		5		Snow and Wind
Norwalk, Bridgeport, Stratford in Fairfield County; Milford in New Haven County	19	3:00 a.					5		Tide
		Statewide east-southeasterly winds began increasing after 6:00 pm on February 18th as a storm centered at that hour over Wilmington, Delaware moved rapidly northeastward. The low center reached Providence by 7:00 am on the 19th and was off the coast ENE of Boston 8 hours later. One to two inches of precipitation resulted. It fell as rain along the coast, a combination of rain and snow 10 miles inland, and snow north of this line. Norfolk received 1 1/2 inches during the storm. Many minor skiing accidents were reported in Redding and Danbury. Sustained statewide winds of 40-60 mph caused many comparatively minor power failures in such widely dispersed areas as Danbury, Newton, Bethel, Brookfield, Brewster, Mount Carmel, Darien, Williamsville, Orton, Westbrook, West Haven and New Canaan. But comparatively major damage occurred as the low center moved just south of the Bridgeport area between midnight and 2:00 am on the morning of the 19th. The Housatonic River, Poquonock River, Johnson's Creek, and others flooded near 8:30 am even though the wind had subsided about an hour earlier. Milford was hardest hit and 150 persons were evacuated to escape high waves. But Fairfield, Bridgeport and Stratford also experienced 75 mph winds, and for the second time within a week unfavorable winds combined with a high tide to inundate the coast particularly from Norwalk to Milford where tides were generally 1 foot above normal. Norwalk reported its highest water level since 1938 and tides in the area were only 2-3 feet below those accompanying Hurricane Carol in August of 1955. The rapid motion of the storm turned winds into the northwest just before high tide and as result flooding was reduced. Estimate damage due to wind 10% and due to water 90%.							
FLORIDA									
Avon Park Highlands Co.	4	6:30 PM EST	-	-	0	0	3	0	Wind
Miami, 8 E Dade Co.	5	9:45 AM EST	-	-	0	0	-	-	Waterpout
West Palm Beach Palm Beach Co.	5	1:18 PM EST	-	-	0	0	-	-	Waterpout
Frostproof Polk Co.	13	Afternoon	Short	25	0	0	0	3	Tornado
		Path southwest to northeast through citrus grove uprooted 68 mature citrus trees.							
Panama City	18	3:42 AM CST	Unk.	400	0	1	5	0	Tornado
		Tornado lifting and lowering along path from west to east affected West Panama City Beach area causing major damages to 22 homes and minor damage to at least another 12 residences.							
Tampa Hillsborough Co.	18	10:00 AM EST	1/2	100	0	0	4	0	Tornado
		Tornado, according to witnesses, lifted and lowered along southwest to northeast path in vicinity of Tampa Industrial Park.							
Lake City Columbia Co.	25	5:20 AM EST	3/4	100	0	0	5	0	Tornado
		Tornado moved from southwest to northeast and affected a trailer factory and several residences on north edge of Lake City.							
Jacksonville Duval Co.	25	6:15 AM EST	Short	100	0	1	4	0	Tornado
		Storm dipped down briefly along southwest to northeast path and shifted several houses off their foundations in an area about 4 miles northeast of Ineson airport.							
Jacksonville Duval Co.	25	7:00 AM EST	Short narrow	0	0	4	0	0	Tornado
		Path southwest to northeast in southwest portion of the city of Jacksonville about 20 miles southwest of Ineson airport. Storm dipped to ground only very briefly.							
GEORGIA									
Northeast section	4	a.m.					5		Ice and wind
		Strong winds and freezing rain caused heavy damage to trees, power and telephone lines, roofs and TV antennas from Gainesville north-eastward. The heaviest damage was in the Gainesville area where an estimated 100 trees were down. Damage also reported in Cornelia, Helen, Elkinsville, Hiramsee, Young Harris, Clarksville, Clayton, Dahlonega and Cleveland. High winds caused mostly minor damage in widely scattered sections of the State on the same day. Places affected were Cartersville, Macon, Savannah and Waycross.							
Scattered areas	10	Afternoon					4		Wind, rain and hail
		Widely scattered sections of State hit by strong winds and heavy rains with hail reported in the Dalton area. Electric power disrupted for 3 hours and trays, roofs and plate glass windows also damaged in Dalton. Wind gusts reached 73 mph in Columbus causing roof damage. Variable damage also reported in Albany, Atlanta and Tifton.							
Southeast and Northwest	13						4		Wind and snow
		Strong winds caused damage in Savannah and Brunswick area while an 8 inch snow caused considerable damage to power and telephone lines and tied up traffic in extreme Northeast Georgia. A restaurant roof was torn off in Savannah by wind that was described as a "baby tornado." Some roof and tree damage in Brunswick by 58 mph winds.							
Scattered areas	18	Morning					4		Wind
		Damage caused by windstorms in widely scattered parts of State including Athens, Augusta, Waycross and Brunswick. A house trailer was overturned in Athens and plate glass windows broken by winds of 50 mph. Winds in Augusta partially destroyed a hotel roof and blew trees down on automobiles. Only minor damage reported in Waycross and Brunswick.							
ILLINOIS									
Troy-Greenville	9	8:35 p. - 9:15 p.	30	7	0	2	5	0	Tornado
		One or more tornadoes moved toward the east-northeast. Wrecked 8 house trailers and loosened roofs of other buildings at Troy. Two minor injuries in the only occupied trailer. Light to moderate damage to several homes and farmsteads in and near to Greenville. May have been more than one funnel active there.							
Valier-Dahlgren	9	9:25-55 p.	25	50-100	0	1	5	0	Tornado
		Tornado moved northeastward at 50-60 mph from near Coello to Dahlgren. Damage to a half dozen homes and farmsteads in the Valier area and at the Benton airport accounted for about half of the total. A similar damage pattern at Dahlgren where a minor injury occurred. Hooting sound reported.							
Greemp	9	10:25 p.	1	25	0	0	3	0	Tornado
		Tornado moving toward the north-northeast caused some damage to at least three homes on the south and east sides of town. This tornado may have been active earlier in the area southeast of Effingham.							
North Half	9-10								Snow, ice, wind
		Extremely deep low pressure area moved northeastward passing near Springfield about noon on the 10th. Snowfall of 6 to 12 inches with winds of 30-40 mph closed highways in the Northern Third for varying periods of time. Drifting was most serious in the Freeport-Rockford area. Travel in and out of Freeport was cut off for approximately 24 hours. A belt of moderate to heavy glazing extended from about Galesburg to north of Morris and eastward with considerable damage to utility wires north of Peoria. Wind-blown dust from areas to the southwest was mixed with the rain in the south and snow in the north.							
IOWA									
Southern two-thirds Iowa	9-10						4		Blizzard
		Heaviest snowfalls, 6 to 16 inches in a zone about 100 miles wide along axis from southwest corner State thru East central division. Strong northerly winds gusting to 45-55 miles per hour. Drifting snow six feet or higher, blocked highways, closed schools & businesses and stranded travelers. The worst storm of the winter, was termed the worst in several years in many Iowa localities. Numerous accidents, and six deaths were directly associated with the storm.							
KANSAS									
Central and South Central Counties	4-5	Most of Feb 4 and forenoon of 5th							Snow and glaze
		Rain which turned to freezing rain and snow gradually through the morning of Feb. 4th caused slippery roads and streets, and breakage of numerous power and telephone lines, from Dallas and Great Bend south eastward. Many tree limbs were broken. Most telephone and power service was restored by Friday. Greatest damage was in the Stafford, Rice and McPherson County area. Highways although not closed were slick and hazardous over a some what larger area.							

See reference notes at end of table.

See Indiana data page 16.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
KANSAS (Cont'd.)									
All of Kansas except SE portion	14-15					8			Snow
Snow beginning early in the extreme southwest on the 14th left 5 to 8 inches of cover over much of the western third. Totals gradually decreased across the central third and eastern portions to only an inch or two. Roads in all parts were made slippery and hazardous with numerous traffic tie ups and accidents, especially in the Wichita-Dodge City area.									
Western and north-central Kansas	19-21					5			Snow
A heavy snow of 3 to 10 inches fell over most of Kansas except a few south central counties and in the southeast. Heaviest snow was in the north central area near Smith County. In this heavy snow area numerous side roads were blocked and some schools were closed. Driving was made difficult by low visibility part of the time. Numerous accidents were reported. In the Leavenworth-Kansas City area heavy snow freezing on power lines caused breakage of wires and interruptions in service late on the 20th and morning of the 21st. Some drifting continued through the 21st.									
All the state	22-24				2	5			Snow and freezing drizzle. Cold.
Heavy snows of 3 to 10 inches fell over all of Kansas beginning in the west early on the 22nd and ending in the afternoon of the 23rd in the east. Blowing snow part of the time caused considerable drifting. Freezing drizzle in the southeast resulted in light glazing. Numerous roads and highways were closed and many schools had no sessions on the 23rd. Also public meetings were postponed or cancelled. Slick highways become hazardous and caused many accidents mostly of a fender bender type. The intense cold of zero to -10° over the central and west on the morning of the 24th with slight rise that day made conditions quite severe. Low visibilities caused two bad accidents, one east of Topeka where a train hit a station wagon, and the other near McPherson where a truck and car collided. One man was killed in each of these accidents. Five others received injuries from falls on icy places and no doubt many more were not reported. A previously reported splice in a power line at Hutchinson contracted because of the cold (6°) caused a power failure.									
Southern and eastern parts.	28	afternoon and evening				2			Light snow
Light snow falling on ice covered pavements made driving conditions very bad. Roads were generally open but very slick. Light but steady snow over the area had totalled an inch generally by late evening. In Topeka more than 50 automobile accidents were reported. Numerous accidents occurred in the Hutchinson-Great Bend area. Turnpike travellers had trouble keeping on the paving.									
KENTUCKY									
Harlan County	10	PM					4		Wind
A severe windstorm struck the Harlan County Airport and damaged two planes and three hangars. The hangars and planes were banged about for 15 minutes.									
McLean and Daviess Counties	10	AM					4		Wind
The strong winds blew down many barn roofs, damaged roofs of homes, blew down television antennas and interrupted utility services.									
Jackson County	18								Snow
Heavy snow, during the day, totalling 16 inches added to what was on the ground from a previous snowstorm made a total of 22 inches on the ground. Mail deliveries both receiving and outgoing had to stop. Grocery supplies became low, schools were closed. All county roads and unpaved state roads were impassable.									
LOUISIANA									
Lafourche Parish Thibodaux	3	4:15 pm	4	100	0	8	5	0	Tornado
Struck about 2 mi. south of town and moved NE to eastern edge of town. Funnel clearly seen and resembled elephant trunk. Nine homes and oil rig destroyed.									
Vernon, Rapides, Avoyelles, Winn, and Grant Parishes	4	all day					4		Snowstorm
Snowfall of 12 inches in Vernon and Winn, 10 inches in Rapides and Grant, and 9 inches in Avoyelles exceeded any previous snow since records began in 1891. Damaged awnings, etc. from weight of snow.									
Calcasieu Parish 6 mi. NW Lake Charles (Hosobley)	17	6 pm	1	100	0	0	4	0	Tornado
Passed over mostly swampland; damage mostly to forests.									
Calcasieu Parish 12 NW Lake Charles	17	5:45 p							Funnel cloud
Lafayette-St. Martin Parish Breaux Bridge	17	8:30 pm	9	100-300	0	0	5	0	Tornado
Began in eastern Lafayette and lifted on western edge of Breaux Bridge. Damage mostly to about 50 negro homes in an area 300 ft. wide by 600 ft. long.									
Cameron Parish	17	10 pm					4	0	Thunderstorm
Huge drilling barge torn loose by high winds caused considerable damage as it careened down the Calcasieu River.									
MARYLAND									
Entire state	13-14								Heavy Snow
Winter's first real snowstorm laid a blanket of 10 to 12 inches of snow in Garrett County, 5 to 8 inches in Northern Central Maryland, and 1 to 4 inches on the Delmar Peninsula. Streets and highways became dangerously slick and traffic was snarled causing transportation delays. The State Roads Commission had nearly 1,400 men spreading salt and sand on highways. The City of Baltimore snow emergency plan was put into effect at 9:00PM on the 13th after a 6-inch snowfall blanketed the city. A state of emergency was declared in Washington, D. C. at 5:00PM on the 13th when two snow regulations were invoked. In Washington at least 2,000 men and 250 pieces of equipment including snowblows and sanding trucks were used on the District streets and highways.									
Entire state	18-19						5		Strong Winds and Heavy Snow
An intense storm with strong winds accompanied by heavy snow in western portions of Maryland and heavy rains in eastern portions of Maryland and Delaware caused considerable damage over the two-state area. Many sections of western Maryland were crippled as heavy snow and ice clogged the highways, broke power lines, and disrupted communications. From 20 to 25 inches of snow fell in Garrett County and as much as 20 inches was reported in Allegany County at Frostburg and Vale Summit. Many motorists were stranded. Over 100 breaks were reported in the telephone lines between Cumberland and Blaine, West Virginia. In Washington County from 10 to 15 inches of snow accompanied by strong winds left over 3,000 county homes without electric power, and 400 to 500 homes without telephone service. The weight of the wet snow together with the winds downed poles, trees and overhead wires.									
Gale force winds elsewhere over Maryland and Delaware caused scattered telephone and power interruptions and downed trees, television antennas and signs. Heavy rains caused some local flooding. Strong winds caused high tides in some Eastern Shore localities and flooding of low-lying districts along the Wicomico River and some other places.									
In Frederick County only about two to three inches of snow fell; however, schools were closed.									
MAINE									
Swans Island (Hancock Co.)	6	Late p.			0	0	4	0	Surf
Heavy seas driven by gale winds snapped piling beneath a marine supply store, toppling building into the water. Damage to structure and supplies estimated at \$10,000. Number of lobster traps also lost.									
Central and East coastal areas	14				0	0	4	0	Rain and cellar floodings
Heavy rain or snow turning to rain (over 2 inches in 12 hours) and high tides flooded numerous cellars. Firemen in some communities answered calls to pump out water. No damage otherwise to shore line properties.									
Entire State	19-20				1	0	6	0	Snow, wind
Ten to more than 25 inches of snow over most of area for heaviest snow storm of season to date. Larger amounts were over central and southern sections away from immediate coast. Extreme northern sections escaped with less than 10 inches. Winds were strongest along coast where gusts to 80 m.p.h. reported. Storm snapped utility wires and felled poles and trees. Along the coast homes were without heat; transportation was crippled; school sessions were cancelled and business and manufacturing plants had to close. A 36-foot lobster boat smashed against a landing and sank. Captain of a fishing boat was injured when thrown by pitch of vessel. Town of Hiram (Oxford Co.) reported a 28.5 inch snowfall to bring total depth there to 54 inches. Two dams in northern Maine's Meddybemps Lake burst, inundating Route 191, border road between Maine and New Brunswick. A torrent washed out three bridges. A fishing dragger went aground on Egg Island off Portland.									
Southwest coastal area	26				0	0	4	0	Wind, Surf
Waves driven by northeast gales battered area, flooded streets and some cellars and felled some trees. Several homes damaged by surf. At least one home damaged by falling tree. Hardest hit area from Kennebunk Beach to Camp Ellis. In latter area, driftwood was washed into streets along ocean front. Precipitation attending the storm in form of snow turning to rain aggravated the hazardous travel conditions.									
MASSACHUSETTS									
Coastal	6-7				0	0			Wind, heavy seas
High winds and heavy seas kept fishing fleets in harbor while other fishing vessels at sea sought shelter in Cape Cod harbors.									
Coastal	14								Wind, surf
Some roads partly smash as winds tossed 8 and 10-foot waves against the breakwaters and sea walls. Tides of 2 and 3 feet above normal high recorded but little or no flood damage reported.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MASSACHUSETTS (Cont'd.)									
Entire State	19-20				0	0	6	0	Wind, snow, rain, surf
Winds of gale force, that reached hurricane velocity at some coastal areas, swept the state, attended by heavy rain along the coast and in the southeast, snow turning to rain in central and south, and by snow (8 to 18 inches) in north-central sections and the Berkshires. Storm disrupted power and communications throughout the state for periods up to 12 hours or longer. In areas of heavy snow transportation was crippled and schools were closed. Major wind damage was reported at coastal areas. At Boston's Logan Airport, gale winds ripped off a section of the roof of the new air freight terminal building exposing contents to the elements. Many thousands of dollars worth of air cargo was badly damaged. Plate glass windows were blown in and roads were strewn with fallen branches. A heavy ball of T.V. antennae was taken. Heavy surf pounded over breakwaters and sea walls, washing over roads and flooding cellars. Some local floods resulted from clogged sewers. Elsewhere in central and southern parts of the state, ankle-deep slush covered roads and walks, when heavy snow changed to heavy rain. Freighter blown aground at Provincetown.									
Cape Cod and Southeast section	26				0	0	4	0	Wind, surf, rain
Wind-whipped waves flooded low areas, including some coastal roads, fording at least one evacuation from home. A bridge in New Bedford was closed to traffic for 1 1/2 hours when high tides washed over the span. Two fishing boats collided when one dragged anchor at Provincetown during the storm. Wind felled some trees. Two parked cars in Fall River were crushed by a giant elm tree. Some isolated power failures reported; also damage to signs and T.V. antennae.									
MISSISSIPPI									
Rankin Co. Pelahatchie to 15 NW Morton	4	3:52 pm	10	50	0	0	3	0	Tornado
This was observed by radar and AMG pilot; made intermittent contact with ground; over mostly wooded area, moving NNE.									
Rankin Co.	4	3:50 pm							Funnel cloud
Occurred at same time as above but weaker and did not touch ground.									
Wayne Co. 15 NW Waynesboro	4	6 pm	unk	unk	0	0	3	0	Tornado
Occurred in Strengthford community; damaged 3 houses severely.									
Leake Co. Carthage	4	4:30 pm					4	0	Hailstorm
Hail fell for 20 minutes up to marble size; ground well covered.									
Central portion state	12-13						4	0	Snowstorm
Record snowfall Sharkey, Issaquena, Clay, Oktibeha, and Jasper Counties; with 6-12 inches in a band 75-100 miles both sides of a line extending from Vicksburg to Aberdeen. Damage due mostly to snowload on awnings and small structures.									
MISSOURI									
Jasper County	9	After-noon			0	1	4		Wind storm
Winds with gusts to 60 mph in county. One elderly woman injured when knocked down by a gust of wind. Several power lines down. Buildings on several farms damaged.									
Southeast Missouri	10	Evening			0	0	4		Wind storm
Several buildings damaged and power lines blown down, plate glass windows broken in Cape Girardeau, Fancisot, New Madrid, Scott, Mississippi Counties.									
Moody, Howell County	10	6:00 p.-7:00 p.			0	0	4		Wind storm
Buildings on three farms damaged.									
Farmington (10 SW), St. Francois County	10	8:10 p.-8:30 p.	8	100	0	0	4		Tornado
Path of storm damage began 10 SW of Farmington and ended 1 mile south. One observer reported loud roaring noise, loud thunder and hail. Buildings on several farms and a motel and cafe were damaged.									
KANSAS									
North-central portion of State	2-3	Night and morning	Area about 10,000 sq. mi.		0	0	4	0	Glass
Widespread but generally light damage to telephone and electric wires.									
NEVADA									
Carson Valley and Tahoe Lake Area	8	Day				2	5		Wind
Strong winds blew over numerous trees and downed telephone and power lines. Several automobiles, home and advertising signs were damaged or destroyed by the storm. Two persons were injured in separate accidents when their autos were hit by falling trees.									
NEVADA (Cont'd.)									
Las Vegas area, Clark County	9	Early Morning			0	0	5		Wind
Strong winds caused extensive damage to communication and power installations, buildings, signs and other property.									
NEW HAMPSHIRE									
Lancaster	14						3	0	Wind
Wind felled large elm tree onto home which was badly damaged.									
Entire State except extreme Southeast	19-20				0	0	5	0	Snow, wind
Storm dumped from 8 to 20 inches of heavy, wet snow. Attended by winds of whole gale force, it disrupted electric power and communications, caused schools to close and made driving conditions extremely hazardous. A number of highways were closed to traffic as stranded cars blocked plows. Snow clung to wires causing many to sag to the ground and break. Winds of gale force snapped trees and branches. On the favorable side, the heavy snow was a bonanza to the skiing industry.									
Entire State	25-26				0	0			Snow, wind, rain
Heavy surf pounded coastline. Snow turned to rain in south and heavily laden branches snapped, bringing down power and phone lines. In central and northern sections, 6 to 12 inches of heavy, wet snow slowed travel and transportation.									
NEW JERSEY									
Statewide	13-14				7	about 50	4		Glass, sleet, snow
Seven fatalities in highway accidents on icy roads. Considerable damage to utility lines.									
Statewide	19				2		5		High winds, snow
Two fatalities in plane crash during snowstorm. Trees and power lines downed by high winds. Blowing snow hampered highway traffic. Railways delayed by electric power failures. Several communities without electric power for several hours.									
NEW MEXICO									
Entire State	9						5		High winds
A fast moving front associated with an unusually deep low pressure system swept across the State. Winds of 50 mph or higher were reported in most areas with gusts up to 80 mph in southern and eastern areas. Property damage reported in many communities consisted of buildings unroofed, plate glass windows broken, parked aircraft damaged, trees toppled onto buildings and cars, small farm buildings demolished, and signs and antennae blown down. Power and telephone service was disrupted in many areas. Blowing dust made driving hazardous and caused number of highway accidents.									
NEW YORK									
Snow belt areas of Western, Central and Northern New York	6-7				1		4		Heavy snow with high winds
At least one death (heart attack) after a car accident in snowsqual near Richfield Springs. Heavy snows with depths to 9 inches (deepest in far southwest, western Mohawk and east of Lake Ontario) drifting snow and squalls with high winds. Numerous injuries due to traffic accidents, also many cars off highway (on Thruway) due to slippery conditions.									
Southeastern New York and Watertown area	11						4		Heavy rains, wind
Unusually warm weather, heavy rains and melting snow caused some scattered flooding in the Watertown area. Heavy rains, high winds and thunderstorms with hail caused wind and flooding damages in scattered areas of southeastern New York.									
Statewide	14-15				17		6		Heavy snow, wind
Heavy snowstorm most of 14th changing to blowing and drifting snow with squalls and flurries and near blizzard conditions late on the 14th into the 15th. Most severe weather throughout western, central and northeastern New York. Snow depths ranged up to around 2 feet north-south through central New York and far southwestern counties and 1 foot in areas of northeastern New York and less than 6 inches in southeastern New York. The consequences of the storm were severe throughout the heavy areas with mass traffic tie ups, closing of schools, interruptions of transportation and communications, collapse of buildings and loss in industrial operations.									
Statewide	18-19				20		6		Heavy snow, wind
Severe winter storm with high winds, heavy snows west and north, and destructive winds, heavy rain, and freezing rain changing to snow, and thunderstorms with hail southeastern New York. In the snow belt areas of western and central New York snow depths up to 2 feet with drifts of 15 to 20 feet resulted in widespread interruption of all types of traffic and communications, closing of schools, interruption of industrial plants and the general economy of the area. Sections of the Thruway closed with 300 cars and 90 tractor trailers and 6 buses immobilized in one mile of the Thruway. In the									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW YORK (Cont'd.)									
New York City area and adjacent southeastern counties									high winds (75 mph) and electrical storms resulted in widespread loss of power throughout the area with more than 200,000 homes without power. High tides on the coast also resulted in widespread damage. Heavy snow load in snowbelts resulted in the collapse of some buildings. There were numerous injuries attributed to the storm.
Snow belt area of Western and Central New York	25-28				11		5		Snowsqualls, high winds
									Strong to gale force west to northwest winds bearing heavy lake snowsqualls - scattered areas of new snow up to 1 foot, severe drifting with winds up to 72 mph. Numerous car accidents, disruption of traffic, some highways entirely blocked. Near blizzard conditions on 25th and 26th. Many schools closed. Many injured in car accidents.
NORTH CAROLINA									
Mountains, Piedmont and western Coastal Plain	13th & 14th				3		6		Snow, sleet and glaze. Wind
									Snow, sleet and freezing rain struck North Carolina early on the 13th and brought hazardous driving conditions to western and central portions of the state. Snow along with sleet and freezing rain which coated trees and transmission lines with ice and glaze brought power and telephone failure to most counties in the Mountains, Piedmont and western portions of the Coastal Plain. Many communities without light or heat for 12 to 24 hours. Telephone service disrupted with many telephones still out on 14th. Trees and shrubs heavily damaged. Wind added to damage causing heavily ice coated branches and trees to fall on transmission lines. Most businesses at standstill on 13th and schools closed on 15th. Many minor injuries and accidents caused by slippery walks and roads.
Wallace, Duplin County	18	1:30 p.	Short	Narrow			5		Tornado
									Tornado struck Wallace area causing considerable damage to large warehouse. Roof of warehouse dumped on power lines causing power failure in Rose Hill, Warsaw, Kenansville and Beilaville. Two homes destroyed.
Charlotte, Mecklenburg County and Concord, Cabarrus County	18	1:45 p.		Narrow			3		Tornado
									Tornado struck west of Charlotte damaging at least 15 automobiles and 2 trucks, power poles and construction shed. Storm continued on to dip down in rural area east of Concord 5 miles northeast of Charlotte. Several homes damaged and power temporarily disrupted in this area.
Rules Creek and Coats area, Harnett County	18	Mid-aftn	1 1/2	100			4		Tornado
									Trees and utility poles pulled from ground with damage to homes and outbuildings in Rules Creek area. Home badly tilted with tobacco barn and garage blown away in Coats section. Many outbuildings heavily damaged.
Denton, Davidson County	18	2:00 p.	Short	Narrow					Tornado
									Tornado took part of roof off Hosiery Mill and several outbuildings damaged. Many trees felled or uprooted.
OHIO									
Portsmouth and much of extreme southern Ohio	13-14	Noon - morning			None	Few			Heavy snowfall
									A heavy snowfall, unusual for southern Ohio began about Saturday noon, Feb. 13 and continued throughout the night. By late afternoon the depth in Portsmouth, for example, was 5 inches, and by Sunday morning it was variously measured from 11-13 inches with drifts upward to 5 feet. Snow removal equipment was promptly assigned but was unable to keep pace with accumulation, with the result that all traffic was halted until sometime Sunday when main arteries were opened. Many church services were suspended; and rural schools were closed for Monday and Tuesday, while few city schools were open on Monday.
									While this amount of snow is not unusual in parts of northern Ohio, this storm accounted for 50 or more percent of the normal annual snowfall in southern sections. The area covered by heavy snow extended only a short distance into the state, Columbus, for example, receiving only 3 inches.
OKLAHOMA									
Cimarron County	3-4				0	0	2	0	Snow, blizzard
									Heavy snow of up to a foot deep fell over the southern half of Cimarron County. Strong winds caused blizzard conditions resulting in drifts up to 5 feet deep. Many travelers were stranded for nearly two days and had to be rescued. Ice roads caused a number of minor auto accidents. Winds caused light damage to communication lines.
OKLAHOMA (Cont'd.)									
Midwest City, Oklahoma County	9	2:16 p.	3	?	0	0	4	0	Funnel aloft, wind
									Funnel aloft sighted over Midwest City moved southeastward, west and south of Tinker Air Force Base. Strong winds, that reached 116 miles per hour at Tinker, rolled a trailer house 3 or 4 times, broke a plate glass window and caused other light damage in Midwest City; damaged a hangar and warehouse roof at Tinker; and destroyed a shed east of Tinker.
Miami and Quapaw, Ottawa County	9	2:46 p.	15	200	0	0	2	0	Tornado
									Funnel first touched down near Miami where tree limbs were broken and dust and loose debris were lifted up. Funnel next touched down 3 miles east of Quapaw where two power line poles were blown down and resulting fire burned off a 10-acre field. Storm moved northeastward. Possibly the same storm caused damage near Joplin, Missouri.
Welch TWR, Craig County	9	3:46 p.	1	10	0	0	3	0	Tornado
									Barn was destroyed and fences damaged on a ranch. Storm moved northeastward.
State	9	Afternoon			0	3	6	?	Wind, dust
									Deep low pressure system that produced record low pressures moved across the State with winds 60 to 70 miles per hour. Blowing dust reduced visibilities to near zero in western sections in spite of moist surface soil conditions and was carried over all the State. Farmers indicated the possibility of light crop damage in sandy soils in western counties. Widespread variable property damage resulted to outbuildings, roofs, windows, TV antennae, utilities, etc. A man was injured when the wind blew him down on the sidewalk in Pacesett. Mother and son were injured when their house trailer was blown over in Muskogee. Two other house trailers were also blown over. Heavy damage was centered in the Muskogee, Wagoner, and southern Tulsa counties areas.
Greenfield, Blaine County	20	3:30 p.	Short	80	0	0	0	0	Tornado
									Tornado dipped down momentarily in open country near Greenfield and again in the eastern part of the county about 8 miles south of Omega. Storm moved east-northeastward.
Canadian and Oklahoma Counties	20	4:00 p.	35	?	0	0	0	0	Hail
									Small hail covered the ground from west to east across central Canadian County through El Reno into northwest Oklahoma City. Public reported a few stones up to the size of golf balls in northwest Oklahoma City. No apparent damage resulted.
Sulphur, Murray County	23	3:07 a.			0	0	4	0	Electrical
									Lightning was believed to have caused a fire which destroyed a feed mill.
OREGON									
Western, North Central, North-eastern Oregon	1	Most of day			0	0	5	2	Wind and Rain
									High winds accompanied by locally heavy rains felt entire length Oregon coast and west of Cascades and east of Cascades in northern half of State. Along coast, wind driven waves battered some jetties; winds ripped off roofs; some boats loosened from moorings; beach cottages knocked off foundations in few instances; water-front windows broken. Large number power, telephone outages in all areas of State where storm occurred. At least two large construction projects suffered considerable wind damage. At Mt. Hebo Air Force radar installation 115 mile per hour wind was observed.
Western Oregon scattered other areas of State	8-9	Most of both days			0	2	5	2	Wind and Rain
									Winds of hurricane force moved on to Oregon coast driving very high waves against waterfront installations. In some areas, particularly Halsecott and Port Orford damage very heavy, though almost entire coastline suffered some damage to jetties and problem of huge logs being tossed on roads and parking. Large apartment, several cottages badly damaged Halsecott, some damage to business establishments. At Port Orford new \$100,000 dock destroyed, more than 1,000,000 board feet of lumber loaded on it dumped into ocean. In Willamette Valley several streams had fairly high water levels due to heavy rains in mountain source regions. Flood damage insignificant. In Portland heavy rains touched off large slide in residential area. Number power and telephone outages, scattered roof and building damage throughout area of storm.
Northwest Oregon	17-18	2:00 PM - 6:00 AM	40-50	*20-30	0	2	4	1	Wind
									At St. Helens, roof trusses of building under construction collapsed due to high winds injuring 2 men. Scattered occurrences power and telephone outages.
Scattered Areas Northern Oregon	20-21	Late PM - Early AM			0	0	4	1	Wind
									Locally high winds, in Oregon mostly along Columbia River and immediately adjacent areas. Had some shipping and trans-Columbia ferry at Astoria; interrupted power, telephone service for number of customers at scattered points. In Pendleton, blow a high brick wall off, approximately burned out building over on to other buildings causing extensive damage.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM		
					KILLED	INJURED	PROPERTY	CROPS			
PENNSYLVANIA											
Waynesburg	11	Night					5		Wind		
High winds blew down a television antenna onto electric wires that short-circuited touching off a fire that destroyed two homes.											
Eastern Counties	13				2	4	3		Snow		
Auto accidents attributed to snow took lives of two persons and injured 4 others.											
Statewide	18-19				4	15	4		Snow & wind		
Strong winds in the Allentown area downed trees, utility lines, billboards & signs as well as blowing in several store windows. Several people were injured by flying glass. The snow associated with the storm drifted in many places closing roads in western part of state including 160 miles of the Pennsylvania Turnpike. Auto accidents due to slippery roads accounted for the deaths and injuries as well as much of the property damage.											
Eastern Counties	25						5		Wind & lightning		
Winds reaching 50 to 60 mph in gusts felled trees, utility lines and signs as well as blowing in store windows. Near Doylestown lightning struck a barn which burned to the ground destroying contents including 40 pigs. Estimated damage was \$50,000.											
RHODE ISLAND											
Bristol, Bristol County; and Newport, Newport County	19	4:00 - 5:00 a.					4		Wind and Tide		
The same storm which inundated the area from Norwalk to Milford in Connecticut near 3:00 am on the 19th, rapidly moved across Rhode Island southwest of Providence by 7:00 am and was off the coast east-northeast of Boston by noon. The tide in Narragansett Bay was generally 1 1/2 feet above normal near 4:00 am but contrary to the condition near Bridgeport where wind and tide combined, near low tide prevailed in the Bay at this time. Nevertheless small floodings occurred at Newport and the sea-wall at the Bristol Boat Company was washed away. Minor wind damage also occurred.											
SOUTH CAROLINA											
Off-shore 25-75 E of Charleston, Charleston County	13	Before 0830E	-	-	0	0	0	0	Thunderstorm		
Violent thunderstorms with extreme turbulence.											
Central and Northern South Carolina	18	12 noon to about 3:00 p.	-	-	0	0	4	0	Windstorms with some light hail		
Damage associated with the frontal passage on this date included considerable minor events throughout Central South Carolina, being perhaps heavier from Columbia, Orangeburg northward. Losses included damage to roofs, television antennas, signs, plate glass in Columbia and Orangeburg, a few sheds and some undetermined loss to cars from trees and limbs. Perhaps the most substantial loss was in the Lake Murray area where loss to boats was very considerable.											
SOUTH DAKOTA											
Statewide, except southwest	2-3	PM of 2nd to PM of 3rd					3	4	Freezing rain, fog		
Effects of storm principally in eastern half of the state with damage locally severe at Watertown and Wessington Springs area. Ice coatings of up to three inches thick and having an estimated weight of nine pounds per foot of wire around telephone and some power lines over wide areas of eastern counties. An HEA tower 300 feet high collapsed at Wessington Springs and in some areas utility wires were completely down for stretches of two to three miles. Some 170 long distance telephone circuits knocked out in larger cities and 19 towns from Bonesteel on south to Watertown on north were completely without telephone service for two to three days after storm. Highways extending into northwest counties were very slippery and numerous vehicles collided or skidded off the road. Two injured in highway accidents and one person hurt in fall. Patches of fog reducing visibility to from 300 yards to one mile added to driving hazards. Extensive closing of schools in northeast due to bad highway conditions.											
TENNESSEE											
Millington (near), Shelby County	9	3:00 p.			0	1	0	0	Wind		
A strong gust of wind snapped a 35 foot utility pole which fell on a man fracturing his skull.											
Nacon County	10	5:00 a. (about)	?	?	0	0	0	0	Hail and wind		
Damage to roofs due to wind or hail. Heaviest hail reported in Long Fork Creek section where hail the size of marbles piled up into drifts more than a foot deep near buildings.											
TENNESSEE (Cont'd.)											
Eastern Two Thirds	13-14						2	?	?	0	Heavy snow
A low pressure area, developing in the Gulf of Mexico and moving northeastward, brought heavy snow to Middle and East Tennessee on February 13 with light amounts continuing to fall on February 14. Storm totals exceeded 5 inches over essentially all the area and exceeded 10 inches over the Cumberland Plateau, much of East Tennessee and in the Waynesboro area. Greatest amounts were 19 inches at Monterey, 18.8 inches at Knoxville and 17.1 inches at Monteagle. The heavy snow snarled traffic, disrupted power and phone service, caused closing of numerous industrial plants and businesses and virtually all schools of the area, disrupted plane and bus travel and resulted in numerous minor accidents due to falls. Two men died of exposure at Chattanooga. One camp building valued at \$5000 collapsed under the weight of snow on Chickamauga Lake near Chattanooga.											
Middle Tennessee and Cumberland Plateau	17						0	?	?	0	Heavy snow
The second heavy snow of the month fell on Middle Tennessee and the Cumberland Plateau as another low pressure area, developing over Louisiana, moved northeastward over the State. Storm totals exceeded 5 inches over the Cumberland Plateau, the northeast part of Middle Tennessee and the Waynesboro-Columbia area of Middle Tennessee. Ten or more inches of snow fell on much of the northern part of the Cumberland Plateau; 15 inches at Onida was the largest reported snowfall. As was the case with the previous weeks snowstorm, traffic was snarled, power and phone service disrupted, many industrial plants and businesses and nearly all schools were closed and there were many minor accidents from falls on slippery surfaces.											
TEXAS											
Colorado and Lavaca Counties	3	5 am					0	0	4		Wind
During passage of small line extensive but scattered damage to roofs of homes and a few business and local government buildings. Windows broken, trees, TV antennas downed. Accompanying heavy rain, some light hail, lightning and thunder.											
Panhandle, West and North Central Texas	9	all day	600	450	2	3	5				Wind
Record low pressure area covering most of the U.S. from the Rockies to the Appalachians spawned winds of 65 mph over Texas with gusts to 80 mph, raising dust as high as 15,500 feet, reducing visibility to near zero in Trans-Pecos area. Guadalupe Pass reported highest wind gust 102 mph. Considerable damage to buildings, trees, walls; several hundred acres of grass destroyed by fires started by wind. Child blown under bus, killed when driver unknowingly drove over bar.											
S of Katy, Harris Co.	17	2:55 pm	5	10	0	3	4				Tornado
Moved NE, remained aloft for a few miles dipping 2 or 3 times, then came to ground. Homes and outbuildings on 2 farms badly damaged; injuries minor. Accompanying strong winds, heavy rain for few minutes after tornado passed.											
Port Arthur, Jefferson Co.	17	about 5 pm					0	3			Wind
Wind blew in restaurant window, waitress out; house trailer overturned, 2 occupants injured. Peak gust of 78 mph at WB Airport. Other damage to windows and small outbuildings.											
UTAH											
Western portion	9	Early Morning					0	0	5		Wind
High winds over western Utah caused considerable damage to a school in Logan and brought an estimated \$11,000 to an airplane hanger and a mobile home in St. George.											
VERMONT											
Northwest portion	14						0	0			Snow, glaze, wind
Storm produced 6 to 12 inches of wind-whipped, badly drifted snow-fall. Driving conditions extremely hazardous. Glazing at areas near eastern shores of Lake Champlain aggravated travel conditions in those places.											
Entire State	19-20						0	0			Snow, wind
Seven to 15 inches over most of state, with lesser amounts at some areas near eastern shores of Lake Champlain. Gale winds whipped the snow into drifts, but road maintenance crews kept highways open. Most secondary roads were opened by noon of 20th. Driving conditions were hazardous.											
VIRGINIA											
State-wide	13	All day					6	16			Heavy snow
Heavy snow fell across the state, beginning during night in the southwest and moved eastward and northward during the day. Accumulations up to 16 inches in mountains of west and southwest and 3 to 5 inches east coastal sections. Traffic stopped or slowed many areas and schools closed many sections of Piedmont and westward in the state. Four died in traffic and two because of heart attacks while shoveling snow. At least 16 injured in one car-bus collision.											

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

FEBRUARY 1960.

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM		
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS			
VIRGINIA (Cont'd.)										WEST VIRGINIA											
Smithfield, Va. 20 miles north-west of Norfolk	18	6:30PM	1	50	0	0	4		Tornado	Most of State	12-14 and 18-20	--	--	--	0	0	4	0	Wind and heavy snow.		
Stafford County 1½ miles north of Fredericksburg	19	12:30AM	2	20	0	0			Small tornado	Heaviest snows in years in many localities as result of twin storms within less than a week. Up to 32 inches snow cover reported 20th Tucker County and 34 inches Randolph County. Maximum snow cover of 8 inches or more reported at almost all stations. Some highways temporarily blocked with drifting snow and driving made hazardous on many highways; many highway and street accidents and traffic stalls and tie-ups reported; many schools closed and many organization meetings postponed. Some wind and snow damage to trees and overhead wires in Hardy and Pendleton Counties resulted in disruption of telephone, electric light and power services.											
WESTERN WASHINGTON	2				0		5	0	Wind	WISCONSIN											
									The most damaging wind storm of this winter season in western Washington struck the coastal areas during the early morning hours and the Seattle area about 5 a.m. Wind velocities ranging from 35 to 45 miles per hour continued until mid-afternoon. Power lines, residences and other property were damaged by falling trees and several windows were broken by the wind. Several portions of a new floating bridge under construction across Hood Canal were damaged by wind and waves to the extent it was necessary to remove several sections for repair. High wind and waves damaged roads and other property along the Pacific beaches.	Southern Counties	9-10						5				Snowstorm
PUGET SOUND AREA	11	4-6 p.m.			0	0	4	0	Wind and rain	Heavy snow and gale winds south of line from Lancaster through Wisconsin Dells to Two Rivers. Storm intensity increased in southeast. Eighteen inches of snow fell in Milwaukee area. One of worst February storms in recent years. Roads blocked by drifting snow; stores, factories, and schools closed.											
									High wind, thunderstorms and heavy precipitation were reported from near Tacoma to Bellingham. A low roll-type cloud accompanied by heavy precipitation and high wind was reported near Tacoma and also on Mercer Island in Lake Washington. Power lines, residences and other property were damaged by falling trees.	INDIANA											
NORTHERN PUGET SOUND AREA	20				0	0	4	0	Wind	Indiana	25-26				0	0	4	0	Snow		
									High wind along the Strait of Juan de Fuca and in the northern Puget Sound area damaged power lines, boats and other property in several areas. A 30-foot pleasure boat was blown into a log boom and sank in the harbor at Everett.	Several inches of wind blown snow clogged roads and slowed or stopped highway travel. Many rural schools over the state relying on bus transportation were closed. The drifted snow was most troublesome in Newton, Benton and Warren Counties. Some main highways were temporarily closed in these counties and near Kentland, Peru, Logansport, and LaPorte. Some less travelled roads were closed several days from drifts many feet high. Auto accidents were numerous.											

- * Miles instead of yards.
 - ** Yards instead of miles.
 - † Includes crop damage.
 - ‡ Crop damage.
 - † 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.

States and territories not listed in these tables reported no storms or unusual weather phenomena during the month.

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.

SUBSCRIPTION PRICE: 15 cents per copy; yearly subscription \$1.50 domestic, \$2.00 foreign. Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to "Superintendent of Documents, Government Printing Office, Washington 25, D. C."