

January 1974

Volume 16

Number 1

Storm Data



STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1974

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										
Spanish Fort, Baldwin County	20	9:20 a			0	0	0	0		Hail
				Public reported hail one inch in diameter occurring briefly one and a half miles east of Spanish Fort.						
Goshen Pike County	20	2:25 p	**100	30	0	0	4	0		Tornado
				Small tornado touched down in Goshen briefly causing slight damage to a home and destruction of a chicken house killing 12,000 chickens. State Troopers tracked funnel northeast across Pike County as it remained about 500 feet above ground.						
Seima, Dallas County	23	5:15 p			0	0	0	0		Hail
				Seima Highway Patrol reported golf ball size hail 10 miles west of Seima.						
Rock Stand, Highway Haywood Moores, Bethel Randolph County	26	5:00 p	20	150	1	6	5	0		Tornado
				Tornado cloud sighted several times as it moved northeast along a 20 mile path of destruction through five rural communities. Initial damage at Rock Stand where a barn was unroofed and trees down. Funnel then lifted and touched down at the Tin Shop Community when two trailers were destroyed and a house damaged. From there the tornado remained on the surface for about 15 miles. At the Highway Community, two frame houses were destroyed killing one occupant and seriously injuring 2 others. At Haywood a trailer and a house were destroyed with heavy damage to another house, trailer, workshop and five barns. Near the end of the path at Moores Store and Bethel heavy damage occurred to a house, 2 trailers overturned and 2 small buildings destroyed. Remaining injuries were minor.						
Danley's Cross Roads, Coffee County	26	6:45 p			0	3	5	0		Wind
				High winds destroyed four mobile homes with slight injuries to their occupants. One house was heavily damaged and a chicken house with 12,000 chicks lost. Otherwise damage was slight at two other locations along storm path.						
Wicksburg, Houston County	27	3:30 a			0	0	4	0		Wind
				High winds from a line of severe thunderstorms ripped the roof and front porch from a brick home badly weakening the exterior walls and scattering insulation and debris for several hundred yards.						
Haleburg, Henry County	27	4:00 a			0	0	4	0		Wind
				Six homes within a one half mile area were moderately to seriously damaged by thunderstorm winds. Power and telephone service out for several hours.						
Fayette, Fayette County	28	5:22 a	3/4	50	0	0	5	0		Tornado
				Tornado struck in southern part of Fayette seriously damaging one house and causing moderate damage to about ten other houses and a manufacturing plant. Forty homes received minor damage. Streets were closed and utility lines down from fallen trees.						
Vernon, Lamar County	28	6:00 a	1/4	30	0	0	4	0		Tornado
				Small tornado witnessed to strike mobile home eight miles west of Vernon totally demolishing it and a nearby barn. Huge trees uprooted, windows broken and roof blown from a nearby house. Observer said funnel appeared to divide and move in two directions after striking trailer.						
Marshall and Dekalb Counties	28	8:30-9:40 a			0	1	5	0		Wind
				Strong winds associated with severe thunderstorms moved north-eastward through Marshall and Dekalb County. Damage occurred to a broiler house, killing 9,000 chickens before demolishing a trailer and causing a minor injury at Brashters Chapel. Scattered light damage occurred over a wide area northeastward to near Raineville where a house was unroofed and a barn destroyed. There also, damage was extensive to a camper sales lot. Big trees and power lines were down across much of the two counties with several reports of large hail.						
Dothan, Houston County	28	11:30 a	1/4	30	0	0	2	0		Tornado
				State Troopers at Dothan reported a small tornado touched down about 6 miles southeast of Dothan unroofing a barn.						
Prattville, Autauga County	28	1:04 p			0	3	4	0		Wind
				Thunderstorm winds destroyed two trailers and overturned two others causing three minor injuries in a mobile home park west of Prattville.						
ALASKA										
				NO STORM DATA REPORT RECEIVED FOR THIS STATE						
ARIZONA										
				NONE REPORTED						
ARKANSAS										
Scotland, Van Buren County	2	7:00 a.			0	1				Lightning
				One person injured when struck by lightning which apparently entered on telephone line.						
ARKANSAS (continued)										
Southern Arkansas	2	PM			1	0	5	7		Freezing Rain and Sleet
				Freezing rain and sleet that began on the afternoon of January 2 and continued most of January 3rd covered the southern half of Arkansas. Ice broke trees that fell on utility lines and houses and in some areas blocked streets and highways. Timber that supplies pulpwood to paper making industries was severely damaged and estimates of loss in Union County alone totalled well over \$1,000,000. At the height of the ice storm, 36,000 homes and businesses were without electrical power, and some areas remained without power for several days. Damage was heaviest in Bradley, Drew, and Desha Counties. One workman killed in Bradley County while attempting to remove tree limbs from power line.						
Collins, Drew County to McGehee, Desha County	28	2:00 a.	12	100	0	2	4			Tornado
				Small tornado touched down briefly at Collins destroying a mobile home, unroofing several houses, and blowing down trees and power lines. Tornado lifted as it moved northeastward through open country. Residents estimate the tornado was 30 to 40 feet above the ground on the path from Collins to McGehee with only power lines being blown down. Tornado touched down briefly in McGehee, damaging four businesses, several houses, and a mobile home. Two occupants of mobile home slightly injured.						
CALIFORNIA										
NORTHERN & CENTRAL										
Santa Maria, Santa Barbara County	05	3:06p								Funnel cloud aloft
				Funnel cloud aloft 10 miles east of Santa Maria airport reported by public.						
CALIFORNIA SOUTHERN										
Santa Barbara County	3,4 & 5									Heavy Rain
				Heavy rain over the three day period, coupled with unusual high tides caused mud slides and property erosion and damage. Some roads were closed and some schools were closed. Crop damage was reported.						
Los Angeles County San Bernardino County	4 & 5									Snow Storm
				An average of 18 inches of snow fell in the Pamdalearea and the San Bernardino mountains. Several carports and patios collapsed under the weight of the snow. At Crestline roofs of five business establishments collapsed from the weight of the snow. Many power lines and trees snapped when they became snow and ice laden. Most residents in the mountain areas were isolated by the deep snows.						
Los Angeles, Ventura Orange and Riverside Counties	3, 4 & 5				5	?	?	?		Rain Storm
				Heavy rains caused widespread damage in the coastal and foothill areas of Southern California. Mudslides caused the closure of many major freeways and arteries, including the Ridge Route portion of Interstate 5, while some highways were undermined and low-lying areas were flooded by heavy runoff. Rain-slick freeways caused a massive pileup on the Golden State Freeway between Los Angeles and the San Fernando Valley, involving 7 trucks and a passenger car. 3 gasoline tankers exploded and one driver was killed; parts of the freeway were closed for as long as 12 hours. A series of mud slides trapped hundreds of persons at Topanga Canyon, the site of a huge brush fire last October. 3 people perished when their twin-engine plane crashed in the San Bernardino Mountains during the height of the storm. One person was swept into a rain-swollen creek 11 miles north of Fallbrook. Property damage - Most storms of this nature run well into the millions in Southern California.						
Los Angeles, Ventura Orange and Riverside Counties	4 & 6									Winds
				Winds up to 65 m.p.h. damaged several mobile homes and automobiles, also downing trees and severing power lines.						
San Diego San Diego County	9	3:24 P.								Funnel
				FAA tower reported funnel cloud, with no indication that it touched the ground						
San Diego San Diego County	9	4:48 P.								Funnel
				FAA tower reported funnel cloud with no indications that it touched the ground						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM			
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS				
COLORADO										HAWAII (continued)												
Garfield County	2-10				0	0	3	0	Snow	West shore West Maui, north shore Oahu and Kona coast, Hawaii	6-7	early morn, 6th - early morn, 7th			0	0	5	0	Rough seas and high surf			
									Several heavy snows during the first 10 days of the month, in addition to the snow which had accumulated during December, resulted in a "snow emergency" at Glenwood Springs. The 42 inches of snow on the ground at Glenwood Springs on the 10th is an unusually large amount for that area.										Large storm about 300 miles northwest of Hawaiian Islands generated rough seas and high surf to 25 feet. Time of high surf coincided with higher than normal high tides because of the alignment of the moon, earth and sun. On West Maui, 26-foot craft grounded while attempting to leave Lahaina Small Boat Harbor. 60-foot ketch grounded after anchor chain broke and grounded 50-foot yawl smashed to pieces off Royal Lahaina Hotel. 25-foot sloop broken into 4 pieces while moored in place. On Oahu's north shore, property damage to 24 homes, 7 boats, 2 stores and Haleiwa Harbor estimated \$217,000. On Hawaii Island's Kona coast, high surf splashed over sea walls at homes, condominiums and hotels along Alii Drive but no serious damage reported.			
CONNECTICUT										Honolulu Airport, Oahu												
State	3-4	PM 1-3 to AM 1-4			0	0	1	0	Heavy Snow		21	1:03p.-1:15p.			0	0	0	0	Funnel cloud			
									A snowstorm dropped 6 inches of snow on the State which snarled traffic, caused numerous minor auto accidents, but no injuries. Property damage restricted to automobiles.										Columnar-shaped funnel cloud about 400 feet in diameter moving west-southwestward passed over WSPF Honolulu extending down from dark stratocumulus cloud base of about 4700 feet to near ground where paper debris swept upward. Station personnel estimated gust to 30 knots and looking up into funnel observed lighter colored clouds whirling cyclonically below parent cloud. Light rain showers in vicinity.			
State	9-11				5	0	0	0	Heavy Snow, freezing rain		27	2:48p.-2:55p.			0	0	0	0	Waterspout			
									Three days of intermittent snow or freezing rain dropped 5 to 8 inches of snow in some parts of the State. Traffic tie-ups were generally minor with no property damage reported. Utility outages were isolated. Five persons had fatal heart attacks after shoveling snow.										Waterspout moved eastward.			
State	19	AM			1	0	1	0	Ice Storm		27	3:36p.-3:51p.			0	0	0	0	Waterspout			
									A rain falling on surfaces preconditioned by several days of below freezing temperatures resulted in severe glaze conditions throughout the State. No major utility outages, however numerous traffic accidents were reported, one of which had one fatality.										Large dark-grey well-defined columnar-shaped waterspout moving slowly eastward observed by WSPF Honolulu personnel extended straight down to ocean surface from stratocumulus cloud base of 5000 feet with top of about 8000 feet. Thunderstorm to immediate north with cloud to ground lightning and heavy rain over Waianae and Nankuli.			
DELAWARE										3 miles south Waimea-Pakala, Kauai												
All	9	Morning							Snow 2 inches		28	6:33p.			0	0	0	0	Waterspout			
									2 inches of snow in New Castle County tapered off to freezing rain in Sussex County. Snow followed by freezing rain.										Pilot reported small tornado about 300 feet in diameter. No damage reported.			
FLORIDA										IDAHO												
HINSON-CONCORD, GADSDEN CO.	30	2:00 AM EDT	6	100	1	4	5	0	TORNADO	Near Twin Falls, Twin Falls County	14	Afternoon			0	1	4	0	Wind			
									THE TORNADO FIRST TOUCHED DOWN NEAR HINSON AND AS IT MOVED TOWARDS CONCORD IT UPROOTED TREES, THEN DESTROYED A SUMMER HOME AND LARGE DOUBLE MOBILE HOME BEFORE FINALLY DAMAGING THE CONCORDIA BAPTIST CHURCH IN CONCORD. TOTAL DAMAGE WAS NEAR \$100,000 WITH \$20,000 OF THIS AT THE CHURCH. THERE WERE FOUR INJURIES WITH ONE OF THE INJURED REQUIRING SURGERY FOR INTERNAL INJURIES. THE LADY WAS IN SERIOUS CONDITION FOR SEVERAL DAYS BEFORE SHE SUCCUMBED FEBRUARY 4, 1974, AT APPROXIMATELY 9:00AM EDT AT A LOCAL HOSPITAL.													A truck tractor pulling a house trailer was blown over by a gust of wind. The driver suffered minor injuries, the truck cab was damaged and the trailer destroyed.
GEORGIA										Panhandle, North Central Prairies, North Central Canyons Central Mountains, Southwestern Valleys, Central Plains Areas												
Dalton	11	5:45 a.	Short	Narrow	0	0	4		Tornado		14 - 18			0	0	8	7		Wind, Rain			
									Six rooms of motel unroofed. One business unroofed. Trees down.										After two weeks of zero and below temperatures, unseasonably warm temperatures accompanied by chinook winds and heavy rains--as much as ten inches in a four-day period in North Idaho--and resulting rapid snow melt, caused disastrous flooding in Northern Panhandle, North Central Prairies and Central Mountain areas of Idaho. Some southwest areas were flooded by rivers being blocked from ice jams. Heaviest damage occurred in Northern Idaho where many areas were without telephone, electricity, water, and natural gas for up to several days. Most schools and businesses were closed.			
Bremen	11	8:00 a.							Funnel Cloud										After surveying the flooding, Governor Cecil D. Andrus declared twelve counties in Idaho disaster areas and called it the "worst natural disaster in the history of Idaho." Damage was estimated to be \$1.3 million to public property, \$14.5 million to private property, \$12 million to National Forests, \$2.6 million to agriculture, and \$1 million to Department of Transportation for a total of \$50 million. Around 10,000 persons were displaced and an unknown number of homes damaged or destroyed. Miraculously, no lives were lost and no serious injuries reported. Counties declared disaster areas were Kootenai, Shoshone, Boundary, Benewah, Washington, Latah, Adams, Nezperce, Idaho, Lewis, Payette, and Custer.			
Douglasville	11	9:10 a.							Funnel Cloud										Mud slides blocked and washed out sections of U.S. 95, Idaho's main north and south highway, in sections of Little Salmon River Canyon near Riggins leaving the small community isolated and cutting the State in two. Minor flooding occurred in Minidoka County in south due to rapid snow melt and heavy rains.			
Montezuma	11	11:25 a.	1/2	60	0	0	4		Tornado										The sudden thawing and rains caused ice to break and jam in the Payette River near Montour, Gem County; the Weiser River near Cambridge, Washington County; and Lemhi River at Salmon, Lemhi County. Flooding of lowlands along the rivers resulted in damage to homes and farmlands and loss of livestock.			
									Destroyed mobile home, damaged two houses, knocked down numerous trees.													
Arlington	20	6:30 p.	Short	60	0	1	4		Tornado													
									Two peanut warehouses destroyed, one mobile home destroyed and one minor injury.													
Blakely	20	Evening	?	?	0	0	4		Tornado													
									One house heavily damaged, two mobile homes flipped over and trees uprooted.													
Dougherty, Lee and Calhoun Counties	28	Afternoon			0	0	3		Windstorm													
									Minor damage in Arlington and Smithville with some trees down and a plate glass window broken as thunderstorms moved through area.													
Valdosta	30	5:30 a.	1/2	60	0	0	4		Tornado													
									Roof of school damaged, several metal warehouses damaged and trees uprooted.													
HAWAII																						
Between Pearl City and Wahiawa, Oahu	4	about 3p.			0	0	0	0	Funnel cloud													
									North-northeastward moving funnel cloud, broad at top and half as wide at bottom, extended down several times from cloud base half way to ground.													

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					KILLED	INJURED	PROPERTY	CROPS	
ILLINOIS Whole state	8	All Day			0	0	?	?	Snow, Ice
									A major winter storm passed through the southern portion of the state depositing heavy snow in the central and north. 3 to 7 inches of snow fell in this area. A severe ice storm dumped about 2 inches of ice on parts of the central and southern portions coating trees and roads. Many traffic accidents were reported and schools were closed.
Central and North portions	26	Evening			0	0	3	?	Wind, Rain
									A rapidly moving low pressure area passed through the central portion causing high winds. Winds were reported at more than 70 mph blowing roofs off buildings and windows blown out. Power lines were down in many small towns. Heavy rain in the Chicago suburban areas caused rivers to overflow their banks flooding streets and homes. Rantoul, Alto Pass, Georgetown, Hoopston, and Darville all had some of the above damages.
Wedron (La Salle County)	27	1PM			0	0	3	?	Ice
									32 mobile homes were damaged by ice at Ayers Landing near Wedron when ice 10 to 12 inches thick overflowed the banks of the Fox River.
INDIANA Southern one third of Indiana	3								Freezing rain and sleet
									An ice and sleet storm spread over the southern third of Indiana. Numerous, mostly minor, traffic accidents occurred. Massive traffic tie-ups were reported on Interstate 65 from Columbus to Louisville. Some industries were closed in Evansville with local bus transportation curtailed or cancelled.
Western and southern Indiana	10								Freezing rain and sleet
									An ice and sleet storm spread over western and southern Indiana - the second one within a week. Numerous schools closed both Thursday and Friday allowing students a four day weekend. Numerous, mostly minor, traffic accidents occurred.
Evansville Vanderburgh County	26	3:30 p			0	0	4		Wind
									High winds severely damaged a building under construction. Wind gusts to 53 mph at Dress Regional Airport.
Anderson Area Madison County	26	Evening			0	4	4		Winds
									Wind gusts to 65 mph were reported in Anderson. Four injuries - none serious, were reported in Madison County. At least two trailers were destroyed and several damaged. At least one traffic accident was attributed directly to the storm.
Union City Randolph County	26	Evening			0	3	4		Wind
									Three persons were injured and several trailers in a trailer park were damaged as winds reached 50 mph.
Hartford City Blackford County	26	Evening			0	0	4		Wind
									Strong winds severely damaged several trailers, roof damage to two homes, a light plane was toppled with minor damage.
IOWA			NONE REPORTED						
KANSAS Southcentral and East	9-10				0	0	4		Ice, Snow
									Snow on 9th and 10th accumulated 3 to 7 inches over much of east and central portions, but began as freezing rain or freezing drizzle over the east and southcentral where considerable glazing caused numerous automobile accidents and damage to overhead utility lines.
Russell County	25	2:15 p.			0	0	4		Wind
									Strong winds overturned and demolished one mobile home on Lake Wilson Dam as it was being moved from Lucas to Kansas City.
KENTUCKY West, Central, Northeast	2,3	Night			3	75+	6		Ice storms
									Ice storms deposited glaze over all of Kentucky except the extreme southeast where only rain fell. The ice storms closed schools in at least 36 counties. The State Police reported "The ditches are full of vehicles that have slid off the road" and "there's almost a waiting list for accident run." Power lines, trees and buildings were damaged in most areas of the State. Some areas reported the ice storm to be the worst in the last 25 years. One State employee was killed while spreading cinders on the ice and a mother and young son slid off the road into a river and drowned.
Statewide	9,10	?			0	5	5		Rain & floods
									More than six inches of rain in 48 hours caused flooding over much of Kentucky. The Ohio River crested nearly three feet above flood stage at Louisville on the 15th. Flood damage was reported from extreme western Kentucky to extreme eastern Kentucky. Many roads were closed around the State.
West, Central	26	6 p.m.			0	3	5		Wind
									Sixty mile per hour winds were recorded at Louisville's Bowman Field, and strong winds were reported elsewhere around the State. Mobile homes were damaged or destroyed in several counties and there were numerous reports of damage to trees, power lines and buildings.
LOUISIANA Lafourche Parish	19	6:00PM	2.	25	0	0	4	0	Small tornado
									Small twister touched down in southwest Thibodaux and caused light to moderate damage to rooftops and power lines as it roared and dipped down once more as it moved northeastward into the northern portion of the town.
Assumption Parish	19	6:00 PM	1/4	25	0	0	3	0	Small tornado
									Small tornado dipped down 1 mi north of Napoleonville, completely destroying a mobile home.
Lafayette Parish	26	morning			0	1	3	0	Wind
									Occupant of mobile home injured when high winds blew over trailer in trailer court just south of Lafayette. Several adjacent mobile homes blown off mooring blocks.
Madison Parish	28	3:00 AM			0	0	0	0	Funnel cloud
									Hook echo indicated by Shreveport radar 10 mi south of Tallulah. Some residents report hearing a loud noise overhead.
MAINE Southern	27	PM					4		High winds
									Period of high winds in late afternoon swept across southern half of the state. Considerable tree damage. Falling limbs caused numerous power outages. Signs were blown down and there was minor structural damage. Peak wind at Portland, West 56 mph.
Statewide	31	Evening			1	10	5		High wind
									High winds accompanied a cold front that moved across the state during the evening. Trees blown down. Widespread power outages. Considerable structure damage. Steeples blown off church. Mountain climbers at Katahdin caught in snow squalls, winds, and falling temperatures. One member of party died. High wind warning issued for Western mountains early in the morning. Peak wind West 63 mph at Portland; 50-60 mph at Caribou.
MARYLAND & D.C.	SEE END OF TABLE								
MASSACHUSETTS State	9-10				3	?	?	0	Snow
									Steady snow which began on the morning of the 9th continued until the evening of the 10th dropping 10.9 inches of snow at Logan Airport, greatest single-storm total since the 12.7 inches of 22-24 of December, 1970. Snow caused numerous school cancellations and traffic accidents. Three persons died while shoveling snow. Fortunately, snow fell with light winds.
State	31	Eve			0	0	5	0	Wind
									Gale-force winds following passage of intense cold front blew down numerous signs, trees and large tree limbs, and blew out a considerable number of plate glass windows. Thousands of utility subscribers were without power, some for several hours. Peak gust of 69 miles an hour was recorded at Logan Airport in Boston at 10:32 p.m. EDT. Momentary gusts of hurricane-force probably occurred over rough terrain.

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					KILLED	INJURED	PROPERTY	CROPS		
MICHIGAN Southeast Michigan	26-27	night					5		Wind	
	A cold front accompanied by heavy thunderstorms moved through during the evening, followed by several hours of even stronger gusty winds. Peak gust at Metropolitan Airport 62 m.p.h. at 1.20 a.m. Many trees uprooted, power lines down. Buildings, cars, boats, and aircraft damaged.									
MINNESOTA			NONE REPORTED							
MISSISSIPPI Northwestern Half of Mississippi	2-4				0	0	7	7	Ice Storm	
	Freezing rain and drizzle first began in extreme northwest Mississippi on the 2nd and gradually spread southeastward, until, on the morning of the 4th, reports of icing were received from as far south as Mccomb, but major accumulations were indicated north of a Columbus-Jackson-Natchez line. Below freezing temperatures stalled any successful melting of ice in the northwestern portions of the state for several days. Heaviest damage occurred north of a Corinth-Greewood-Greenville line, where telephone and power outages were extensive. It was estimated that as many as 25,000 Mississippians went without power at some time during the storm, and some homes were still without power a week later. Power companies reported that breaks occurred as fast as they could be repaired, and this, combined with the closing of nearly all roads, left northwestern counties paralyzed for several days. Timber damage in the north was considerable.									
Columbus Lowndes County	26	11:45 PM			0	16	5	0	Windstorm	
	Strong winds swept through a heavily populated mobile home park less than a mile south of Columbus Air Force Base inflicting heavy damage to approximately 75 mobile homes and minor damage to 13 housing units on the base. Of the 16 persons injured, none were serious, although 3 were hospitalized for several days.									
Hollandale Washington County	28	2:09 AM							Funnel Cloud	
	Funnel Cloud aloft reported over Hollandale.									
Leflore County	28	2:40 AM	?	?	0	0	4	0	Tornado	
	Tornado destroyed a house, a car, and a pickup truck, five miles west of Minter City on State Highway 8.									
Warren County	28	3:15 AM	1	?	0	0	?	0	Tornado	
	A tornado skipped through the Oak Ridge community, mostly through wooded areas, causing limited damage. Some power lines were cut in the damage path.									
Choctaw County	28	3:30-5:00 AM	?	?	0	1	4	0	Tornado	
	A tornado dipped down about a mile east of Reform, causing one injury, and demolishing a house and a house trailer.									
Oktibbeha County	28	4:25 AM	3	?	0	3	4	0	Tornado	
	A tornado touched down near the Adaston community about 5 miles south of highway 82, and proceeded easterly. One mobile home was completely destroyed, but the occupants, a family of three, were only injured slightly. Several buildings along the path were damaged, and some power and telephone lines were cut.									
Hinds County	28	4:00-4:30 AM	12 1/2	50-150	0	5	5	0	Tornado	
	Tornado first touched down near the Claiborne-Hinds county line, about 7 miles west of Utica, and traveled in a northeasterly direction for about 5 1/2 miles. It then picked up and apparently did not touch down again for another 20 or 25 miles, where it stayed on the ground another 7 miles, again lifting just before moving into the city of Jackson. 12 homes and 4 mobile homes along with several automobiles, barns, and other farm buildings, were completely destroyed. Several other homes and buildings were damaged, running total damage costs to approximately \$75,000. The 5 injuries occurred on the tornado's second damage path, near the city of Jackson.									
MISSOURI Various points in Missouri									Flood	
	The Missouri River along the lower reaches and the Mississippi River were slightly over flood stage at various points along the rivers during the middle and latter part of the month. The heavy December and early January snowfall combined with an exceptional January thaw and above normal rainfall caused the flooding on both rivers.									
MISSOURI (continued) State of Missouri	9-10								Snow and Ice	
	Freezing rain in the southeast and heavy snow elsewhere caused problems for three days. At some locations there was still several inches of old snow on the ground from the December snowfall. A few isolated cases are as follows: Knob Noster, Johnson County - 13 inches (Whitman Air Force Base reported an 18 inch snow drift on 1/10/74) Boonville, Cooper County - 6 to 7 inches. Paris, Monroe County - 8 to 11 inches with temperatures of -20°F. Fayette, Howard County - 8 to 10 inches. Lamar, Barton County - 5 inches. Cape Girardeau, Senath, Dexter and Sikeston (all in southeast Missouri) had freezing rain causing tree and property damage. It was the worse ice storm since 1957.									
MONTANA Park, Stillwater, Carbon, Yellowstone, and Big Horn Counties	14-15				0	0	4	0	Wind	
	Strong winds blew down signs, trees, power poles and demolished some trailers 60 to 80 miles per hour winds were reported.									
Lincoln County	15-16				0	0	6	0	Flood	
	Heavy rains and warm temperatures combined to give flooding on most rivers and streams in the county as previous heavy snow accumulation melted at lower elevations.									
Most of state	29-30				0	0	5	0	Wind	
	Unusually strong winds over much of the state demolished trailers, blew down signs, trees, and power poles. Shed roofs were blown off. 60 to 90 miles per hour winds were reported.									
NEBRASKA	NO STORM DATA REPORT RECEIVED FOR THIS STATE									
NEVADA RENO	16				0	0	4	0	WIND STORM	
	Nevada Bell microwave damaged by strong winds on McClellan Peak, about 30 miles south of Reno. Winds reached 69mph in gusts at the Reno International Airport and 126mph atop Peavine Mountain, 9 miles northwest of WSO Reno.									
NEW HAMPSHIRE Statewide	27	PM						4	High wind	
Northern and Central	31	Evening						5	High wind	
	Cold front passed through the state, blowing down trees and signs. Considerable structural damage and damage to power lines causing power outages. High wind warning posted for northern White Mountains.									
NEW JERSEY New Jersey State	3-4	PM 1/3 to AM 1/4			0	2	1	0	Snow and Ice	
	Freezing rain and sleet near the coastal area and snow over inland areas with up to 6 inches accumulating in the northwest resulted in numerous auto accidents and utility disruptions.									
State	9-11				0	31	1	0	Snow and Ice	
	Intermittent periods of freezing rain and snow accumulating 4 to 6 inches again snarled traffic, broke tree limbs and disrupted utility service. Only the south coastal area, where all precipitation fell in the form of rain, escaped the snow and ice storm.									
Central and North	19	AM			0	0	1	0	Freezing rain	
	Freezing rain during the night resulted in numerous auto accidents and power outages during the morning hours.									
NEW MEXICO	NONE REPORTED									
NEW YORK COASTAL New York (Extreme Southeast)	3-4	PM 1-3 to AM 1-4			0	0	1	0	Snow and Ice	
	Freezing rain and sleet changing to snow with mostly snow over inland areas. Amounts varied from an inch or two on Long Island to about 4 inches over Western Rockland County and Northern Westchester County. Ice accumulated on roadways, trees and wires hampering traffic and disrupting utility service.									
Entire Area	9-11				0	0	1	0	Snow and Ice	
	Intermittent periods of snow and freezing rain accumulating 4 to 6 inches over the area again causing traffic and utility problems.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1974

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	
NEW YORK (continued) COASTAL									
Entire Area	19	AM			2	4	2	0	Freezing rain
									Freezing rain over the entire area during the night caused extremely hazardous driving conditions. Extensive damage due to auto collisions. More than 400 auto accidents were reported in New York City alone.
NEW YORK CENTRAL									
Interior Eastern New York	9-11				?	?	4	0	Heavy Snow and Ice Storm
									First important storm of the New Year. Heaviest snow amounts occurred in Central and Southern sections where snow changed to sleet and freezing rain in many sections before ending Friday causing hazardous conditions.
Oswego County	13				?	?	?	0	Heavy Snow
									Snow squalls developed to the lee of Lake Ontario causing a narrow band of very heavy snow in Oswego Co. Oswego reported 36" in seventeen hours while up to 45" was reported in nearby areas. Extreme snow amounts were confined to about a 10 mile wide band.
Copake Flats	21	PM			0	0	4	0	Wind
									Strong winds overturned a 70 ft. mobile home being transported along Route 22 in Copake Flats.
Interior Eastern N.Y.	27				0	1	5	0	Wind
									A springlike southwesterly wind, associated with a deep low pressure over Southern Canada, reached gale force at times Sunday. The area most affected extended from the Finger Lake and Eastern Lake Ontario Counties Northeastward into the Adirondacks and St. Lawrence Valley. Numerous cases of fallen power lines and trees and of structural damage were reported. A Manlius resident was injured when struck by a falling tree as he walked near his home. Syracuse reported wind gusts to 71 MPH.
Interior Eastern N.Y.	31	PM			0	3	5	0	Wind
									A cold front associated with a deep low pressure over Southern Canada swept rapidly across the State Thursday afternoon and evening displacing unseasonably warm air. Gale force winds followed. Numerous cases of fallen power lines and trees and of structural damage were reported. In Beansboro, a motorist was injured when a tree fell on his auto. In Greenfield Center, a husband and wife received minor injuries when their trailer overturned. Wind speeds as high as 80 MPH were reported at Watertown, Barnes Corners, and Ithaca.
NEW YORK WESTERN									
WESTERN NEW YORK	6-7				0	0	?	0	Snow
									As much as 12 inches of snow fell over extreme western New York. Blowing and drifting snow caused a few school and business closings. Hazardous road conditions caused a few accidents. Major arteries were kept open.
	9	2 a.-7 a.			0	1	?	0	Snow
									From 2 to 7 inches of new snow fell rapidly over most of western N.Y. causing some school closings and a rash of rush-hour traffic jams and accidents. Some air flights were cancelled.
Central Southern Tier Counties	10				0	0	?	0	Freezing rain
									Freezing rain and sleet fell on top of several inches of snow causing slick roads which resulted in several car and truck accidents. A few schools closed.
	27	5 a. - 2 p.			1	?	?	0	Wind storm
									All of western N.Y. felt effects of a major windstorm. Thousands of homes were without lights due to downed power lines. One youth fell into a ditch with a downed line and was electrocuted in Newfane, Niagara County. Hundreds of trees were felled as were many windows broken. One 75 ft. radio tower fell in Hamburg, Erie County. Many roofs were removed. Six cows were killed when a barn roof fell on them in Canandaigua. A few mobile homes turned over.
	31	10 a. - 3 p.			0	0	5	0	Wind
									Scattered areas of western N.Y. were hit with high winds. Damages included some trees, a few power lines, a mobile home, and a roof to a motel.
NORTH CAROLINA									NONE REPORTED
NORTH DAKOTA									NONE REPORTED
OHIO									
Northern Ohio	9-10	1 a.m. - 1 p.m.						2	Heavy snow, freezing rain
									Six to seven inches of heavy snow fell over northern Ohio with up to ten inches in Richland County. Some areas had a blanket of ice under the snow due to several hours of freezing rain prior to the heavy snow.
Meigs and Gallia Counties	11-12	Afternoon Day						2	Flood
									Heavy rain caused flooding along the Ohio River and its tributaries in Meigs and Gallia counties. Several major and secondary roads were blocked by high water.
Over State	26-27	9:00 p.m. - 1:00 a.m.			0	7	5		Wind
									A line of thunderstorms swept across most of Ohio Saturday night. High winds damaged homes, buildings, mobile homes and downed power lines in many counties. Radio and TV transmitting towers were toppled. Winds frequently gusted to 60 mph and reached 70 mph in Lucas and Mahoning counties. Lightning damaged several buildings. Windows were blown out of homes and office buildings. Three airplanes were damaged at Troy Airport in Miami County. Three persons were injured in Hamilton County, three in Darke County and one person in Montgomery County. Locally heavy rains were reported with a few of the storms. Damage was estimated at \$250,000 not including the tornado at Oceola.
Oceola, Crawford County	26	9:45 p.m.	2	100	0	2	5		Tornado
									A tornado touched down in the center of Oceola and traveled northeastward to about 1 1/2 miles northeast of Oceola. Fifteen homes were severely damaged with preliminary estimates at \$250,000. Two persons received minor injuries as their homes were damaged extensively. Several persons saw the tornado touch down.
OKLAHOMA									
Panhandle	1-2				0	0	0	0	Snow
									A winter storm moving through Arizona and New Mexico brought an additional 3 to 4 inches of snow to the Panhandle in addition to that which had occurred on December 30-31. Snow-packed roads were hazardous.
Southeast Oklahoma	2				0	0	0	0	Sleet and freezing rain
									Sleet and freezing rain developed in southeast Oklahoma as a result of a weather disturbance in the western Gulf of Mexico and caused slick and hazardous roads and surfaces underfoot. Numerous traffic accidents, many involving trucks going off the road, occurred.
Most of State	9-10	a.m., 9th to p.m., 10th			0	?	?	0	Sleet and ice
									Sleet and ice spread eastward across the State on the 9th and 10th causing extremely hazardous driving conditions. Up to 4 inches of sleet and ice accumulated in parts of northwest and north-central Oklahoma. Lesser amounts accumulated in other sections of the State. There were a number of schools closed and several injuries. The injuries were the result of automobile accidents. Utility companies reported to significant problems.
OREGON									
Willamette Valley Columbia Gorge and Portland area	11-12				0	unk	unk	unk	Freezing Rain
									Numerous accidents were reported due to icy streets and walks from a freezing rain storm following an extended period of subfreezing temperatures.
Oregon Coast	14-15				0	unk	unk	unk	Wind Storm
									A Pacific storm moved to the Oregon coast developing winds 75 to 100 MPH, damaging some homes.
Western Oregon	12-16								Heavy Rain
									A series of storms brought heavy rains to all of western Oregon during this period. Rainfall amounts ranged from 3 1/2 inches at Medford to nearly 10 1/2 inches at Eugene and 10 inches at Grants Pass. Eugene recorded 4.06 inches in a 24 hour period ending 5 p.m. PDT January 15.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1974

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		
Western Oregon	13 to 17									Major Flooding Ground was solidly frozen when heavy rains began causing rapid runoff. Freezing levels climbed steadily and ranged from 8000 to 10,000 feet by January 14 & 15 when peak of heavy rain occurred. Combination of high freezing levels and heavy rain caused rapid snow melt and runoff which contributed heavily to flooding on rivers draining mountain areas. This was a record or near record flood for many areas of western Oregon.
Jackson County					2	unk	6,772,700			Two boys attempted to launch a rotten rowboat in flood swollen creek.
Josephine County					0	unk	14,600,000			
Douglas County					1	unk	12,000,000			Resulted from efforts to clear flood debris. Mud slide destroyed Pacific NW Bell building burying 9 employees, Canyonville, Oregon.
Western Oregon Cont'd.					0	unk	2,567,700			
Coos County					0	unk	2,350,000			
Curry County										
										Nine Western Oregon counties were declared Disaster Areas due to flooding: Columbia, Benton, Coos, Douglas, Jackson, Josephine, Marion, Tillamook, and Washington.
										Northwest Oregon \$31,517,700 Total \$63,800,000
Wake, Guam, Truk and Ponape Islands	21-noon to 24-day 24rd				0	0	5	0		High waves
										High waves generated by large storm about 1500 miles northwest of Wake struck Wake and Guam on 21st and 22nd and islands in Ponape and Truk groups on 22nd and 24th. On Wake, coral washed 1000 feet inland onto runway and small beach houses water damaged. Lagoon's water rose to "highest level seen in 20 years." Maximum wave height observed at outer reef 14 feet. On Guam's northern and eastern shores, waves reached 12 feet but no damage reported. In Truk group islands, 7-foot high waves flooded and damaged ocean side sea walls on Onop and Philip islands. Other low-lying islands probably struck also but no reports received. Tide gage at Truk showed unusual activity beginning 5 p.m. of 23rd. Kusafe Island in Ponape group most severely struck. Sea walls destroyed - 1,800 feet length at Walling section, 980 feet at Tefusnak, 567 feet at Lela and 414 feet for \$80,720 estimated cost. Residents used canoes in flooded areas. Ponape Island experienced high waves to 11 feet at outer surrounding reefs but no damage reported. On Mokil, water reached main road 9 feet above sea level. Only minor damage reported. Pingelap reported unusually high tides and no damage.
PENNSYLVANIA EASTERN	2-4	11:00 PM (2) to 7:00 AM (4)			0	>12	4	0		Glaze, snow
										A series of low pressure disturbances moved northeast from the Gulf Coast and off the Carolina Coast. Freezing rain over the Southern half of Eastern Pa. Thursday morning (Jan.3) caused 100 or more automobile accidents and a dozen or more injuries. The precipitation began as snow over northern portions of Eastern Pa. Thursday afternoon and continued into early morning hours Friday. More freezing rain developed in south portions again Thursday evening but changed to snow and continued into Friday morning. Snow accumulation was a trace to 3 inches in the south and 3 to 5 inches in the north. Ice and snow caused falling tree limbs and power outages to thousands. Dozens more traffic accidents occurred in the ice and snow.
	9-10-1	Midnight to 900 AM(9) 400 AM(10) to 800 AM (11)			0	>10	4	0		Snow, Glaze
										Low pressure extended from the Tennessee and Ohio Valleys east across Pennsylvania and moved slowly east. This caused snow Wednesday morning (Jan.9) over all of Eastern Pennsylvania with accumulations of 4 to 8 inches. Snow began again Thursday morning then changed to freezing rain and sleet. As temperatures rose precipitation became rain in most sections Thursday, but a few areas continued with freezing rain or drizzle into Friday morning. Slippery roadways caused numerous automobile accidents and power outages were caused by falling limbs and power lines.
PENNSYLVANIA WESTERN										
Fayette County	11				0	0	?	0		Steady, heavy rain
										Steady, heavy rain caused many streams in the area to rise, resulting in extensive minor damage to numerous roads and some homes.
PUERTO RICO										NONE REPORTED
RHODE ISLAND										NONE REPORTED
SOUTH CAROLINA										
	28	5:30 PM	1 1/2	1/2	0	0	2	0		Windstorm
										7 miles south of Saluda, SC on SC 121 (Saluda CTY)
SOUTH DAKOTA										NONE REPORTED
TENNESSEE										
West and a Portion of Middle Tennessee	2 to 3							6		Ice Storm
										The ice storm covered all counties in West Tennessee and several counties in the northwestern portion of Middle Tennessee. The axis of greatest severity appears to have extended across Shelby County northeastward to Bolivar, Tennessee to Clarksville and Springfield, Tennessee. Official observations showed two inches of ice on the ground at Memphis and one inch at Jackson. Newspapers reported this storm as being the worst in more than 20 years. Total damage estimated to be approximately \$4,500,000. Of this, \$2,000,000 represented damage to trees and shrubs, and the remainder primarily the cost of restoring electric and telephone service. There were 16 traffic deaths attributed to icy streets and highways.
Middle Tennessee, Cheatham, Davidson, Robertson, Dickson, Wilson, Warren, and Montgomery Counties	10				1			5		Flash Flood
										Torrential rains on the 10th averaged from 2.50 to 3.50 inches with a few reports in excess of five inches. Streams overflowed causing considerable property damage. A car was washed from a highway into a ditch and the occupant drowned.
Gruettli, Grundy County	11	6:15 a.						4		Lightning
										Lightning strike caused fire, destroyed one house and contents.
Cleveland, Bradley County	28	11:05 a.						4	5	Wind
										A severe thunderstorm did considerable damage to an apartment complex under construction. In addition, 7 travel trailers damaged, 6 mobile homes destroyed and 9 others damaged, 2 factories in the area had extensive roof damage, also buildings damaged in a shopping center and numerous plate glass windows broken.
Knoxville, Knox County	28	11:15 a.						5		Wind
										Straight-line wind estimated at 60 to 75 mph damaged a number of buildings at a country club, also an apartment complex. One house was heavily damaged.
New Zion, McMinn County	28	11:55 a.						4		Wind
										One mobile home and a late model automobile destroyed. Roof blown off another mobile home. Freight terminal building destroyed.
Greenville, Greene County	28	12:15 p.						1		Wind
										During a thunderstorm a woman was blown 50 feet against a shed and injured.
Bristol, Sullivan County	28	12:38 p.						4		Wind
										Considerable damage to the front entrance of the First Methodist Church. One house trailer heavily damaged. Widespread sign damage in the city.
Newport, Cocke County	28	12:45 p.						2	4	Wind
										A school was damaged by high wind. Two students cut by flying glass from gymnasium windows that were shattered.

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JANUARY 1974

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					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE (continued)									
Valley Forge, Carter County	28	1:00 p.					4		Wind
									Mobile home and truck destroyed. considerable plate glass damage. Two house trailers damaged and
TEXAS EASTERN									
Port Neches, Jefferson County	11	2:30 am			0	0	6	0	Electrical
									Between 2am and 3am thunderstorms produced lightning which struck a large oil storage tank setting off an explosion and spreading fire to five adjacent tanks. Strong winds allowed the resulting fire to burn more than 24 hours. Property lost included six storage tanks and 150,000 barrels of crude oil.
Port Arthur	19	10:05 am							Funnel aloft
									Funnel was observed over the extreme northwest part of the city. It moved north and soon dissipated.
Palacios, Matagorda County	22	12:50 pm							Funnel aloft
									The funnel was observed for a short time to the north of the Palacios Airport.
TEXAS CENTRAL									
Portions of North Central and Northeast Texas	9-13				0	0	5	?	Ice Storm
									Freezing rain which began over much of North Texas on the 9th resulted in a coating of ice over power lines, trees, and many other exposed objects. The heaviest freezing rain fell in a strip from Paris southwest to Greenville to Burleson. Along this zone, extensive damage to power lines as well as telephone and television cables resulted from the icy coating, with the Paris area particularly hard hit. Damage to plants and trees was described as light to moderate, mostly from broken limbs. One half to one inch of rain fell over much of this area from the 9th through the 11th A.M. Damage was estimated near \$100,000 in the Paris area alone. Temperatures reached above freezing over all areas by the 13th.
Temple, Bell County	18	5:45p - 6:00p			0	0	6	0	Hail
									Baseball size hail fell in a thunderstorm over Temple, resulting in moderate damage to numerous homes, commercial and industrial buildings, automobiles, and mobile homes.
Western Anderson County	18	7:30p - 9:30p			0	0	3	0	Heavy Rain
									Heavy rains totaled as much as 5 inches within a 2-hour period. Creeks rose out of their banks in the area, causing several roads to be washed out.
Broadus	19	2:10a - 2:45a	3/4	400	0	2	6	0	Tornado
									A tornado touched down on the shores of San Rayburn Reservoir near Broadus, TX. The tornado destroyed 20 units of the Long Bridge motel, along with boat docks there. About 30 boat trailers and motors were scattered. The Julia Creek store was destroyed. The Rayburn Lodge Restaurant was destroyed along with 20 units of the lodge. Fifteen to twenty mobile homes were overturned or destroyed and power lines were downed throughout the area.
Pine Hill, Rusk County	27	9:30p - 10:00p	?	?	0	1	5	0	Tornado
									A small tornado severely damaged several house trailers and numerous trees were uprooted or toppled. Power lines were downed in the area.
TEXAS WESTERN									
									NONE REPORTED
UTAH									
Cache, Weber, Davis, Salt Lake, Sanpete, Beaver, Sevier, Emery, and Dixie Counties	5	2:00 a - 5:00 p	0	0	0	0	4	0	Heavy snow.
									A heavy winter snowstorm moved from southern Nevada into southern Utah early morning Saturday, and into northern Utah late in the afternoon and evening. Snowfall depths up to 22 inches were recorded over higher passes in southern Utah, with more than 12 inches at Kanab and St. George. Moderate to heavy amounts of 4 to 8 inches were recorded in many northern counties. As traffic was brought to a snarl on many major highways, numerous auto and semi-truck accidents were reported with total damages running between 30 to 40 thousand dollars.
VERMONT									
Statewide	27				0	0	5	0	Wind
									A Springlike southwesterly wind, associated with a deep low pressure over Southern Canada, reached gale force at times Sunday. Central and Southeastern sections were most affected. Numerous cases of fallen power lines and trees and of structural damage were reported. In Berlin, a plane was blown 50 ft. in the air and traveled 100 ft. before crashing into two other parked aircraft.
Statewide	31				0	0	5	0	Wind
									A cold front associated with a deep low pressure over Southern Canada swept rapidly across the State Thursday evening displacing unseasonably warm air. Gale force winds followed. Numerous cases of fallen power lines and trees and of structural damage were reported.
VIRGIN ISLANDS									
									NONE REPORTED
VIRGINIA									
Extreme Southwest	10-11								Flash Flooding
									Days of intermittent rain followed by downpours on January 10-11. Heaviest flooding along the Levisa in Buchanan County at Grundy 12 feet above normal. Flooding of small streams and slides along secondary roads was general in Scott, Dickenson, Wise and Russell Counties.
Bristol in Washington County	28	Afternoon					3		High Winds
									Brief high winds from the northwest at 51 mph and heavy rain occurred early in the afternoon. Trees down, a trailer blown over, church front blown in and numerous bill boards down.
WASHINGTON									
Port Angeles (Clallam Co.); San Juan and Pierce counties	2	AM					5		Winds
									Northeast winds battered exposed waterfront docks in the eastern portions of the Strait of Juan de Fuca and San Juan Islands. Port Angeles had considerable damage to docks from waves. Wind gusts 50 mph or higher blew limbs from trees onto powerlines in three counties. The Liberty ship, Palasana, dug anchor in Commencement bay near Tacoma.
Ellensburg (Kittitas co.)	2	PM					14	4	Blizzard
									A blizzard east of Ellensburg on I-90 caused numerous accidents as visibility was reduced to near zero in blowing snow. Hazard conditions forced closure of freeways south and east of Ellensburg for about 6 hours.
Tacoma (Pierce Co.)	6	AM			2		4		Freeze
									Two persons died of exposure as temperatures dipped to near 21 degrees in downtown Tacoma. Thermometers in outlying areas were in the teens and several water pipes burst. Worst damage occurred in a downtown store where a broken water main flooded the basement floor.
Western	14-15						6		Wind, High Tide, Thaw
									Strong southerly winds swept many parts of western Washington. Wind speeds up to 40 mph were reported on the coast at Cape Disappointment and Cape Flattery. West Clallam County was without power for several hours on the 14th. Other areas hardest hit by power outages were Skagit, Mason and Grays Harbor counties. A combination of unusually high tides and winds caused light to serious damage to the mouth of the Stillaguamish River and around Camano Island. Southerly exposed beaches were battered by logs. Bulkheads in Kitsap Co. were also damaged. A 40-ft. stretch of Burlington Northern railroad bed between Everett and Marysville was washed out. Thawing ground and moderate rains caused some mud slides, road damage in the lowlands, while avalanches were reported in the Cascades.
Snoqualmie Pass	27	1:30 p					2		Avalanche
									Two girls were killed 1 1/2 miles northwest of Alpental Ski Lodge in an avalanche about 500 ft. wide and 300 ft. long. The family group was in an avalanche hazard area.
Lake Chelan, Wenatchee, Leavenworth; Chelan County & Columbia Basin	29	AM & PM					4		Wind and dust
									Strong westerly winds which began the night of the 28th over many parts of the State increased from the Cascades eastward. Hardest hit was the southern end of Lake Chelan where six bathhouses at Granite Falls Marina were destroyed along with several boats. Power poles and lines were downed in Leavenworth and Manson areas. Several structures in Wenatchee, as well as a few in Ephrata and Spokane, were damaged. Soil was dried by the winds and blowing dust was reported from Moses Lake to Spokane during the evening hours and made driving difficult. Wind speeds over 50 mph were reported in several areas. Mission Ridge at the 6800 ft. level recorded wind speeds over 100 mph.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JANUARY 1974

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
WEST VIRGINIA										MARYLAND & D.C.									
Southwest counties	10-12				0	Unk	7	0	Flooding, Flash Flooding	Howard, Carroll, Frederick, Washington, Allegany and Garrett Counties	3	Morning							Freezing Rain
	<p>From January 10 through January 12 river flooding occurred along the following rivers. The Little Kanawha, Guyandotte, Coal, and Tug Fork in West Virginia. The Levisa Fork and Big Sandy in Kentucky, and the Ohio River from Racine Locks to below Greenup Dam. The greatest flooding occurred along the Guyandotte River in Logan and Lincoln counties where record and near record crests were recorded in the lower reaches of the river. At Logan, the crest on the 11th of 30.81 feet fell .20 feet below the level recorded in 1713, making this the third worst flood in Logan's history. The Guyandotte River crested at a record high stage at Branchland, WV on the 12th, when a stage of 44.3 feet was observed. The previous high stage at Branchland occurred in 1907 when the river rose to 44.0 ft.</p>									Garrett, Allegany, Washington, Frederick, Carroll, Howard, Montgomery, Baltimore, Harford and Cecil Counties	9	Morning	Snow began in Western Maryland and spread eastward. Snow was followed by sleet and freezing rain.				Snow 1 to 3 inches Freezing Rain		
Wyoming County	28	1PM			0	0	4	0	High Wind	Charles County	28	6 PM	1	17	0	0	3		Tornado
	<p>High winds associated with a thunderstorm struck the Pineville area, picked up a 12x65 foot trailer home off its foundation flipped it over on its back. Small metal sheds also destroyed when blown against hill.</p>									<p>At Rock Point farm. A black cone-shaped cloud about 50 feet wide moved across two fields in a zig-zag path.</p>									
WISCONSIN																			
			NONE REPORTED																
WYOMING																			
Northern and Eastern portions of State	15	All day			0	1	5	0	Wind										
	<p>Very strong gusty winds caused damage over much of the northern and eastern portions of the state. Reports included damage to roofs, windows, outbuildings and mobile homes. Especially hard hit was the Clark area where one man was injured by a falling tree. Gusts estimated at 100 mph were given as the primary cause of a freight train derailment about 40 miles north-northwest of Cheyenne.</p>																		
Statewide	30	All day			0	1	*5	0	Wind										
	<p>Very strong gusty winds caused damage all over the state to cars, houses, power and phone installations, aircraft, signs, windows, trailers, trucks and equipment. Especially hard hit was the Lander area where damage included the destruction of a hydroponic farm greenhouse and 1300 tomato plants. One man was injured near Clark when the bus he was driving was flipped off the road.</p>																		

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

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of 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.

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