

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



STORM DATA

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

JANUARY

1972

Volume 14

No. 1

Asheville, N.C.

1972

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED ¹ DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
Madison, Marengo County	4	3:15 a.	1	100	0	0	5	0	Tornado and Rain	Tornado moved eastward across southern section of Madison demolishing a mobile home, unroofing 3 houses, 2 school buildings and damaging about 15 houses. Heavy rains added to the damage. 90% of damage due to tornado and 10% to rain.
Ridge Grove Community, Chambers County	10	10:30a.	4	50	0	0	4	0	Tornado	Funnel dipped down near Center Church and skipped along northeast for about 4 miles in rural area. Two houses, several barns and storage building destroyed and a church unroofed.
Macedonia Church Community, Coffee and Dale Counties	13	1:00a.	6	100	4	88	6	0	Tornado	Tornado touched down south of Highway 148, 3 miles east of Enterprise where a house was unroofed. Tornado then moved northeast on ground for 2 miles demolishing 68 mobile homes, with 4 fatalities and 88 injuries. Numerous trailers and automobiles were damaged and 15 automobiles totaled. Tornado lifted and touched down again briefly at Low Field where 15 helicopters and 2 buildings were damaged. Near Lake Tholoco tornado touched down again taking tops out of a few trees. Tornado traveled about 30 mph.
Henry and Barbour Counties	13	2:00a.	16	200	0	2	5	3	Tornado	Tornado touched down in Henry County 2 miles east of Clifton and cut south in trees and unroofed a house. Tornado then moved northeast in rural area destroying forests and damaging or destroying all buildings in path. Near Edwin one frame house was demolished and occupant injured, a second house was unroofed and one occupant injured. Funnel traveled on ground continuously until lifting in Barbour County. Speed about 30 mph. Three houses demolished, 3 houses unroofed, 6 others damaged and numerous barns and buildings demolished or damaged. All crop damage to timber.
Louisville, Barbour County	13	12:30p.			0	0	4	0	Wind	High winds damaged the roof of a gymnasium, damaged a small and several roofs and uprooted numerous trees. All damage in area about 1/2 mile wide and 2 miles long.
ALASKA										
Juneau	3-8	Continuous					4		Wind-heavy snow	Wind, snow and warm temperatures caused an avalanche which destroyed several towers carrying high voltage power lines. The wind and snow with a probable pressure differential also caused the collapse of the top of an oil storage tank.
Juneau	13-16						4		Heavy snow	Heavy snow and hazardous driving advisories were issued. Freezing rain during the period added to the problem. An unusually large number of accidents occurred.
Juneau	16-23	Continuous					5		Wind	A 500 foot radio tower, several microwave towers, roofs, windows and several vessels were damaged or destroyed. An avalanche triggered by the wind knocked out power to the cities water supply for 36 hours.
Sitka	8						5		Wind	Three small cruisers sank, the harbor/docks sustained damage, power lines were broken and several homes and commercial buildings were damaged.
ARIZONA										
None reported										
ARKANSAS										
None reported										
CALIFORNIA										
Central Coast counties	3				0	0	4	0	Windstorm	Strong northerly winds during daylight hours caused damage to buildings and trees. A church steeple was toppled in Daly City.
Eastern Los Angeles Basin, Kern County and Coachella Valley	4-5				0	0	4	6	Windstorm and freezing temperatures.	Gusty winds up to 80 m.p.h. in the Riverside and Fontana areas downed trees and power lines, and damaged buildings. Freezing temperatures which followed damaged citrus groves and truck crops.
Crescent City	23	about 7:30 a.			0	0	0	0	Hailstorm	Hail stones of 3/8 inch diameter, thunderstorm, and wind gusts to 58 knots at Crescent City Airport. No damage reported.
COLORADO										
Data not received by publication deadline.										
CONNECTICUT										
Statewide	25	p.m.			1	7	5	0	Wind	
CONNECTICUT (continued)										
Strong northwesterly winds with gusts to 70 mph snapped trees, felled power lines, sheared shingles off roofs and smashed plate glass. Danbury and Waterbury were especially hard hit, about 65,000 customers were without power. A 100-foot crane fell onto four cars in Bridgeport and a chimney toppled onto three cars in Hartford. Several shed like buildings were destroyed in scattered locations and the railroad in western Connecticut was closed down because of fallen trees on its right of way. A falling tree injured a woman in her car in West Hartford. In Hartford two women were injured when knocked down by the force of the wind and three men were injured by a shattered plate glass restaurant window. A 17 year-old girl was severely injured by a piece of scaffolding which fell from a school roof in Hartford and a woman was fatally injured when the wind knocked her down in Wethersfield.										
DELAWARE										
Northern portion	25	Morning-afternoon			0	0	3	0	Wind	Strong gusty winds downed trees and interrupted power service.
FLORIDA										
10 E Palm Beach	01	1:30p.								Waterspout
Venue St. Petersburg	02	abt 2:00p.	1/2	50	0	0	3	0		Waterspout-Tornado
A small waterspout moving in from the Gulf of Mexico ripped a screened enclosure and roof from a house and downed power lines.										
55 NW Gainesville	02	2:00p.								Funnel aloft
10 EME Ft. Lauderdale	02	3:42p.								Waterspout
5 SSE Key West NAS	05	12:58p.								Waterspout
5 SSE Key West	08	4:08p.								Funnel aloft
27 NE Pensacola NAS 16 NE Pensacola	12	9:45p.	1/2	50	0	1	4	0		Tornado
A tornado touched down in the Pace area near Milton overturning four trailers and causing extensive damage to one brick house and one block house. One person was slightly injured. Damage was estimated at \$20,000.										
7 SW Milton	13	7:10p.								Funnel aloft
Abt 5 W Taylor 35 W. Jacksonville	13	8:15p.								Funnel aloft
4 1/2 N Chipley Washington Co.	13	8:45p.								Funnel aloft
16 SW Tampa	14	3:10p.								Funnel aloft
Lk Placid	14	3:50p.								Funnel aloft
A funnel cloud was sighted by the Forestry Service a few miles south of Lake Placid moving NE at 25mph.										
15 NW Palm Beach	15	2:32p.								Funnel aloft
A large funnel cloud was sighted moving NE.										
Hollywood 8 SE Ft. Lauderdale	19	12:38p.								Funnel aloft
10 S Green Cove Spgs.	22	5:53p.	1/4	100	0	4	3	0		Tornado
A small but violent tornado demolished two mobile homes. A mother and 3 of her children were injured.										
16 SW Indiantown	24	5:45p.								Waterspouts (3)
Three waterspouts were reported on the NE side in Lake Okechobee.										
5 W Cocoa Patrick AFB	26	9:16a.								Funnel aloft
Venue Orlando	27	5:15p.								Funnel aloft (3)
Many sightings of three separate funnel clouds W and SW of Orlando. One of these were reported in the vicinity of Mimswood.										
GEORGIA										
Mount Vernon-Ailey, Montgomery County	5	4:30 a.	3	300	0	0	5	0		Tornado
Storm first touched down in Mount Vernon, moved through Brewton-Parker College and continued into nearby Ailey. Several business buildings in Mount Vernon were wrecked, 8 buildings on the Brewton-										

See reference notes for all pages at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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		
GEORGIA (continued)										
										Parlier campus were damaged and an Ailey residence was almost demolished. Seven sleeping occupants of the residence were unhurt. Numerous trees along the storm's path were uprooted or broken off above the ground and utility lines were downed throughout the area. Storm moved east-northeast.
North and West	9-11				0	0	5	4		Heavy rains
										Heavy rains over much of the State caused flooding of small streams and overflow of several major rivers. Roads, bridges, farm land and city streets were damaged in several areas, especially in the northern and western sections. A large number of places had 24-hour totals of more than 3 inches and storm totals exceeded 5 inches at many stations.
SE Atlanta and S DeKalb County	10	11:25 a.	6	200	1	9	5	0		Tornado
										Damage began about 3 miles east-northeast of the Atlanta Airport and extended along a 5 to 6 mile path to the east-northeast. Damage was not continuous and there was some evidence of more than one tornado. Several stores and small buildings were demolished and hundreds of homes, apartments, businesses and cars suffered minor to moderate damage. One large apartment complex had 11 apartment buildings with major damage and 21 with minor damage. Numerous trees were uprooted and power and communication lines were downed throughout the area.
Atlanta, near	10	12:45 p.								Funnel cloud
										Reported by public 7 miles north-northwest of the Atlanta Airport.
Rockmart	10	1:10 p.								Funnel cloud
										Reported by public near Rockmart, 19 miles south-southeast of Rome.
Gordon, near Wilkinson County	11	7:30 a.			0	0	4	0		Windstorm
										Roofs of several houses blown off or damaged and trees downed.
Parrott, Terrell County	11	8:00 a.	1/4	50	0	0	4	0		Tornado
										Storm touched down briefly near farm home 10 miles northwest of Dawson. Extreme turbulence was reported a few miles away, near Albany, about the same time.
Jenkins County	11	p.m.	2	100	0	0	4	0		Tornado
										Storm dipped down in the Oak Hill Community at mid-afternoon demolishing or heavily damaging several farm buildings. Parts of roofing were carried almost a mile and broken and twisted trees marked the path of the storm. Utility lines were down in the area.
Juniper, 15 miles ENE Columbus	13	Early a.m.	1	100	0	0	3	0		Tornado
										Storm cut a path through forested area near the Marion-Talbot County line. Time of occurrence reported as between 2 and 3 a.m. Moved east.
Clay-Quitman Counties	13	3:00 a.	1-1/2	300	0	0	4	0		Tornado
										Roof was ripped from a rural church, 3 mobile homes were damaged, 2 barns were demolished and trees were uprooted. Area hit was in extreme west Georgia near Clay-Quitman County line. Moved east-northeast.
Sumpter County, Concord community	13	4:40 a.	2	300	0	0	4	0		Tornado
										One mobile home was rolled 75 feet and demolished. Three other mobile homes were damaged, trees were twisted off and uprooted and a barn was destroyed. Storm moved east.
Henderson, Houston County	13	5:00 a.	1	200	0	0	4	0		Tornado
										A mobile home was picked up and moved about 5 feet before slamming into a tree. Sleeping occupants were unhurt. A large number of pecan trees were uprooted and many pine trees were snapped off. Damage was also reported near Unadilla, about 5 miles to the south in Dooly County.
Pelham, Mitchell County	13	5:00 a.	1	150	0	2	4	0		Tornado
										Two residences were completely demolished and several others damaged about 4 miles southwest of Pelham. A mother and 2 children in one house were carried about 200 yards and dropped unhurt. Two of 6 occupants of the other residence suffered only minor injuries. Several tobacco barns and other farm buildings were destroyed and a large number of pecan trees were blown over. Storm moved east-northeast.
Bleckley County	13	6:00 a.	1/2	100	0	0	4	0		Tornado and hail
										Touched down at 2 different places destroying 3 large grain bins and uprooting numerous pecan trees. Heavy hail up to 1-1/2 inches in diameter accompanied the storm.
Faceville, Decatur County	13	7:45 a.	2	300	0	3	4	0		Tornado
										Two homes were demolished, farm buildings destroyed and trees uprooted as the storm moved through a rural area 11 miles southeast of Bainbridge near Lake Seminole and the Florida line. A large
GEORGIA (continued)										
										freeliner from one home was carried 100 yards. Storm moved northeast.
Gwinnett County	13	1:00 p.			0	0	3	0		Lightning
										More than 900 students and teachers were evacuated in a driving rainstorm after lightning struck an elementary school. Smoke poured from the building but damage was confined to the public-address system and wiring in the school's office.
Gainesville, 10 miles SW	13	2:05 p.								Funnel cloud
										Reported by public moving northeast. Did not touch down according to Gainesville CD office.
Dublin, near	13	2:45 p.	12	200	0	0	5	0		Tornado
										Storm touched down in at least 6 places along a 10 to 12 mile southwest to northeast path. First damage was along Interstate 16, west of Dublin. Tornado crossed U. S. Highway 80 a few miles west of town and U. S. Highway 441, 2 to 3 miles north of Dublin. Several homes and other buildings were destroyed or heavily damaged, scores of trees were downed and power and communication lines were extensively damaged.
Jefferson-Burke Counties	13	3:30-4:10 p.	30	400	0	21	6	0		Tornado
										This very destructive storm hit in several areas along at least a 30 mile west-southwest to east-northeast path from southern Jefferson County through Burke County, and then apparently moved on into South Carolina. Two farm homes, several barns and a large amount of farm equipment were destroyed east of Wadley in Jefferson County. Two people suffered minor injuries. The major Burke County damage occurred about 3 miles south of Waynesboro and a few miles east of the same place. Several homes, 2 mobile homes and the County Forestry Unit equipment shed were destroyed. At least 5 other homes and numerous other buildings were extensively damaged. A 15 acre pecan grove was flattened and many other trees were uprooted or broken off. Nineteen persons suffered injury with at least 4 requiring hospitalization. Power and telephone lines were down over a wide area.
Cusseta	13	4:10 p.								Funnel cloud
										Reported by pilot 20 miles southeast of Columbus WSO.
Butler, Taylor County	13	p.m.								Funnel cloud
										Reported by pilot.
Ocilla, Irwin County	13	4:30 p.	1/4	100	0	0	3	0		Tornado
										Touched down briefly 3 miles south of Ocilla, damaging a barn and several pieces of farm equipment.
Irwinton, near	13	6:00 p.								Funnel cloud
										Reported by public.
Sylvania, 5 miles S	13	6:45 p.	1/2	50	0	0	3	0		Tornado and hail
										Carport torn from house and cars blown off road. Hail 1/2 to 3/4 inch in diameter also reported.
HAWAII										
None reported										
IDAHO										
Eastern Idaho	2-3	p.m. and a.m.			0	0	4			Wind, snow
										A biting north wind 40 to 60 mph and swirling snow accompanied by subzero temperatures throughout south-central Idaho and northeastward closed roads and schools. Ten eastern counties of the northeast reported the worst situation since the 1948-49 winter. Snowdrifts of five feet or more, roof damage, trees down, commercial showroom windows broken, power interrupted and numerous vehicle accidents were reported.
Statewide	9-12				0	3	6			Wind, snow
										The worst statewide wind and snow storm in the memory of many long-time residents spread blizzard conditions over all of Idaho for three to four days beginning north on the 11th and continuing on the 14th in the southeast. Heaviest snow was concentrated in the period 9th-12th. Winds were estimated to reach 60 to 100 mph. A Friez aerovane recorder at the University of Idaho indicated a 90 mph wind a.m. on the 11th, and Lewiston WSO reported 72 mph at 4:25 p.m. on the same day. Speeds across southern Idaho ranged 50-70 mph. Greatest damage was reported on the 11th. However, damage was extensive north and east on 9th. Roads, schools and many activities were suspended. Damage was widespread to frame and some cinderblock structures, roofs, towers, signs, trees, utility poles and lines, and many mobile homes in transit and in parks were overturned and demolished or heavily damaged. Livestock were difficult to protect. Many sheep died in exposed areas. Insurance companies report the largest number of claims they have recorded in a similar period. Many motorists were stranded and 2,000 commuters had to remain at the National Reactor Test Station overnight on the 11th. A bus-truck collision west of Idaho Falls injured three. Many vehicle accidents were reported.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	
IDAHO (continued)									
North, Central and Eastern Idaho	23	a.m. - p.m.			0	2	4		Wind, snow
			Blizzard conditions continuing into the 24th brought recall of the gale winds with snow on 9th-12th. Winds ranged 45-68 mph disrupting traffic causing an 18-vehicle accident southeast, and three cars were demolished when heavy potato truck jackknifed in blinding wind-driven snow. In the Moscow area, 68 mph winds and icy roads accounted for a 6-car pile-up and caused school closings in area. Roads were clogged by snow drifts mostly east. Schools were closed northeast. Scattered damage to overhead utility services causing outages. Damage was reported to roofs, signs and trees.						
Clark County	26	a.m. - p.m.			0	0	3		Blizzard
			A blizzard reduced visibility to zero and piled up drifts to strand a school bus for most of the day between Dubois and Kilgore. One snowplow broke down in rescue attempt; a rotary plow from Kilgore finally reached the stranded victims.						
East of Mountain Home, Elmore County	27	6:30 a.m.			2	2	4		Icy roads, fog
			Heavy fog and icy roads were blamed for the head-on crash of a pickup with a semi-trailer truck and the pileup of four other vehicles.						
ILLINOIS									
Illinois, extreme SE	27		?	?	0	?	4	0	Ice
			Freezing rain of several hours duration caused ice accumulations of 1/4 to 1/2 inch on trees, wires, roads, etc. Most injuries and property losses resulted from slippery highways and tree limbs falling on wires.						
INDIANA									
Indiana, extreme SW	27		?	?	0	?	4	0	Ice
			Freezing rain of several hours duration caused ice accumulations of 1/4 to 1/2 inch on trees, wires, roads, etc. Most injuries and property losses resulted from slippery highways and tree limbs falling on wires.						
IOWA									
Statewide	24-25				2		5		Wind and snow storm
			Snow and blowing snow with strong winds gusting to 60-70 m.p.h. over northwest Iowa and to near 50 m.p.h. elsewhere brought travel to a standstill and resulted in many accidents. Schools were closed and hundreds of students were unable to return to their homes. Travelers were stranded. Two persons froze to death in the wind, snow and cold. The worst storm of the winter to date.						
KANSAS									
			None reported						
KENTUCKY									
State	4-5				?	?	?	0	Ice storm
			Rain followed by freezing rain, sleet and snow moved eastward across the State on the 4th and 5th. News reports stated that freezing rain was observed at noon of the 4th in McCracken County in the Jackson Purchase Region of western Kentucky and moved eastward to a north-south line Davies County to Christian County by 6 p.m.; Warren County, by 8 p.m.; Fayette and Madison Counties in the Bluegrass, by midnight (or just after) of the 4th; the Kentucky-Virginia line, by 8 a.m. of the 5th. Reports indicated accumulation of sleet (ice pellets) and snow not to exceed 1 inch in most areas. State Police reported highways to be slick and hazardous in most areas of the State. News reports indicated numerous "fender-bender" vehicle accidents in some areas, involving relatively few injuries but one fatality in Christian County. The total of injuries was not available. Schools were closed in at least 41 of the State's 120 counties. News reports indicated relatively little damage to utility lines, shrubs and trees.						
Calloway County	20	a.m.			0	0	4	0	Lightning
			A home was destroyed by fire about 10 a.m., apparently the result of a lightning strike.						
State	24	night			0	0	4	0	Wind
			High winds were responsible for damage, mostly minor, at scattered locations. There were news reports from several counties, including: Davies - minor damage; Monroe - trees down, and utility lines, roofs, and TV antennas damaged; Pulaski - a barn unroofed; Montgomery - a mobile home unroofed; Harlan - utility lines down.						
State	27				0	?	?	0	Ice storm
			Freezing rain coated surfaces (utility lines, trees, highways, etc) with ice over the greater part of Kentucky, lingering in portions of the State into January 31st. Ice-free portions, where the						

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	
KENTUCKY (continued)									
			temperature did not fall below the freezing mark, were in areas of south-central, southeast, and eastern Kentucky. News reports indicated that it remarkable that there were so relatively few accidents considering the hazardous nature of pedestrian and vehicular travel for so large an area. However, a tally of news accounts indicated at least several hundred vehicular accidents (mostly of the "fender-bender" type) associated with the icy conditions on highways. Walking was hazardous and there was a number of "broken bones" accidents. An accurate count of injuries of all types (pedestrian, vehicular, etc.) was not available, but a rough tally from news reports indicated more than 35 injuries. There was considerable hardship in several sections of the State due to power outages and to loss of heat to thousands of homes, in some cases lasting 3 days or longer. This came about as utility lines, both power and telephone, were downed over a large area as the ice-coated utility lines fell due to the weight of the ice, or were broken as portions of ice-coated trees fell upon them. News reports tabulated indicated in excess of 10,000 outages, and possibly several times that number. Reports indicated that among the hardest hit areas were portions of extreme western Kentucky, especially McCracken County and the northern portion of Graves County; 2,000 homes in the Paducah area were reported to be without power; the National Guard Armory and the Courthouse were opened to people without heat. Schools were closed in at least 27 counties. There was considerable damage to trees and shrubs by the ice. Conditions were critical at many large dairies and operators were unable to use electrical milking machines. Some newborn live-stock died because no heat could be given them.						
LOUISIANA									
Morehouse Parish	3	5:30p.	1 1/2	3/4	0	1	4	0	Wind
			Strong squall line winds overturned house trailer and six cotton trailers, blew truck from highway and lifted house from foundation in Oak Ridge area. Tree limbs blown from many trees. Winds preceded heavy rainfall.						
Jefferson Parish	10	10:40p.							Funnel cloud
			Pilot report 20 miles south-southeast of Meisant International Airport.						
MAINE									
			See data at end of table.						
MARYLAND									
Eastern portion	13	a.m.			0	0	0	0	Fog
			Heavy fog brought a halt to air and sea travel.						
State	16	a.m.			1	1	0	0	Freezing temperatures
			One woman was found frozen to death in a field near her home at Rosedale, Dorchester County. Another woman, whose automobile broke down near Upperco, Baltimore County, was found suffering from severe frostbite and exposure. She had spent the night in an abandoned house and was found later in the morning by police as she wandered along a nearby road. In Baltimore harbor "harbor smoke", a form of condensation as cold air moved over the warmer water, gave dock areas an eerie appearance.						
Northeastern portion	19	Early morning							Glaze
			Light rain followed by a drop in temperature had produced a thin sheaf of ice over highways and streets. Many automobile accidents were reported, including three deaths and several injured. The opening of schools was delayed for an hour.						
Northeastern portion	25	Morning-Afternoon			0	0	3	0	Wind
			Strong gusty winds downed trees and electric and telephone lines.						
MASSACHUSETTS									
			See data at end of table.						
MICHIGAN									
Monroe, Monroe County	21	a.m.			0	1	0	0	Snow - Ice
			Monroe woman slipped on ice and broke her hip. In 1970, at about the same spot in a similar accident, she broke both wrists.						
Statewide	24-25				0	3	5	0	Winds - Freezing Rain
			Windows, signs, trees and buildings damaged by winds up to 60 mph. Planes broke tie-down chains at several airports in Lower Peninsula. Power service was interrupted, trailers tipped over and hundreds of schools were closed. Buildings under construction at CMU in Mt. Pleasant, Jackson, and Caledonia sustained damage. Injuries were reported at Lapeer when Deputy Sheriff slipped on ice and broke his ankle while investigating wind damage; Crosswell woman picked up then dropped by the wind, she suffered a broken hip; Flint airport employee caught						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	
MICHIGAN (continued)									
									between baggage carts as winds tossed one against the other. Michigan Tech and Suomi Colleges at Houghton-Hancock closed for first time in 15 years.
MINNESOTA North Central and Northeast Districts	10	3:00 a. to 5:00 a.			0	0	0	0	Heavy snow
									Heavy snow of 4 to 5 inches on about a 40 mile wide strip along the Canadian border from Baudette east-southeast to Grand Portage. This was a result of a low pressure system moving across Minnesota on a Fargo-Duluth line.
Fargo-Duluth Line	12	Early morning-Late afternoon			0	0	3	0	Blizzard
									Blizzard conditions with winds of 35 to 40 mph and snowfall of 4 to 17 inches in an area 60 miles wide at Fargo then fanning out to 160 miles wide at Duluth. This was caused by a large and relatively fast moving low pressure system which moved east-northeast from South Dakota over Minneapolis-St. Paul. The heaviest snowfalls of 13 to 17 inches were on a 20 mile wide line from Sandy Lake Dam east through Duluth. Several small isolated areas in Mankato and west of La Crosse had heavy snows of 4 to 5 inches. Highest wind velocity at Duluth was a gust to 45 mph. Most schools were closed from Fargo to Duluth, roads were blocked and many minor auto accidents were common.
Entire State	24	9:00 a. to 9:00 p.			1	1	4	0	Blizzard
									Heavy snows began during early morning followed by strong winds with temperatures dropping from near 20°F to below zero caused blizzard conditions beginning in the forenoon in the west and northwest and spread across the State throughout the day. Severe blizzard conditions with temperatures below 10° above and winds greater than 45 mph were experienced for short periods across the State. Snowfalls of 4 to 6 inches were common across the State. The greatest amount was 8 to 10 inches on a narrow band from Park Rapids east through Duluth and Park Rapids northeast to Crane Lake. The least amounts were 2 to 3 inches in the western counties from Morris south. Winds were common from 40 to 50 mph across the State. The strongest wind gusts reported were 72 mph at Worthington and 70 mph at Mankato. The blizzard was a result of a rapid developing strong low pressure system in central Missouri which moved rapidly northeastward through the Chicago area. Travel in all rural areas virtually stopped and was greatly restricted in all cities and towns by late afternoon and evening. Minor vehicle accidents because of zero or near zero visibility were reported by almost all towns across the State. Almost all businesses sent their personnel home and closed early in the afternoon and all schools not closed sent their children home by noon. The majority of schools in the Redwood Falls-Mankato-Worthington area reported school buses stranded with children at farm homes and/or they became stuck and needed help. Winds destroyed the scaffolding on one side of a new building being erected at Windom. The city of New Ulm at 4:00 p.m. barricaded the main highways out of town and allowed no travel. At Springfield a man froze to death from exposure after his car stalled and he tried to walk to a farm home. Six people died from heart attacks from exertion during the storm. A young girl choked to death from the flu when difficulty arose in getting her to the hospital. A trucker was hospitalized from frost bite. Storm warnings were timely and radio and TV were effective in their dissemination.
MISSISSIPPI									
Lawrence to Jefferson Davis Counties	2	Before 1:20 a.							Funnel Cloud Aloft
									Funnel cloud aloft heard. There was a loud whine and roar; it never touched down; no reports of damage received. Public reports from Monticello (lat. 31.5° N, long. 90.1° W) and Prentiss (lat. 31.6° N, long. 89.8° W).
Madison County	3-4				0	0	?	0	Heavy Rain
									Canton newspaper noted, "Flash floods in the area of Owens Street early Tuesday morning (4th). . . ." The Civil Defense Director said water came past the houses, and boats were ready to take people out, when the water began receding; the flash flooding occurred around 1:30 a.m. (4th). Newspaper noted, "Some 3.30 inches of rain fell in a few hours late Monday (3rd) night, causing the flooding conditions."
Franklin County	4	2:00 a.	1 1/2	100	0	0	4	4	Tornado
									Thunderstorm moved from SW towards NE. Tornado touched down 8 S Meadville (lat. 31.4° N, long. 90.9° W) in Homochitto National Forest; first damaging trees, then hitting a rural settlement, and last damaging some more trees. Damages estimated \$20,000 to property and \$10,000 to trees. No one saw the tornado funnel but persons heard its roar. One uncoupled house was destroyed, 2 barns and a chicken house demolished; other damage to several homes, barns and out-buildings reported. Newspaper noted, "Large pine trees were snapped off like match sticks." Damage reported to about 500 merchantable pine trees.
Covington and Smith Counties	4	4:20 a.-5:30 a.							Thunderstorms
									A line of heavy thunderstorms moved slowly southeastward, while

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	
MISSISSIPPI (continued)									
									individual thunderstorms moved northeastward about 45-50 m.p.h. Radar indicated a hook echo 5 N Mount Olive, Covington County at 4:20 a.m. moving to NE at 40 m.p.h.; at 4:10 a.m. it was over Hize, Smith County. Hook echo observed over Seminary at 5:30 a.m. No reports received indicative of touchdown damage.
Harrison County	4	2:36 p.-2:39 p.							Funnel Cloud Aloft
									Funnel cloud observed 3 ENE Kessler field, Biloxi (lat. 30.4° N, long. 88.9° W). No reports of a touchdown received.
Lauderdale County	9-11				0	0	?	0	Heavy Rain
									Civil Defense reported heavy rains Sunday (9th) and Monday (10th) poured into Svashee Creek, sending the stream from its bank forcing about a dozen families to leave their south Meridian homes. The Mt. Barton elementary school closed early in afternoon of 10th. Newspaper noted that "5.06 inches of rain" fell in a 48-hour period from morning of 9th until 11th.
Jefferson Davis County	9	6:00 p.-6:02 p.	2	33	0	0	4	0	Tornado
									Storm moved from SW towards NE. Tornado touched down at 3 E New Hebron (lat. 31.7° N, long. 89.9° W). During a hard rain, thunder and lightning, woman reported hearing a roar, like a freight train, and tornado damaged her home except for one bedroom and the kitchen, and an out house was destroyed. Damage to property estimated \$5,000; there was \$1,000 additional damage due to rain. Next it uprooted her pasture fence, then skipped and took roof off a barn, then downed some trees.
Jasper County	9	7:20 p.-7:45 p.	18	100	0	1	4	0	Tornado
									Newspaper noted, "An early evening tornado skipped from one end of Jasper County to the other Sunday (9th) leaving four houses destroyed, seven more damaged, and one person reported injured. One of the destroyed houses was near Stringer, the others at the other end of the county near Paulding." The storm moved from SW towards NE. About 7:20 p.m. a tornado touched down near 1 W Stringer (lat. 31.9° N, long. 86.3° W) with a damage path length of 6 miles and width of 100 yards. Family inside home near Stringer water tower heard winds tear across yard and hit their house. Damages near Stringer were reported to a barn, truck, equipment shed and a graveyard; total damages near Stringer estimated \$8,000, and value of livestock killed estimated \$2,000. The storm was reported to have lasted to 7:30 p.m. at Stringer, and to have next set down about 7:45 p.m. in the Paulding community where one unidentified injury was reported, and there was damage to timber. At Stringer, a funnel was seen and heard by a number of people and there was "a lot of thunder and lightning - push of winds, then a stillness and quiet."
Clarke County	9	After 7:30 p.	1/2	100	0	1	3	3	Tornado
									Storm moved from SW towards NE. A funnel cloud touched down in an oil field, there a utility shed was blown away and an oil company employee, age 38, was dropped in a soybean field, he received cuts and bruises. It next dipped and felled 12 pecan trees (\$1200), damaged barn (\$450), and there was \$200 rain damage to hay and feed. Last it hit 3 E Pachuta (N of Highway 18); man there said it sounded like a train or airplanes and there was thunder and lightning. Other damages included 13 trees (\$1900), 2 sheds (\$450), and roof of home (\$2,300). Electric power and telephone services were knocked out in parts of western Clarke County.
Clarke County	9	8:15 p.	1	200	0	0	?	0	Tornado
									Storm moved from SW towards NE. Some tin sheds used by the State Highway Department, a mile south of Quitman Post Office on Highway 45 were blown down; and a house trailer was blown off its foundation. The storm also passed over the grandall road. At 6 or 7 miles E of Quitman, tops of farm buildings on the Delmar Jenkins land were blown off, but apparently the funnel cloud did not descend to the ground.
Jones and Wayne Counties	9	11:20 p.	13	300	0	12	6	0	Tornado
									Storm moved from SW towards NE with extremely heavy lightning. Tornado touched down four times from northeast edge of Laurel's city limits to the northeast edge; the rains that followed caused further damages. The first touched W of Laurel off Highway 84 (lat. 31.7° N, long. 89.1° W) between country club and half-finished shopping center where damages included department store building, super market and construction equipment. After leaving there the trier left the ground but blew the roofs off several houses across 15th, 11th and 13th avenues before setting down in the middle of a practice field behind and west of the 10-year old R. H. Watkins High School. It dug a hole in the center of the field, hit the west wall of the school building and caused an estimated \$600,000 to \$700,000 in damages. It next set down about 1/2 mile away where the most concentrated damage in a Laurel residential area occurred on 16th Street from 5th to First Avenue near the Lamar elementary school. Then it lifted for about 2 blocks to set down in a residential area on First Avenue (and 18th St.). It rose about 11:30 p.m. and left Laurel to next strike in Wayne County in a wooded area near the Jones County line. Civil Defense reported damage path width as 300 yards, and distance from first touchdown to last damage in Laurel as 5 miles; excessive roaring sounds heard; debris strewn counter-clockwise. Red Cross estimated 126 Laurel families affected; injuries minor and no reports of hospitalization. Civil Defense reported 15 homes totally destroyed with slight to moderate damage to 100 others. Laurel

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	
MISSISSIPPI (continued)									
Mayor estimated 200-250 trees uprooted, some falling on houses. Mobile homes, cars and trucks were overturned; approximately 700 telephones out of order. Newspaper placed Laurel damages at \$1.5 million.									
Harrison County	20-21				0	0	?	0	Heavy Rain
Newspaper noted, "Rains that dumped more than four inches of rain on some points of Harrison County caused streams to overflow in the Lorraine road and Three Rivers bridge area, and some spots on Poppy's Ferry road. Civil Defense Director Wade Duice said almost three feet of water flowed into Lorraine Road, just north of Bilcoi River. . . ." He said no injuries were reported, but persons in several homes were evacuated as water flowed into some houses on Lorraine and Three Rivers roads." The flood waters began to fall on 21st and county officials began a survey of damage to roads, bridges and drainage structures.									
MISSOURI									
None reported									
MONTANA									
Statewide	9-11				0	0	5	0	Strong winds
Strong westerly winds which gusted to over 100 m.p.h. on the 9th at Livingston and Big Timber overturned mobile homes and trailer trucks, damaged roofs, caused power outages, and closed thousands of miles of county roads due to drifting snow. Damage was mostly confined to the western half of the State.									
Western half of State	16				0	0	5		Strong winds
Strong westerly winds caused scattered damage and again closed numerous roads. Ten thousand dollars damage to an oil drilling rig occurred when it was blown over near Cut Bank and seven box cars of a Burlington Northern freight train were blown off the track near Browning.									
10 West Cut Bank, Glacier County	27	11 a.			0	0	6		Drifting snow, wind
The Antrack Empire Builder passenger train was derailed while traveling at 74 m.p.h. when it struck a large snowdrift. Fourteen were injured.									
NEBRASKA									
None reported									
NEVADA									
None reported									
NEW HAMPSHIRE									
See data at end of table.									
NEW JERSEY									
See data at end of table.									
NEW MEXICO									
Ciarron	26	Afternoon			0	0	3	0	High winds
Winds estimated to 75 m.p.h. with gusts to 90 m.p.h. caused damage to roofs, signs, trailers, automobiles, branches and power lines.									
NEW YORK									
See data at end of table.									
NORTH CAROLINA									
Statewide	13						5	0	Wind, rain, hail, electrical
Strong cold front with low forming moved across State, causing rain most of day. Scattered thunderstorms with local hail, wind & lightning damage. One inch hailstones reported near Waynesville. Flash floods upper Yadkin and tributaries. Two homes damaged by lightning; 2 storage buildings burned; power interrupted several areas; radio equipment damaged. Several weather-related traffic accidents with one man killed and at least 2 injuries. Wind damaged roof, chimneys, and outbuildings Yadkin County; caused lesser damage several areas.									
Durham County	14	5:30 a.					4	0	Wind
Barr blown down Research Triangle area, crushing two autos.									
Carteret County	15	Afternoon					4	0	Wind, high seas
Dredging tender sank at Drum Inlet; 2 seamen aboard swam ashore.									
Piedmont, Coastal Plain	16						5	5	Cold
Sudden severe cold following mild winter weather caused broken plumbing, heating system failure, auto trouble. Minima zero to 10°. Tender pasture grasses badly injured some areas; many evergreens killed back to stems. Cabbage, other winter greens destroyed. Mountain area equally cold, but less vulnerable.									
Wake County	17	1:30 p.					4	0	Wind
Home burned near Wendell. Destructive blaze blamed on high winds.									
Buncombe County	19	6:45 a.					4	0	Glazing
6-car pileup near Asheville caused by isolated area icy highway.									

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		
NORTH CAROLINA (continued)										
New Hanover County	20	6:55 a.						4	0	Fog
8-car pileup near Wilmington in dense fog.										
Madison County	25	4:00 a.			0	3	4	0	Wind	
Mobile home overturned, demolished. Infant and parents injured.										
Onslow County	28				3	0	4	0	Wind, high seas	
Three marines drowned, boat lost, in fishing trip off Camp Lejeune.										
NORTH DAKOTA										
East Central and Southeast	12	All day			0	0	?		Blizzard	
Northerly winds exceeding 40 mph at times, and 2 to 4 inches snowfall combined to produce near zero visibility and considerable drifting which disrupted transportation. Air traffic was temporarily halted at Hector airport in Fargo, most schools in the area were closed, and many social events cancelled. Sharp drop in temperature followed by severe cold weather.										
Eastern half of state	24	All day			0	0	?		Blizzard	
A major winter storm with winds up to 47 mph and 4 to 7 inches of new snow reduced visibility to near zero and caused drifts up to 5 feet deep. Bitter cold accompanied and followed the storm which closed schools, left rural school children stranded in towns, snarled air and bus transportation and caused a rash of minor traffic accidents.										
OHIO										
Northeast Ohio	13	Morning-evening			0	?	4		Wind and snow	
Winds of 25 to 35 m.p.h. and snow accompanied the passage of a cold front. Most sections of northeast Ohio had 2 to 4 inches of snow. The cold front brought 30 to 40 degree drops in temperature. Winds caused property damage in some areas of northeast Ohio.										
Entire State	24-25	Night-morning			0	?	4		Wind	
The passage of a cold front on the night of the 24th brought high winds and a 50 degree drop in temperature. Winds of 40 to 50 m.p.h. were reported over most of the state. Small amounts of precipitation accompanied the frontal passage. Property damage was reported in most areas. In Paulding (Paulding County) \$10,000 damage was done to farm buildings on the night of the 24th.										
OKLAHOMA										
Entire State	2-5				1	0	?	0	Cold Spell	
A very cold outbreak of arctic air swept across the State bringing with it snow and ice which made driving conditions hazardous. A large number of automobile accidents were the result of the slick roads. Snow and ice varied from 1 to 3 inches in the northwest half of the State and was generally 1 inch or less in the southeast half. Telephone service in several northwest counties was out most of the 2nd. Temperatures dropped to their lowest readings on the morning of the 5th when readings of near or below zero were common in northern and western areas. A shortage of fuel for heating caused the closing of schools in about 10 southwestern communities on the 5th. One elderly man died of exposure in Ponca City the night of the 4th.										
Entire State	13-15				0	0	?	0	Cold Spell	
Cold arctic air swept across the State, beginning in the Panhandle during the afternoon of the 13th. Snowfall varied from a trace to as much as 4 inches in the northern half of the State. Roads became hazardous but passable in northwest Oklahoma. Sub-zero temperatures were common across the northern half of the State the morning of the 15th. Temperatures varied from 5 to 15 degrees over the southern half of the State on the 15th.										
Entire State	26-28				0	0	?	0	Cold Spell	
The third major outbreak of cold arctic air during the month spread across the State on the 26th and 27th. Ice mixed with light snow caused extremely hazardous driving conditions over most of the State. There were many schools closed on the 27th and 28th. Automobile accidents were numerous. Most of the property damage resulted from frozen water pipes which had to be repaired when the thaw came.										
OREGON										
See data at end of table.										
PACIFIC										
Wake Island	16-17	4:00 a., 16th - 9:30 a., 17th			0	0	4		High waves	
Combination of high tide and waves generated by large, intense North Pacific winter storm east of Japan and about 1,500 miles										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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		
PACIFIC (continued)										
Truk and Fonape Districts		northwest of Wake Island								Wake Island washed out some roads and flooded an aircraft taxiway and few homes along northern shore. At high tide, water level in Wake Lagoon was 8 to 10 feet above normal.
	17-18	Afternoon of 17th - Morning of 18th			0	7	?	?		High waves
		High waves generated by same storm responsible for damage on Wake Island were reported to have washed inland on the islands of Kutu, Mamuluk and Lakunor in Truk District. Taro patches were inundated by salt water; coconut trees were destroyed, overwater toilets were swept away and shallow wells were contaminated by salt water. In Fonape District, several homes and coconut trees were damaged on Masae and Mokil. Surf rolled inland about 20 feet at Pingalap and over 100 feet at Mokil.								
		Additional information, if it becomes available, will appear in the January issue of the Pacific C.I. and in Storm Data under Delayed Data.								
PENNSYLVANIA										
		See data at end of table.								
PUERTO RICO										
		None reported								
RHODE ISLAND										
Statewide	25	p.m.			0	0	5	0		Wind
		Although gusts reached 80 mph on Block Island, wind damage was confined to scattered sections on the mainland where signs, wires and trees were downed, plate glass smashed and a few old barns destroyed. Power was out to 8000 customers. The airport on Block Island and the ferry to the mainland were shut down.								
SOUTH CAROLINA										
McCormick County	10	Between 3:00 and 4:00 a.	2	200	0	0	0	3		Tornado
		A small tornado damaged about 15 acres of timber at a point 2 or 3 miles east of McCormick. It was not seen due to the early hour and its location but some persons heard a loud roar and the damage pattern of broken trees tended to indicate some rotary motion. Direction of motion was towards the east.								
Lexington County	10	3:00 p.	6	75	0	3	5	0		Tornado
		A small tornado moved from the edge of Lake Murray towards the east just across Interstate 26. The path was about one mile south of Irmo and about 10 miles northwest of Columbia. Several homes were damaged badly and three persons were injured. They were working in a partially constructed house when it collapsed. Several trees were downed or broken.								
Barnwell County	13	5:10 p.	10	100	0	0	6	0		Tornado
		The tornado moved from a point 10 miles west-southwest of Blackville to the edge of that small city. It touched down several times along this ten-mile path. Ten homes were damaged heavily and several persons narrowly missed injury. Several other buildings were flattened. Loud roar heard by many.								
York County	16	5:00 p.			1	0	0	0		Cold
		A forty-year old man was found frozen to death in a field near his home in Rock Hill.								
SOUTH DAKOTA										
Most of state	22									Icing
		Freezing rain or drizzle caused a sheet of ice over much of state. Ice-covered roads resulted in hazardous driving.								
Most of state	24									Strong winds, locally heavy snow and drifting.
		Snowfall of from a trace to 8 inches was accompanied by winds of 30 to 40 MPH. The resulting drifting snow blocked many roads and along with the icing mentioned above caused travel to be halted in many areas. Visibility was occasionally reduced to near zero by blowing snow. Many activities were cancelled or postponed due to the weather.								
TENNESSEE										
State	4-5				0	0	0	0		Snow, glaze
		Snowfall totaled mostly less than one inch with periods of freezing rain. Roads very slippery and skidding accidents numerous. Schools closed in some areas.								
East Tennessee	13	a.m.			0	0	?	0		Hail
		For a two hour period beginning about 10:00 a.m., a 3-county area including Claiborne, Loudon and Blount Counties was battered by unstable weather including hailstones as large as 1 1/2 inches in diameter.								
TEXAS										
Friendswood, Galveston County	1	3:30 p. - 3:40 p.	1/2	50	0	0	4	0		Tornado
		A tornado struck in the Analea, Kings Park and Whitehall subdivisions of Friendswood where it overturned a mobile home and one camper trailer but otherwise caused only slight damage. No injuries were reported. Total property damage was estimated at 10 thousand dollars.								
7 SW Ganado, Jackson County	1	5:30 p.								Funnel aloft
5 S Orange, Orange County	4	4:00 a.								Funnel aloft
UTAH										
North Box Elder County	2	Early a.m. to Mid Aftn			0	0	4	0		Wind and snow
		Strong winds estimated in excess of 60 miles per hour struck the extreme northern portion of Box Elder County early on the morning of the 2nd. The winds snapped telephone and power lines leaving many rural families without vital electricity for as much as 12 hours. The Weather Observer at Muddy Ranch reported that her clock stopped at 4:25 a.m. and power returned at 4:15 p.m. Nearly 100 travelers were stranded near Park Valley by drifts 8 to 10 feet high which isolated the community. Several young calves were frozen to death by the cold and wind.								
Extreme North Utah	9-13				0	0	unk	0		Wind and snow
		A heavy snow storm, accompanied by 40 to 60 mile per hour wind which persisted for 3 days, lashed Northern Cache and Rich Counties and higher mountain areas of extreme Northern Utah. Drifts 10 to 14 feet high blocked many major highways and isolated the communities of Garden City, Laketown and Woodruff. Ranchers were unable to get out to feed their cattle for several days and some cattle died from exposure and lack of food. Many motorists were stranded and had to be put up in the homes of local residents, placing a strain on already short food supplies.								
VERMONT										
See data at end of table.										
VIRGIN ISLANDS										
None reported										
VIRGINIA										
Richmond area	23	5:35 P.								Funnel Cloud
		Funnel cloud reported 5 miles northwest of Richmond by aircraft.								
WASHINGTON										
Statewide	11	Mid-6 p.			2	6	6	4		Wind
		Two weather systems brought winds to the State from the 7th through 11th. Strongest winds occurred on 11th with widespread damage which approached the million dollar mark. Peak wind gusts reached 150+ m.p.h. on Rattlesnake Ridge (11 miles so. of Hanford Meteorology Sta.). 80 m.p.h. was recorded at Hanford, 74 m.p.h. at Richland, 100+ at Priest Rapids Dam, 60 m.p.h. at Spokane, 59 m.p.h. at Walla Walla, 63 m.p.h. at Palco, 84 m.p.h. at Dayton U.S. Science Lab. and 75 m.p.h. at Lower Granite Dam. Houses were damaged extensively, roofs blown off, house trailers overturned and demolished. Signs, trees and antennas were blown down, freight cars damaged and trucks blown over. There were massive utility outages as trees and limbs broke lines and emergency crews were kept busy for several days. There were 2 known deaths and 6 injuries.								
Southwestern Washington and Whitman and Asotin Counties	20-21	48 hrs.					6	4		Flood
		Heavy rain over western Washington and the southeastern portion of the State on January 20-21 brought many rivers to flood stage. Major flooding occurred in 9 counties of southwestern Washington and in Asotin and Whitman counties in eastern Washington. Total damages approached 4 million dollars. Highways were damaged by water and slides, homes and businesses flooded, bridges were washed out and roads and railroad right-of-ways destroyed. Many riverside parks were heavily damaged. Landslides destroyed two homes. Many vehicles and much merchandise were water damaged. There were no known deaths or injuries.								
Statewide	24-25	2 p. - 10 a.			0	0	6	5		Near blizzard
		An outbreak of arctic air on January 24 brought blizzard or near-blizzard conditions to the entire State. General snowfall was less than 1 foot although a few areas received as much as 20 inches. Blowing and drifting snow complicated the weather with numerous drifts of 2 to 4 feet and higher. Many roads, schools and busi-								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	
WASHINGTON (continued)									
									nesses were closed for several days. Driving conditions were hazardous and numerous accidents occurred. The Cascade Mountain passes were frequently closed by slides. Emergency crews worked for 48 hours or more and snow removal funds from most city budgets were exhausted. Costs and damages were estimated at near one million dollars. There were 10 known deaths (6 heart attacks and 4 sledding fatalities) and 12 known injuries.
WEST VIRGINIA									
Inwood Berkeley County	25	9:00 a.m.			0	0	3	0	Windstorm
									A strong gust of wind blew a half-section of a new mobile home off of a rig as it was being towed on Interstate Route 81 just south of Inwood. The twisted steel frame and collapsed body were all that remained. The towing tractor was not damaged.
WISCONSIN									
									None reported
WYOMING									
Statewide	11	All day			0	0	6	0	Wind
									Very strong gusty winds all day, strongest late afternoon, caused damage throughout the state to houses, power and phone lines, trees, signs, windows, trailers, trucks and miscellaneous equipment.
Statewide	17	All day			0	0	5	0	Wind
									Very strong gusty winds caused damage all over the state to cars, houses, power and phone installations, signs, windows, trailers, trucks and equipment.
MAINE									
State	2				0	0	0	0	Glaze, ice pellets snow
									Though not directly damaging, this storm produced slippery roads which led to many accidents, some causing injury and death. A single incident on the Maine Turnpike involved 20 vehicles, with 11 injuries.
State	23				0	0	0	0	Glaze
									Icing in many areas, with thickness of 1/2 inch reported at Springfield. No damage noted.
State	25				0	3	5	0	Wind, electrical
									Gusty winds felled trees and limbs, causing widespread utility failures and damage to homes, autos, a truck and a camper. Gust velocities reported to 105 m.p.h. at Rindford. Three injured, one in Sanford by flying debris, one in car flipped over in Fortage, and one in truck tipped over in Portland. Several mobile homes damaged. Some major structural damage to buildings and numerous minor cases of window, shingle, aerial, etc., damage. Two aircraft damaged at Biddeford Airport by flying sheets of siding. Midwinter thunderstorms reported in coastal area, with lightning knocking out a radio station at Surry.
MASSACHUSETTS									
Northern and central	2				0	0	0	0	Glaze, ice pellets, snow
									No direct damage from light to moderate storm precipitation, but many roads became slippery with resultant accidents.
State	5				0	0	0	0	Snow
									Though snowfall was generally only a few inches, roads became very slippery, resulting in a rash of accidents.
Western	8				0	0	4	0	Wind
									Strong winds, with gusts to 70 m.p.h. at Chester, toppled trees and limbs to cause utility outages in various communities, affecting hundreds of homes. A plate glass window was broken in Westfield.
State	25				0	11	5	0	Wind
									Dusty winds felled trees and limbs, causing widespread utility failures and damage to homes and autos. Gust velocities were reported at 92 m.p.h. at the Lawrence Airport and 80 m.p.h. at Chester. Some major structural damage and numerous minor cases such as windows, aerials, shingles, etc. Some large signs felled. Heavy damage to a building under construction in Cambridge, with debris injuring two. Another injury in Cambridge by a falling limb. Blowing debris injured two in Chelsea and two in Malden, while a falling wall in Boston caused one serious injury. Two in Lynn were injured when a limb crushed their car and one in Randolph when wind toppled a car onto him. Some minor bumps were suffered when pedestrians were blown from their feet in downtown Boston. Wind damaged two aircraft at the Lawrence Airport and one at Boston's Logan Airport.
NEW HAMPSHIRE									
State	2				0	0	0	0	Glaze, ice pellets, snow
									No direct damage from the light to moderate storm, but many roads became very slippery with resulting accidents.
State	25				0	0	5	0	Wind, electrical
									Gusty winds felled trees and limbs, causing widespread utility failures and damage to buildings and autos. Gust velocity up to 80 m.p.h. reported. Some major structural damage to buildings and numerous minor cases such as windows, shingles, aerials, etc. Two aircraft damaged at Manchester. Rare midwinter thunderstorms in southeastern portion, with hail reported at Epping. Lightning set small fire in Nashua.
NEW JERSEY									
Statewide	25	afternoon			1	1	4	0	Highwinds
									A four year old boy was killed when crushed by a tree which fell on the car in which he was riding with his mother. At Mount Arlington a woman was injured and hospitalized when knocked over by a shopping cart. At Somers Point two tractor trailers were overturned by high wind, one on the Morris Goodkind Bridge in New Brunswick, the other on the Bayonne Bridge. Trees were blown over, utility lines were downed and debris blocked streets and highways in all areas of the state.
NEW YORK									
State	25	all day			3	Many	6		Wind
									Very high winds of gale force wrought extensive and costly property damage throughout the State during passage of sharp cold front. Gusts of 65 to 70 miles per hour were measured at observing stations in southern upstate and New York City, beginning early morning in the west and extending to eastern sections by early afternoon. Peak gusts were slightly diminished in northern sections, recorded at 57 to 64 mph. Virtually every community in the state sustained power failures along with broken limbs, toppled trees and varying property damage, resulting therefrom. Significant incidents of wind damage to buildings, etc. are listed below. Waters of Lake Erie failed 9.2 feet above normal in Buffalo harbor. Lowlands flooded in Dunkirk-Silver Creek area as waves wrecked marina piers and catwalks; concrete sea wall on beach in Town of Hamburg topped and broken up by waves as inland flooding forced evacuation of several lakeshore homes. High waters also produced extensive flooding along Niagara River as some 12 families forced to flee rising waters in Cayuga Island area of Niagara Falls. Passage of cold front in extreme western New York dropped temperatures from low 50s early a.m. to upper teens by noon. Cold air brought snowsqualls off Lake Erie as far east as Rochester causing slick highways, reduced visibility and many auto accidents. Downtown areas of Buffalo, Rochester and other cities reported widespread wind damage to store windows, signs, outdoor displays and chimneys as numerous small sheds or other structures were overturned or demolished. Many pedestrians suffered minor injuries when blown to ground by wind, struck by windblown debris and broken glass. In New York City portions of 5th, 6th and 7th Avenues in midtown closed by police because of construction materials, broken glass and other debris being blown off tall buildings. Winds responsible for three fatalities in greater New York City; one killed by falling tree; one killed and two others injured from collapse of 30 x 8 foot wall; one fatality in motor vehicle crash when tree fell on car, causing driver to lose control. Falling trees critically injured a man in Syracuse and another man in Gloverville. Some 30 children trapped, but later freed without injury, when high tension wire fell on school bus at Walworth, Wayne County. By sections of the State the following significant incidents of wind damage occurred. WESTERN: commercial bank at Genesee, Livingston County, bakery warehouses at Cananigua, elementary school at Dresden, Yates County, and home in Geneva area each lost all or portions of roof with attendant damage to nearby buildings or autos from falling debris. New addition to bakery in Rochester and one wall of warehouse in Buffalo area collapsed as winds overturned two mobile homes in sales lot at Manchester, Ontario County. CENTRAL: apartment house in Syracuse, storage warehouse in Oneida, truck terminal and supermarket in Binghamton area each had roofs partially or entirely blown off. Shopping center building under construction at Syracuse had one wall and the roof collapse. NORTHERN: total or partial loss of roofs on highway garage, large livestock shed and several homes in Franklin and Clinton Counties. Large 70-foot trailer demolished and metal storage shed blown into new car sales room at Watertown. Mobile home and tow truck blown off highway and demolished in separate incidents near Glens Falls and Plattsburgh. EASTERN: in Hudson Valley nursery at Highland had one greenhouse destroyed and two others heavily damaged; furniture store unroofed in Foughkeppie. COASTAL: winds flattened plastic, bubble-shaped structure used as sports area by university in upper Manhattan, loss estimated at \$100,000. Food products warehouse in Borough of Queens and automotive showroom at Riverhead, Suffolk County, lost entire roof in each case. Framework at construction site of large home on Staten Island and at new high school in Yonkers collapsed by winds.
Lake Ontario Snow-belt	25-27	early p.m. to a.m.							Snow squalls
									With arrival of the cold, Arctic air on 25th snow squalls erupted in Great Lakes snowbelt. Especially severe squalls occurred in southeastern lee of Lake Ontario, beginning on afternoon of 25th and continuing into late morning of 27th. Storm snowfall totals of 35 to more than 50 inches measured in several areas of Oswego County with heaviest squalls noted on 26th; record 24-hour total of 37 inches at Hallory, Oswego County. Major highways and secondary roads closed throughout county as more than 100 autos and trucks abandoned along Interstate 81.
Lake Ontario Snow-belt	30-31	p.m. to a.m.							Snow squalls
									Westerly flow off Lake Ontario produced locally heavy snow squalls to eastern lee, affecting northern half of Oswego County and adjacent portions of Jefferson and Lewis Counties. Snowfall totals of 25 to 40 inches reported in Paris, Mexico, Pulaski and Altam. All highways blocked with snow as dozens of vehicles were stalled and abandoned. School closed throughout affected area. Zone of heavy snowfall was somewhat to the north and extending more easterly to that affected by heaviest squalls on 25-27th (see above).

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	

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	

<p>OREGON Clatsop and Lincoln County</p>	1,2	?			0	2	0	0	High tides																																												
<p>Columbia Gorge</p>	2	Early morning	3	*3	0	0	4	0	Wind																																												
<p>Northeastern Oregon</p>	7-10	Afternoon 7th-10th	120	*120	0	0	4	0	Wind																																												
<p>Portland, Multnomah County</p>	8	Early morning	20	*20	0	0	0	0	Wind																																												
<p>Northwest Oregon</p>	10-12	8:00a, 10-12 Noon, 12th	120	*200	3	0	7	6	Rain, wind and snow																																												
<p>The most intense Pacific storm of the winter moved southeastward across Oregon by late on the evening of the 11th with the initial 28 hours of the storm providing torrential rains across much of the northwest quadrant of the State. Heaviest rain of 4 to nearly 10 inches extended inland 30 miles along the northern coast from Clatsop County southward into Douglas County. The 28-hour storm totals exceeded 6 inches along a 15-20 mile wide belt centered over the Coast Range and extending 125 miles southward from the central part of Clatsop County. Greatest storm totals of 9.15 inches fell at Tillamook 15 ENE and 9.89 inches at Nehalem 9 NE. The 24-hour totals exceeded 5 inches at Otis 2 NE and Fildewater with new record 24-hour January totals of 7.00 inches at Valsetz (46-year record), 7.00 inches at Tillamook 13 ENE (2-year record) and 7.39 inches at Nehalem 9 NE (3-year record). These intense rains along with some snow melt and previous wet soils caused all coastal streams and some streams on the west side of the Willamette Valley to push quickly above flood stage. Streams began subsiding by early morning of the 12th but not before the floodwaters had closed many highways and roads, isolated Tillamook, washed out numerous bridges, caused numerous landslides and cluttered streams, bridges and crop lands with debris. Two adults were drowned evening of the 11th when they tried unsuccessfully to drive through a flooded section of the Yaguina River-Nashville Road about 8 miles northeast of Edenville. Another 64-year-old man died about noon on the 12th while attempting to reach dry land from his flooded auto on the Oakville Road 5 miles southeast of Corvallis. High winds late on the 10th and early morning on the 11th were recorded mostly south-westerly as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Place</th> <th>Date</th> <th>Fastest Mile</th> <th>Fastest Gust</th> </tr> </thead> <tbody> <tr> <td>Astoria WSO</td> <td>10</td> <td>28 m.p.h. 11:00p.</td> <td>42 m.p.h. 8:40p.</td> </tr> <tr> <td>Newport WSO</td> <td>11</td> <td>29 m.p.h. 5:30a.</td> <td>38 m.p.h. 6:00a.</td> </tr> <tr> <td>Newport OSU</td> <td>10-11</td> <td></td> <td>Less than 40 m.p.h.</td> </tr> <tr> <td>Portland NSPO</td> <td>10</td> <td>33 m.p.h. 11:18p.</td> <td>38 m.p.h. 1:17a.</td> </tr> <tr> <td>Portland Morrison Bridge</td> <td>10</td> <td>31 m.p.h. 1:10a.</td> <td>42 m.p.h. 11:20p.</td> </tr> <tr> <td></td> <td>11</td> <td></td> <td>43 m.p.h. 1:22a.</td> </tr> <tr> <td></td> <td>10</td> <td></td> <td>S 44 m.p.h. 10:38p.</td> </tr> <tr> <td></td> <td>10</td> <td></td> <td>S 50 m.p.h. 11:52p.</td> </tr> <tr> <td></td> <td>11</td> <td></td> <td>S 50 m.p.h. 1:20a.</td> </tr> <tr> <td></td> <td>11</td> <td></td> <td>S 42 m.p.h. 4:20a.</td> </tr> </tbody> </table> <p>Some timber blowdown was reported in Lincoln County but most loss occurred from flooding and mud slides. Preliminary damage estimates were set at \$7.7 million by the State Emergency Services Department. These counties were declared a State disaster area with Tillamook County accounted for \$6.4 million of the loss, Clatsop County \$442,000 and in Lincoln County \$88,000. More than \$3.2 million of the estimated loss was in damages to Oregon's road system. Additional details about this flooding are documented in the January 1972 issue of Climatological Data National Summary. Additional heavy precipitation of 3.50-5.00 inches fell in the Northern Cascades during the storm providing 49 inches of new snow at Santiam Pass for a season peak depth of 138 inches and 52 inches of new snow at Government Camp for a season peak of 118 inches. Timberline Lodge at the 6,000-foot level on Mt. Hood reported 186 inches of snow for a new record depth for this time of the year. Some 35 skiers were stranded at the Lodge for up to 4 days as 15- to 20-foot drifts were reported covering the last half mile of the Timberline Road. Some 15 or 20 cars were buried in snow drifts in</p>										Place	Date	Fastest Mile	Fastest Gust	Astoria WSO	10	28 m.p.h. 11:00p.	42 m.p.h. 8:40p.	Newport WSO	11	29 m.p.h. 5:30a.	38 m.p.h. 6:00a.	Newport OSU	10-11		Less than 40 m.p.h.	Portland NSPO	10	33 m.p.h. 11:18p.	38 m.p.h. 1:17a.	Portland Morrison Bridge	10	31 m.p.h. 1:10a.	42 m.p.h. 11:20p.		11		43 m.p.h. 1:22a.		10		S 44 m.p.h. 10:38p.		10		S 50 m.p.h. 11:52p.		11		S 50 m.p.h. 1:20a.		11		S 42 m.p.h. 4:20a.
Place	Date	Fastest Mile	Fastest Gust																																																		
Astoria WSO	10	28 m.p.h. 11:00p.	42 m.p.h. 8:40p.																																																		
Newport WSO	11	29 m.p.h. 5:30a.	38 m.p.h. 6:00a.																																																		
Newport OSU	10-11		Less than 40 m.p.h.																																																		
Portland NSPO	10	33 m.p.h. 11:18p.	38 m.p.h. 1:17a.																																																		
Portland Morrison Bridge	10	31 m.p.h. 1:10a.	42 m.p.h. 11:20p.																																																		
	11		43 m.p.h. 1:22a.																																																		
	10		S 44 m.p.h. 10:38p.																																																		
	10		S 50 m.p.h. 11:52p.																																																		
	11		S 50 m.p.h. 1:20a.																																																		
	11		S 42 m.p.h. 4:20a.																																																		

<p>OREGON (continued)</p>																																																						
<p>Eastern two-thirds of State</p>	11	All day	180	*200	0	4	5	4	Wind																																													
<p>Strong surface winds out of the southwest and west caused scattered damage across the eastern 2/3 of the State while a storm system moved into southeastern Oregon during the day. The cold front passed The Dalles about noon and reached Baker by 9:30p. Strongest recorded winds on the 11th were as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Place</th> <th>Time</th> <th>Gusts</th> <th>Time</th> <th>Gusts</th> </tr> </thead> <tbody> <tr> <td>The Dalles PSS</td> <td>7:58p.</td> <td>NN 56 m.p.h.</td> <td>11:58p.</td> <td>NW 46 m.p.h.</td> </tr> <tr> <td>Pendleton WSO</td> <td>6:58a.</td> <td>WSW 53 m.p.h.</td> <td>11:30a.</td> <td>N 71 m.p.h.</td> </tr> <tr> <td>Pendleton WSO</td> <td>1:58p.</td> <td>W 58 m.p.h.</td> <td>4:58p.</td> <td>NW 51 m.p.h.</td> </tr> </tbody> </table> <p>Reported unofficial winds:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Place</th> <th>Time</th> <th>Gusts</th> <th>Time</th> <th>Gusts</th> </tr> </thead> <tbody> <tr> <td>Bend</td> <td>Afternoon</td> <td>60 m.p.h.</td> <td></td> <td></td> </tr> <tr> <td>Condon</td> <td>Morning</td> <td>95 m.p.h.</td> <td></td> <td></td> </tr> <tr> <td>Boardman Depot</td> <td>Noon-1:00p.</td> <td>78 m.p.h.</td> <td></td> <td></td> </tr> <tr> <td>Umatilla Toll Bridge</td> <td>3:30a.</td> <td>73 m.p.h.;</td> <td>11:00a.</td> <td>71 m.p.h.</td> </tr> </tbody> </table> <p>Most communities in eastern Oregon suffered light to moderate scattered wind damage. Largest cause was blown trees, power and telephone outages, fences blown down, roofing blown away and some roofs torn apart. The Hermiston area was especially hard hit by tree damage to several homes and autos, numerous store windows blown in, walls blown down on several businesses and irrigation sprinkler systems damaged. Considerable blowing dust occurred in Umatilla County where 4 persons were injured, 3 auto and 3 trucks damaged in an Interstate 80 N accident near the Stanfield interchange. A transport truck and trailer were blown over on the highway west of Condon and another truck was blown over near Milton-Freewater.</p>										Place	Time	Gusts	Time	Gusts	The Dalles PSS	7:58p.	NN 56 m.p.h.	11:58p.	NW 46 m.p.h.	Pendleton WSO	6:58a.	WSW 53 m.p.h.	11:30a.	N 71 m.p.h.	Pendleton WSO	1:58p.	W 58 m.p.h.	4:58p.	NW 51 m.p.h.	Place	Time	Gusts	Time	Gusts	Bend	Afternoon	60 m.p.h.			Condon	Morning	95 m.p.h.			Boardman Depot	Noon-1:00p.	78 m.p.h.			Umatilla Toll Bridge	3:30a.	73 m.p.h.;	11:00a.	71 m.p.h.
Place	Time	Gusts	Time	Gusts																																																		
The Dalles PSS	7:58p.	NN 56 m.p.h.	11:58p.	NW 46 m.p.h.																																																		
Pendleton WSO	6:58a.	WSW 53 m.p.h.	11:30a.	N 71 m.p.h.																																																		
Pendleton WSO	1:58p.	W 58 m.p.h.	4:58p.	NW 51 m.p.h.																																																		
Place	Time	Gusts	Time	Gusts																																																		
Bend	Afternoon	60 m.p.h.																																																				
Condon	Morning	95 m.p.h.																																																				
Boardman Depot	Noon-1:00p.	78 m.p.h.																																																				
Umatilla Toll Bridge	3:30a.	73 m.p.h.;	11:00a.	71 m.p.h.																																																		
<p>Western third of State</p>	17-23	All days	160	*270	3	0	7	6	Rain																																													
<p>This 7-day wet spell during the third week of the month furnished heavy precipitation for most of the western third of Oregon as four storm systems supplied daily moisture. Heavy rains began on the south coast by the 17th and spread across the entire area by the 18th except for much of the Southwestern Valleys which received their first heavy rains by the 21st. The wetter days received from 3-4 days in the western valleys, 4-6 days along the coast, and 6-7 days in the Cascade Mountains. Storm totals of moisture varied from 3-8 inches in the western valleys with the immediate coast receiving 4-12 inches. The Northern Cascades at the higher levels varied from 10.73 inches at Government Camp to 12.17 inches at Detroit Dam. Wettest conditions existed in the Coast Range where the northern section varied from 15.67 inches at Nehalem 9 NE to 18.95 inches at Valsetz. The southern Coastal Range in Curry County varied from 7.59 inches at Illiath to 23.05 inches at Port Orford 5 E. Wettest day occurred on the 20th in the north and shifted to the 22nd in southwestern Oregon. These 24-hour rainfall amounts were mostly 3.00-4.50 inches except for 1.00 and 2.00-inch amounts across much of the Southwestern Valleys. Major exceptions were totals of 5.11 inches at Detroit Dam, 6.93 inches at Port Orford 5 E and the 7.80 inches at Valsetz which lacked only 0.10 inch of equaling the 46-year Valsetz record for greatest 24-hour amount. Snow fell daily at higher elevations in the Northern Cascades with 31 inches of new snow at Government Camp providing a maximum depth of 116 inches. Santiam Pass recorded 24 inches of new snow and maximum depth of 153 inches while Crater Lake Headquarters received 59 inches of snow for a monthly high depth of 153 inches, just 15 inches shy of equaling the station record January depth of 171 inches. High wind accompanied some of the coastal rain with Astoria WSO recording a gust of 52 m.p.h. from the south at 8:16a. on the 19th, while the 20th provided a fastest mile of wind 32 m.p.h. from the south at 10:56 a. and fastest gust of 63 m.p.h. at 11:05 a. Astoria winds on the 23rd provided a 1-minute speed of 32 m.p.h. at 5:00a. from the southwest with gusts up to 47 m.p.h. Pacific City recorded its highest winds at 7:00a. on the 21st with SW winds averaging 35-40 m.p.h. and gusts up to 50 m.p.h. These heavy rains in western Oregon provided flood stages on most of the streams and major rivers between the 20th and 22nd. Major flooding was again felt on the Frask, Wilson and Nehalem River areas for the second time within 10 days. Flooding was also felt near rivers and valley floor areas of western Oregon with western Oregon declared a major disaster area by Governor Tom McCall. Oregon damages from flooding and mud slides for this second storm series of the month were estimated at \$9.5 million by the U.S. Corps of Engineers and State Emergency Services Department. Three lives were lost in the flooding which included one man late on the 20th when his pickup was reported flipped over into the swirling water of the South Fork of the Coos River about 5 miles above Dellwood. The other two deaths came on the 22nd when a 17-year-old Scotts Mills youth was missed and presumed drowned in Butte Creek about 20 miles northeast of Salem. A 10-year-old boy is also missing and presumed drowned after he fell into Alt House Creek near Cave Junction. Additional details on flooding are documented in the January 1972 issue of Climatological Data National Summary.</p>																																																						
<p>Entire State</p>	23	4:30p.-5:00p.	?	?	0	0	0	0	Wind																																													

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1972

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	

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	

OREGON (continued)

Newport (near), Lincoln County 25 5:25p. A wind storm in the Pendleton area furnished 1-minute average winds of 44 m.p.h. with gusts up to 61 m.p.h. recorded at the airport Weather Service Office. A 20-minute power outage was reported in the Sherwood Heights area.

Entire State 25-26 All days A pilot reported seeing a funnel cloud aloft about 5 miles west of Newport. This offshore report indicated that cloud movement was unknown.

25-26 All days 0 0 0 0 Snow
An influx of moist Pacific air followed by the arrival of cold air down across Washington furnished general snow cover across Oregon. The eastern 2/3 of the State received a snow cover of 1-6 inches while most of the western 1/3 received 1-2 inches. Most immediate beach and coastal lowlands recorded a rare 2-4 inches of snow cover while the higher elevations of the Coast Range had depths of 6-8 inches with unofficial reports of 10 inches above Brookings. Similar increased snow depth in the Cascade Mountains only varied from 2-8 inches. Freezing minimum temperatures into the teens held the cover for several days providing hazardous highways which contributed to numerous minor accidents.

PENNSYLVANIA

Crawford County 13 Afternoon 0 0 4 0 Wind

Erratic wind turned a 55-foot mobile home over on its side near Meadville and cut a swath through the northern section of Cambridge Springs, uprooting or cutting off some 15 trees. Reports of wind damage also came from Conneaut Lake.

Statewide 25 Day 0 7 5 0 Wind

Strong winds preceding a deep Canadian low pressure system swept through Pennsylvania knocking out windows, blowing over mobile homes and trees, and causing widespread power outages. High winds of 30 miles per hour brought heavy storm damage to Presque Isle State Park, Erie County. Six to ten foot high waves, unobstructed by ice, corroded sections of beach. Johnstown NWS office reported gusts to 76 miles per hour, which is hurricane force. Winds ranged between 40 and 50 miles per hour, with a peak gust measured at 75 m.p.h., at the Williamsport Lycoming County Airport. Estimated \$12,000 damage resulted to a mobile home being towed on Interstate 81 between Trinkle Road and Route 11 when high winds blew it on its side at 11:25 a.m. At 11:55 a.m. a modular home was torn loose from its towing tractor on Interstate 80 near Tamersville. Damage was increased when a tractor trailer rammed the capsized modular home. Other mobile homes were lifted from the frame work of their towing-trailers along Interstate 81 near Clarks Summit and on Route 512 north of Bath. A metal shed was blown into a house trailer near William T. Piper Sr. Airport, Lock Haven, when winds exceeded 50 m.p.h. in gusts. Two equipment trailers were blown over at Pocomo Downs race track. Three roofs were reported blown off dwellings in the Wilkes-Barre area. Damage to 2 barn roofs as well as minor roof damage to 2 elementary schools was reported in the Lebanon County area and a large section of an approximately 20 x 30 foot roof crashed into an adjoining house near Hatfield, Montgomery County. Display windows were broken in Lebanon, Williamsport, Doylestown, and Allentown. The west wall of a building under construction in Williamsport was toppled and the corner of a barn blown out near Tamaqua. A truck was reported upset shortly before noon on the Northeast Extension

PENNSYLVANIA (continued)

of the Pennsylvania Turnpike about three miles south of the White Haven State Police Barracks. A large tree toppled by the winds crushed a pair of parked cars near Lansdale. Slag chips whipped from the roof of the Bucks County Courthouse, Doylestown, reached sufficient velocity to crack the windshields of several cars parked nearby. In Scranton a falling tree damaged the roof and trunk of a car. In Bethlehem a large limb punched through a car's windshield and a second fell across its roof, causing an estimated \$1,000 damage; three other vehicles were damaged while parked on city streets. In Lehighton a station wagon was also damaged by a falling tree limb. An 85-foot-high movie screen at the Starlite Drive-in near Allentown was destroyed. Carlisle, Cumberland County reported general damages totaling over \$8,000. In Mechanicsburg a 120-foot television antenna was knocked over and destroyed, damaging roofs of nearby buildings when it fell. In Bethlehem wind knocked an elderly woman off a porch, breaking her hip and another woman received minor back injuries when wind blew out a window at the Just Born Candy Company. Two Allentown policemen were injured when a flower shop window broke, while a gust of wind blew two women off their feet, injuring them. The wind also blew a woman over in Wilkes-Barre.

VERMONT

State 2 0 0 0 0 Glaze, ice pellets, snow

No direct damage from this light to moderate storm, but many roads became very slippery with accidents resulting.

State 25 0 0 5 0 Wind
Gusty winds felled trees and limbs, causing widespread utility failures and damage to buildings and autos. Some major structural damage to buildings and numerous minor cases such as windows, shingles, eavestroughs, etc. Several mobile homes destroyed. A school in Rutland and a covered bridge in Lyndon Center were partially deroofed.

- ° Includes crop damage.
- * Crop damage.
- * Miles instead of yards.
- ** Yards instead of miles.
- † Storm damages are placed in categories varying from 1 to 9 as follows:
 - 1 Less than \$50
 - 2 \$50 to \$500
 - 3 \$500 to \$5,000
 - 4 \$5,000 to \$50,000
 - 5 \$50,000 to \$500,000
 - 6 \$500,000 to \$5 Million
 - 7 \$5 Million to \$50 Million
 - 8 \$50 Million to \$500 Million
 - 9 \$500 Million to \$5 Billion.

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

SUBSCRIPTION PRICE: 15 cents per copy; yearly subscriptions \$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, D. C. 20402."

USCOMM-NOAA-ASHEVILLE, N. C. 2/28/72-1275