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STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
ALABAMA											
Maxboro Community, and Monroeville, Monroe County	15	3:00 p.			0	0	4	0			Winds
High winds caused scattered damage to houses and buildings, uprooted trees, and knocked down power lines.											
Uriah, Monroe County	20	3:30 a.	1	100	0	1	5	3			Tornado
Tornado moved from west across southern portion of Uriah. Blacksher School had 1 building demolished and 3 others severely damaged. A church nearby had damage and about 8 homes were damaged. Numerous trees in pecan orchard uprooted.											
ALASKA											
None reported											
ARIZONA											
White Mountains	26	All day			0	0	5	0			Rain
Heavy rains which melted several inches of snow cover caused heavy runoff, with considerable damage to roads, bridges and dams. Principal damage was reported at Highway 160 at the Fools Hollow Crossing, the Porter Creek crossing on Porter Mountain Road, Billy Creek, Show Low Lake north of the dam, Clay Springs Road at Cottonwood Wash, Silver Creek east of Taylor, and in a subdivision in the Pinetop area.											
ARKANSAS											
Fort Smith - Sebastian County	14	9:30 p.	2	?	1		5				Tornado
Tornado reported barely touching trees and roof tops. Some downtown buildings severely damaged, trees uprooted and power lines blown down.											
Van Buren - Crawford County	14	9:30 p.						3			Wind
High winds blew down trees, power lines, signs and damaged roofs.											
Springdale - Washington County	14	10:25 p.									Funnel cloud
Funnel cloud reported by public.											
Nashville area - Howard County	14	10:00 p. to 11:00 p.						4			Wind and rain
High wind blew down barns and broiler houses. Some livestock and several thousand chickens were killed.											
Bass Community - Newton County	14	11:00 p.			1	2		4			Wind
High wind destroyed some homes and severely damaged others. One man died after running to neighbors house during storm.											
Harrison, Boone County	14	11:20 p.						4			Wind
High winds damaged a motel and homes and blew down trees and power lines.											
Everton area - Boone County	14	11:30 p.			2			4			Wind
High winds destroyed a mobile home and church building, uprooted trees, blew down power lines.											
Flippin - Cotter area, Marion County	14	11:30 p.	15	* 1/2	8			5			Tornado
Tornado touched down near Flippin and moved northeast to near Cotter completely demolishing several homes, uprooting trees, damaging businesses and power lines.											
Cotter - Midway area, Baxter County	14	11:30 p. to 11:45 p.	15	* 1/2	2			4			Tornado
This was the same tornado that moved from Flippin to Cotter in Marion County. The tornado moved northeastward from Cotter on the county line to Midway. Numerous houses and mobile homes were destroyed.											
England - Lonoke County	15	12:30 a.									Funnel clouds
Two funnel clouds sighted by public moving northeast. Confirmed by Arkansas State Police.											
England - Carlisle area, Lonoke County	15	12:30 a. to 1:00 a.						5			Wind and rain
High winds caused widespread damage across the southern half of Lonoke County. Houses, farm buildings and equipment, mobile homes and a cotton gin were damaged. A large electrical power transmission line was blown down causing widespread power failures over the county.											
Wright Community - Jefferson County	15	12:30 a.						4			Wind
Wind demolished three mobile homes.											
ARKANSAS (continued)											
Stuttgart - Roe area, Monroe County	15	12:30 a.						3	5		Wind
Wind demolished two mobile homes, unroofed houses, broke power line poles and blew down trees.											
Dumas - Kelso area, Desha County	15	12:30 a. to 1:00 a.						2	4		Wind and rain
High wind destroyed two mobile homes and blew down walls and unroofed buildings of an industrial plant.											
Marianna area - Lee County	15	1:00 a.						1	4		Wind
High wind severely damaged several houses and a cotton warehouse.											
Marked Tree - Poinsett County	15	1:20 a.	3 1/2	300				1	5		Tornado
Tornado moved from south to north demolishing small buildings and severely damaging two cotton gins, a school building and several homes.											
CALIFORNIA											
Los Angeles Basin	7-8	7th Afternoon to 8th Forenoon			0	0		5	4		Windstorm and cold temperatures.
Winds up to 50 m.p.h., with stronger gusts in the mountain areas, downed power lines and trees, damaging parked cars and homes. Brush fires were started by arcing power lines and several homes were destroyed. Freezing temperatures which followed the windstorm caused damage to citrus groves and vegetable crops.											
Samoa (JNE Eureka)	12	about 2 p.			0	0		0	0		Windstorm
Local windstorm did some damage to property.											
Southern California	22-28				0	5		4	0		Heavy rains, flooding and mudslides.
Storm totals of 5 to 8 inches southward from Santa Barbara County and the Tehachapi Mountains caused local flooding and landslides. Snow to low elevations in the mountains closed highways into the Los Angeles Basin for several hours on the 27th. Several people were injured in rain-caused accidents.											
Point Sur	25	2:30 p.			0	0		0	0		Waterspouts.
Coast Guard Patrol Boat reported three waterspouts 1 mile west of Point Sur. Largest was about 150 feet in diameter. Waterspouts were moving north at 20 m.p.h. No damage reported.											
Los Angeles International Airport	28	2:30 p.			0	0		0	0		Funnel Cloud aloft.
COLORADO											
El Paso County	23	4:00 a.			0	0		4	0		Wind
High gusty winds caused extensive damage to a housing project under construction at Fort Carson. Other minor damage was reported in nearby areas.											
CONNECTICUT											
Suffield, Enfield, East Windsor, Hartford Co. and Somers, Tolland Co.	25	a.m.			0	0		4	0		Wind
Sustained strong winds with near hurricane force gusts caused severe damage to poles and wires, cutting power to 17,000 customers.											
DELAWARE											
Dover	6-7	p.m.-p.m.									Heavy rain
Unusually heavy one-day rainfall totaling 2.76 inches, the second greatest one-day December rainfall at Dover, caused some local flooding. No damage was reported.											
State	16										Mild temperatures
This was an unusually mild December day as indicated by record high temperatures for this particular date and by the mean daily temperatures of 60°F. or higher at many stations, most unusual for December. The 15th, also unusually warm, was not nearly as warm as this date.											
State											Mild temperatures
For the month as a whole											
December was unusually mild. This was the second warmest December on record at Wilmington and Dover, both long-term stations. Daily temperatures at Wilmington averaged at least ten degrees above normal on as many as sixteen days. Periods with above normal temperatures extended from 6th-17th, from 20th-21st and from 24th-31st.											

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FLORIDA									
Sarasota County	03	day			0	0	5	0	Wind, Rain
	A fast moving cold front pushed southeastward through the Sarasota County area Friday preceded by thunderstorms, strong gusty winds, heavy rain and several tornadoes. Damage in the county was estimated at 500,000 dollars with over half the loss due to the tornadoes reported below. Other damage was due to roofs being ripped off, trees and utility lines downed and some water damage. 3.19 inches of rain was reported at Venice and 2.65 inches at Sarasota. Ten people were injured by the tornadoes described below. There were no deaths nor were any crop losses reported.								
Venice (Sarasota County)	03	10:00 a.	6	100	0	0	4	0	Tornado
	A small funnel cloud touched down in the Country Club Estates Mobile Home Park in downtown Venice causing 4,550 dollars damage, then lifted and moved southeastward. It then touched down in the Venice Isle Mobile Home Park damaging seventeen homes. It then continued eastward doing isolated damage.								
Venice	03	11:00 a.	5	100	0	3	4	0	Tornado
	A tornado touched down on Casey Key causing 50,000 dollars damage, then jumped the bay and traveled northeastward to the Sorrento Shores subdivision near Caspary damaging more than a dozen homes and injuring three people.								
Myakka City (Manatee County)	03	noon	7	100	0	2	4	0	Tornado
	Two persons were injured when a tornado whipped through the home of R. Betzner. The tornado originally touched down four miles southwest of Myakka City destroying two barns and damaging two houses. It then lifted and moved eastward touching down in the vicinity of the Betzner home, three miles east of Myakka City.								
Venice	03	noon	5	50	0	0	4	0	Tornado
	Another squall moving in from the Gulf spawned a tornado which moved across the Venice airport damaging three planes, and into the winter quarters of the Ringling Bros. and Barnum and Bailey Circus collapsing two large tents. Damage to the planes was estimated at fifteen thousand dollars and to the circus at thirty thousand dollars.								
N. Fort Charlotte (Sarasota County)	03	1:45 p.	7	100	0	5	5	0	Tornado
	Five persons constructing a house at Galleton and Coniston were injured when a tornado came in from the west. It jumped U.S. 11 and the Holiday Mobile Homes before slamming into the North Fort Charlotte Golf and Country Club doing one hundred thousand dollars worth of damage.								
12 S West Palm Beach	17	11:48 a.							Funnel aloft
10 NE Bumker (19 ESE Fort Myers)	21	2:30 p.							Funnel aloft
	Several sightings of a funnel cloud between 2:30 p. and 3:15 p.								
10 NE Fort Lauderdale	22	8:55 a.							Waterspout
State	23-24				4	0	5	5	Wind, Rain
	An exceptionally tight pressure gradient brought strong northeasterly winds to the entire state. Sustained winds on Wednesday and Thursday of 20 to 30 m.p.h. with gusts over 40 m.p.h. prevailed through the state for periods longer than 24 hours. The highest gust reported was 58 m.p.h. at Kennedy Space Center. The area hardest hit was along the lower east coast where one to three inches of rain added to the problems. Power and telephone lines were toppled throughout the state, limbs broken from trees and fruit drop noted in the citrus belt. Beach erosion in the Vero Beach area caused the closing of one restaurant and damage to two other buildings. The strong winds blew sand into homes along the east coast beaches and many windows facing the wind were broken. The heavy rain damaged South Dade County tomato fields and the strong winds scarred the fruit. Sticks in the pole bean fields were toppled and there was also some scarring of beans. Waves along the lower east coast reached 15 feet and several boats were destroyed and many others grounded. One of the destroyed craft was valued at 45,000 dollars. Three drownings occurred when boats capsized and a 16 year old boy drowned when he was washed into the sea while photographing breakers. On Florida's West Coast, officials reported that a 13 foot sailboat lost its rigging 50 miles west of Tampa and was drifting. The loss of life due to the drownings and the damage to the ships at sea or beached were not considered in the damage estimates.								
GEORGIA									
North	3				0	2	5	0	Sleet, snow and freezing rain
	A combination of sleet, snow and freezing rain hit the northern half of the State. All roads and most city streets became very hazardous and most north Georgia schools were closed. Many businesses and manufacturing plants were either closed or operated on a reduced scale. Freezing rain was limited to a few counties in central sections where damage to trees and wires was moderate. Sleet covered the ground as far south as Macon and Augusta and up to 3 inches fell in the Athens area. The accumulation of ice caused numerous chicken houses, carports and sheds to collapse.								
GEORGIA (continued)									
Coastal Area	3				0	0	5	0	Wind and rain and tides
	Two people were hurt in Oglethorpe County when their carport fell on them. Hundreds of auto accidents occurred on slippery streets and highways and falls on the ice caused numerous bruises. Mostly snow occurred in the northeast corner of the State with some accumulations of 7 to 8 inches.								
Southwest	20-21				0	0	5	0	Heavy rains
	A low pressure center moving from the Gulf across north Florida brought heavy rains, strong east and northeast winds and unusually high tides to coastal Georgia. Flooding and beach damage occurred on Saint Simons and Jekyll Islands near Brunswick. Very heavy damage occurred at Savannah Beach where a large section of the sea wall was washed out and several streets were undermined. Numerous houses and automobiles were damaged by high water.								
	From 4 to 6 inches of rain over several southwest Georgia Counties caused heavy damage to roads and streets. Several bridges were washed out or undermined and a number of houses were damaged by high water. Hardest hit were parts of Mitchell, Colquitt, Thomas and Tift Counties but several other areas had some damage.								
HAWAII									
1/2 mile E, Hilo coast, Hawaii Island	13	10:20 a.-10:30 a.							Waterspout
	Dark grey cone-shaped waterspout intermittently touching ocean surface from dark cumulus cloud with ragged base estimated at 1,700 feet, moved northwest and dissipated before striking land. Overcast sky and heavy showers in vicinity.								
Kaunakani, Kauai	18	2:00 p.	2	1/2 100					Waterspout-tornado
	Tornado, probably initially a waterspout, moved north northeastward through fields of the Olokele Sugar Company during thunderstorm and heavy rain. Damage to sugar cane and flumes negligible.								
2 miles E, Lihue Airport, Kauai	18	2:50 p.-2:55 p.							Funnel Cloud
	Funnel cloud, rotating counterclockwise about 500 feet above ocean surface but with no visible connection with overlying cumulus overcast with base at 1,200 feet, moved westward but dissipated before reaching land. Thunderstorms and heavy rain in vicinity.								
Kealia, Kauai	18	3:30 p.							Hail
	During thunderstorm, hailstones the size of "marbles" and "up to half an inch in diameter and two inches long", very unusually large for Hawaii, were alleged to have occurred. No damage was reported.								
Kaunakani, Kauai	31	between 11:00 a. and 11:30 a.	2						Waterspout-tornado
	Tornado, probably initially a waterspout, touching down half a mile west of where tornado of the 18th struck, moved northeast through fields of the Olokele Sugar Company during thunderstorm and rain. Damage to sugar cane negligible.								
Sacred Falls, Punaluu Oahu	31	between 1:00 p. and 2:00 p.			2	2			Flash Flood
	A group of people attempting to cross Kaluanui Stream already rain-swollen to the height of "a man's shoulder" was swept downstream when the water surged higher and the guide rope broke, carrying to their deaths a young girl and a woman who attempted to rescue her. A man suffered two broken toes and a boy bruises and contusions. The nearest recording rain gage two miles north of the site measured 1.35 inches between 8:00 a. and 9:00 a. and .39 inch between 1:30 p. and 2:30 p.								
IDAHO									
Southern and Eastern Idaho	5-6	p.m. and a.m.			0	12	4		Wind and Snow
	Strong gusty winds 5th and 6th toppled a large cable vision station and overturned a 65-foot mobile home on a bridge south central Idaho. Near blizzard conditions developed on highways with snow. Snowfall ranged from 4 inches at Idaho Falls to 2 feet at Island Park Dam. A number of highways were closed in mountainous areas. At least 26 automobile accidents occurred, without fatalities but with a dozen injuries.								
North of Salmon River	8-9	p.m. thru a.m. 10th.			0		3		Snow
	A snowstorm classed as severe taxed all facilities to keep roads open but to no avail in some places. Many schools were closed on 9th. Snow caused virtual havoc with all transportation. Gusty winds contributed to road closings. A number of power outages were reported. Snow continued into the 10th to bring depths to 20 inches and more along the west slopes of the Bitterroot Range.								

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IDAHO (continued)									
Southern and Eastern Idaho	8-9	p.m. and a.m.			0	3			Wind and Snow
									High winds and drifting snow closed roads; schools, downed power lines, stranding livestock and causing a number of highway accidents. Snowfall for the storm ranged from 2 inches west to 12 inches at Dubois northeast with drifts exceeding 4 feet.
East Oneida County	12	Night			0	0	?		Wind and Snow
									Heavy snow and winds to 40 m.p.h. cut visibility and produced drifts to 4 feet forcing closure of U.S. 191 Interstate and 15 in Oneida County.
40 miles south, Grandview, Owyhee County	13	Night			0	0	1		Snow
									A snowstorm closed the road behind Owyhee men on a cattle roundup. Stranded men were spotted from the air on the 16th.
Idaho County	15	a.m. and p.m.			0	0	?		Wind and Snow
									High winds and heavy snow kept U.S. highway east of Lowman closed and closed other routes closing schools and stalling traffic.
Eastern Idaho	14	p.m.			0	0	?		Wind and Snow
									Winds in excess of 50 m.p.h. with heavy snow closed most highways, airports and caused many schools to close. Visibility was near zero at Pocatello and Idaho Falls. All Madison and Fremont County schools closed. Idaho Falls had measured snowfall on 12 of the past 14 days. Island Park had a snow depth of 4 feet. Watermaster for area reports snow depths at key points now surpass the record depths for the date a year ago.
Southwest Idaho	29	p.m.			0	3	?		Snow
									Light morning snow melted during the afternoon and then froze in places as much as 1 inch thick. Snow then started falling heavy at about 6 p.m. When the storm was over, more than 60 accidents were reported. Bogus Basin road north of Boise was closed to all skiers at 7:45 p.m. stranding some.
ILLINOIS									
Illinois, central and southern	10	am.	?	?	0	?	4	0	Wind
									A deep low pressure center crossed Central Illinois to Lake Michigan. High winds and heavy rain damaged roofs, windows, antennas, and utility lines in widespread localities. Several mobile homes were blown over.
Champaign	10	5 a.	0.1	30	0	0	5	0	Tornado, wind
									Numerous structures were hit by "straight" winds but a tornado cloud was seen to touch University Ford Sales. Direction of travel was from the southwest to the northeast.
Charleston(Coles and Douglas Counties)	15	5:05 a.	12	350	0	24	5	0	Tornado
									Eighty percent of homes in Bushton, 15 mobile homes, and a dozen farmsteads were damaged or destroyed. Some mobile homes almost disintegrated as small pieces were widely scattered. Path of damage was northeastward from three miles northwest of Charleston. Separating wind damage from tornado damage was confounding with the speculation that more than one vortex was present. Reports of roaring sounds were numerous.
Illinois, central and southern	15	am.	?	?	0	40	6	3	Wind, rain
									A deep cyclonic low passed from the southeast to the northeast through the center of the State creating winds often measured from 50 to 80 miles an hour and rainfall of 2 to 3 inches in the western part of the State. The cyclonic winds struck in hundreds of places as measured by newspaper reports from Cairo to Chicago and from St. Louis to Champaign. Between 50 and 100 mobile trailer homes were overturned or destroyed. Many roofs and windows did not withstand the force of the winds. Trees and the wind broke utility lines. Cars and houses were crushed by falling trees and branches. Trailers were often tumbled and resulting destruction appeared to come from a tornado. Often virga, rain falling out of a cloud, gave the appearance of a funnel. Several schools were closed as winds lifted roofs and rain soaked the interiors of these buildings. There were no deaths but injuries from flying debris were numerous.
Jerseyville	15	5:30 a.			0	0	0	0	Funnel
INDIANA									
Indiana	10	9:45a.-3:30p.	Statewide		2	11	5	0	Funnels (3), wind
									Heavy thunderstorms passed through the entire state causing two deaths, several injuries and much property damage. Between 9:45a. and Noon, Evansville reported window breakage, damage to roofs of homes and one school. Six injuries were reported in the city. At Dress Memorial Airport one small plane was demolished, another damaged and the roof was torn from a hangar. Three mobile homes were overturned at Newburgh in Harrison County. A small girl was killed at Terre Haute about 10:45a. when a falling tree limb crashed through the windshield of the car in which she was riding. About 11:00 a, a garage and trees were damaged at Princeton in

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INDIANA (continued)									
									Gibson County. A funnel cloud was reported at Switz City (Greene County) and a tool shed and T.V. antenna were destroyed about 11:30a.m. Clay City (Clay County) reported house roof damage and a school roof was damaged at Odon (Greene County). A funnel cloud was sighted near Brazil at 12:00N. and scattered wind damage was reported in rural areas from Brazil (Clay County) to Plainfield (Hendricks County) and in Putnam County from Cloverdale to Roachdale. Two miles east of Crawfordsville (Montgomery County), a warehouse was unroofed and the front wall blown out at 12:15p. At Brooklyn (Morgan County) the roof was blown from a house and near Franklin (Johnson County) a towed house trailer was blown over at about the same time (12:30p.). Three small airplanes were upsat at Monroe County Airport. Winds reaching 61 miles per hour were recorded at Weir Cook Airport in Indianapolis. Shingles were blown from homes and roof and tree damage reports came from several parts of the city between 12:37p. and 3:30p. Two construction workers were injured near Keystone and 116th Streets. A Parks Department employee was also injured. Greenfield (Hancock County) reported radio tower downed and roof damage. At 1:00p. a construction worker was injured at Noblesville (Hamilton County) when hit by wind-blown sheet of plywood. At Lewisville (Henry County) 20% of the high school gymnasium roof was ripped off. A newly constructed chimney on a farm home was toppled near Rushville (Rush County) causing roof and window damage. A funnel was sighted at Hedkey (Jay County) at 1:30p. about the same time as damage occurred to a house and lumber yard. Also about the same hour, reports were made of roof damage to the Hartford City High School and in the business section of Portland (Jay County) and at the Jay County Fairground. Randolph County Sheriff reported a semi-trailer blown over shortly before 2:00p. Some smaller trailers were also overturned. At Winchester a Drive-In Bank was damaged and several cars were damaged by debris from roofs of buildings in a shopping center. Two barns near Winchester were damaged. In Fayette County tree and power line damage occurred in Connersville and Richmond areas about 2:00p. Other areas reporting minor wind damage in the eastern part of the state were Lynn, New Castle, Milton, Cambridge City, E. Germantown, Fountain City and Springdale. At Manchester (Dearborn County) a man was killed when the roof he was repairing was struck by high wind. One man was hospitalized as a result of injuries when, at 2:00 p.m., a storm blew windows from the 26th floor of a bank building in Ft. Wayne. Also 7,500 sq. ft. of roofing was torn from a school auditorium. LaGrange County reported damage to the Courthouse roof and the overturning of two towed mobile homes.
Evansville area	15	6:00a.-6:15a.	?	?	0	0	5	0	Wind
									Damage in the Evansville area estimated to total over \$100,000. Debris from farm buildings on two farms near Hauptstadt, 15 miles north of Evansville, indicated winds of 80 to 100 miles per hour.
Francesville (Pulaski County)	15	7:35a.	?	?	0	0	4	0	Wind
									Shed at edge of mobile home park destroyed and some of house trailers overturned.
Indiana (Scattered areas)	15	?	?	?	0	2	4	0	Wind
									Some roof, window and tree damage reported in Indianapolis. In Jackson County a hardware storage building was destroyed at Seymour and the library roof was damaged at Crothersville. In South Bend a girl was injured when struck by a truck door which was blown open by the wind. A woman was injured when "boiled over" as she walked along a Ft. Wayne street.
IOWA									
Des Moines County and surrounding localities	15	6:00 a			0	0	5	0	Windstorm
									Winds to about 75 miles per hour.
KANSAS									
Woodson County	14	eve			0	0	4	0	Lightning
									A lightning-caused fire destroyed a barn and contents 1 1/2 mi. NE of Yates Center.
KENTUCKY									
Simpson County	10	Mid-morning							Funnel cloud aloft
									A funnel was reported in the area of the I-65 and Ky. 100 interchange.
Franklin County	10								Funnel cloud aloft
									A funnel cloud was reported 3 miles east of Frankfort moving eastward at 45 m.p.h.
State	10				0	14	5	0	Wind
									There were numerous thunderstorms, and high winds were responsible for a number of injuries and for widespread property damage, most of the injuries and the heaviest damage occurring in the western part of the State. News reports indicated: several hundred roofs damaged; a number of farm buildings damaged or destroyed; a number of mobile homes damaged or destroyed; many trees damaged or destroyed; utility lines downed and power outages; TV antennas damaged; miscellaneous damage. A tally of injuries

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KENTUCKY (continued)										
										<p>from news reports indicated injuries in the counties of: Union (4); Caldwell (2); Trigg (1); Henderson (6); Christian (1). A number of these injuries were reported to have been to occupants of mobile homes. News reports tallied indicated more than two dozen mobile homes damaged or destroyed in the counties of: Ballard (1); Hickman (1); Fulton (2); McCracken (1); Livingston (2); Marshall (1); Union (1); Trigg (1); Henderson (2); Webster (several); Hopkins (1); Daviess (2); McLean (2); Ohio (3); Muhlenberg (2); Jefferson (1); Boyd (1). In Fayette County a small van was blown off a highway and onto a median where it overturned, but with no injuries. Dollar damage was estimated to total several hundred thousand dollars; some of the larger estimates being: Union County, \$200,000; Kenton County, \$25,000. Some of the higher wind speeds reported in news clippings and from Weather Service Offices were: 40-65 mph, estimated, Union County; 67 mph, Barkley Field, Paducah, 8:05 a.m.; estimated 50-60 mph, Graves County, 9:13 a.m.; 63 mph, Weather Service Office, Cairo, Ill, 8:10 a.m., one-minute wind speed; 50 mph, Christian County; 63 mph, Bowling Green, 11:22 a.m.; 65 mph, "clocked", 9 a.m., Webster County; 58 mph, in gusts, Weather Service Office, Louisville; 53 mph, Somerset; 75 mph, 10 a.m. or 10:25 a.m., Owensboro-Daviess County Airport.</p>
Warren County	15	8:30 a.	116**	26	0	0	3	0		Waterspout-tornado
										<p>A witness stated that a funnel-shaped cloud touched down at the Beech Bend Park, about 4 miles northeast of Bowling Green, moving from the northeast to the southwest. The witness estimated the wind speed in the funnel very roughly at about 80 mph.; stated that the funnel bounced up and down, first hitting the surface of a lake to the north of Park and forming a waterspout ("water splashing upward") and then bouncing upward to come down again when it removed a portion of a Park covered walkway causing about \$3,000 damage; then moving southeastward, to a higher elevation, an edge of the funnel touching a station wagon in which the witness was sitting rocking it momentarily and causing it to lean over on only two wheels, moving the car 15 feet to the right. This action occurred within an estimated 2-3 minutes, strong winds preceding and following the funnel touchdowns.</p>
Clark County	15	Morning								Funnel cloud aloft
										<p>Resident of a trailer court in the Winchester area reported seeing a funnel cloud.</p>
State	15				0	1	5	0		Wind
										<p>There were strong winds Statewide and numerous thunderstorms, and reports of wind damage from scattered locations over the State. In Graves County, a drive-in theater screen was heavily damaged. At about 6:15 a.m. in Hopkins County a mobile home was moved off its foundation and another mobile home was overturned while being towed. In Monroe County a barn was downed. In Metcalfe County about 8:15 a.m. wind demolished a mobile home. In Boyle County a large hay barn was downed. In Fayette County a person was injured when blown down a flight of steps on the University of Kentucky Campus, and a University of Kentucky building was partially unroofed. Utility lines were downed in Harrison County. In Mason County a television tower was downed, damage estimated at \$55,000. In Laurel County in London a 51 mph. wind was reported at 10:45 a.m.; a warehouse roof was damaged. In Clark County wind blew the roof off a mobile home. There was damage to trees over the State.</p>
Henderson County	15	3:30 a.	?	?	0	0	4	0		Tornado
										<p>Two miles west of Smith Mills a large barn and several outbuildings were destroyed along a narrow path. Several wagons loaded with grain were untouched and 55 hogs kept in the barn were unharmed.</p>
Graves and Marshall Counties	15	3:50 a.	10	?	0	0	4	0		Tornado
										<p>The storm apparently moving along a skipping path in a northeasterly direction heavily damaged a grocery store building and contents at Kaler in northeast Graves County. A witness stated that a ball of fire shot up from the store building, and that the noise of the storm, which came from the southwest, "was like a train". A milling company in Kaler lost a roof, as did the grocery building in Kaler. To the northeast in the Symonia community, a hay barn was demolished, as was an outbuilding and part of another barn. Further to the northeast in the Palma community, Marshall County, a mobile home was demolished. A neighbor living across the road from the mobile home described the wind and flying debris as a "big red ball". Indications were that the same storm probably was responsible for damage at the three locations noted; news accounts did not indicate a continuous path of the storm, but occasional touchdowns.</p>
McCracken County	15	3:40 a.	4	10	0	0	4	0		Tornado
										<p>The storm moving northeastward cut a narrow swath from the vicinity of a farm just off U.S. 45 south of Lone Oak on the west side of the highway to a residence on Yopp Lane on the east side of U.S. 45. After demolishing a barn on the farm, the storm downed a chimney of the residence, then cut a 30-foot-wide swath through a stand of woods where it uprooted trees and then removed a portion of the roof of another residence. Roofing from the barn was found one mile northeast of the barn site. Another residence about 2 miles further, on the east side of U.S. 45, was damaged by the storm. The path of the storm could be traced along its four-mile length by uprooted trees and fallen limbs; empty fields lay between most points of tornado damage to property.</p>

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)										
State	30				0	0	4	0		Wind
										<p>High winds were responsible for damage at scattered locations, damage generally minor. In Owen County the steeple was blown off a church. In Jefferson County there was miscellaneous damage; a tree damaged a building in a park, and at a building site an unfinished concrete block wall 25 feet high and 100 feet long was blown down.</p>
LOUISIANA										
Vermillion Parish	5	5:30p.			0	3	3	0		Wind
										<p>Several house trailers moved around at Forked Island.</p>
Lafourche Parish	6	10:15a.	3	25	0	0	3	0		Tornado
										<p>Small storm damaged bagasse stacks at sugar mill near Leighton and destroyed a garage on La. 308, about 2 miles north of Thibodaux. Path not continuous, movement southwest to northeast- damage minor.</p>
Orleans Parish	6	1:30p.			0	0	4	0		Tornado
										<p>Small twister hit in Gentilly section of New Orleans, knocked one house from foundation, ripped off garage roof, knocked down another garage and a shed.</p>
Orleans Parish	6	1:30p.			0	0	3	0		Wind
										<p>Sudden wind gust shattered 30 to 40 automobile windows at Michoud Assembly Facility, eastern portion of New Orleans.</p>
Southern half of State					0	0	?	?		Flooding
										<p>A week of rain, culminating in heavy deluges on December 5 and 6 ranging from near 5 to more than 10 inches within 24 hours over extensive areas, resulted in stream flooding on all Louisiana Gulf drainage streams and overland inundation of broad sections of the prairie region of southwest Louisiana. Water entered numerous homes in scattered areas. Considerable loss of pasturage for grazing, disruption of trapping and hunting resulted from the flat coastal area remaining under water for a prolonged period.</p>
MAINE										
State	25	a.m.			0	0	4	0		Wind
										<p>Strong gusty winds caused mostly minor damage to structures and blew down limbs and trees. An auto was smashed at Old Orchard Beach by a falling tree. Outdoor Christmas decorations damaged.</p>
State	30	p.m.			1	0	4	0		Wind
										<p>Strong wind caused scattered damage. A falling tree killed one person at Weld. Rumford reported gusts to 65 m.p.h.</p>
MARYLAND										
Eastern portion	10	a.m.								Fog
										<p>Heavy fog interrupted air travel and slowed highway and water traffic.</p>
State and District of Columbia	16									Mild temperatures
										<p>This was an unusually mild December day as indicated by record high temperatures for this date at Baltimore and Washington, D.C. and by the mean daily temperatures of 60°F. or higher at many stations in the eastern portion, most unusual for December.</p>
State	18	a.m.			0	0	5	0		Wind
										<p>Strong northwesterly winds, with gusts, 50 m.p.h. and higher, downed trees and power lines, broke store windows and tore down signs. It was especially damaging to the oyster industry on Eastern Shore. A number of oyster boats moored at Tilghman Island suffered costly damage; four patten tong boats valued at \$40,000 sank in the Choptank River after being torn from their moorings in Knapps Narrows; and five oyster dredge boats also snatched from their moorings in the Narrows suffered damage ranging from light to heavy. At least one building under construction was damaged.</p>
Eastern portion	21	a.m.								Fog
										<p>Heavy fog interrupted air travel and slowed down highway and water traffic.</p>
Hagerstown area	30	p.m.			0	0	4	0		Wind
										<p>Minor damage resulted from strong winds, reported as much as 60 m.p.h. at the Municipal Airport.</p>
State and District of Columbia										Mild temperatures
										<p>For the month as a whole</p>
										<p>December's temperatures were unusually mild. This was the second warmest December on record at the National Weather Service first-order stations at Baltimore and Washington, D.C. where also daily temperatures averaged at least ten degrees above normal on as many as 17 or 18 days. It was the warmest December on record for long-term National Weather Service cooperative stations in the eastern portion, such as Annapolis, Cambridge and Salisbury. Daily temperatures were above normal from 6th-17th, from 20th-21st, and from 24th-31st.</p>

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1971

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		
MASSACHUSETTS										
State	6-7				0	0	0	0		Glaze
Extreme eastern	18	a.m.			0	0	4	0		Snow, wind, thunder
Eastern	20	p.m.			0	0	0	0		Glaze
Western	22	Early a.m.			0	0	4	0		Wind
State	25	a.m.			0	1	5	0		Wind
State	30				0	0	0	0		Lightning, snow, sleet, glaze
MICHIGAN										
Southern Lower Michigan	10	pm			0	5	5	0		Wind
Southern Lower Michigan	15	am pm			1	4	5	0		Wind
Southern Lower Michigan	30	pm			0	0	4	0		Wind
MINNESOTA										
North Central and Northeast Districts	14-15				0	0	0	0		Heavy snow
Line From West Central Thru East Central Part of State	18	4:00 a intermit-tent to 10:00 p			0	0	0	0		Heavy snow
Area From South Central Thru East Central	27	1:00 a to 1:00 p			0	0	?	0		Heavy snow
MINNESOTA (continued)										
Southern Part of State	29-30	9:00 p to 10:00 a			0	0	?	0		Heavy snow
MISSISSIPPI										
See Data at end of table.										
MISSOURI										
Southeastern Third of State	9-10	11:00 P - 9:00 a.			2	5	6			Thunderstorm Winds and Rain
Malden, Dunklin County	10	7:00 a.			0	0	5			Thunderstorm, Winds
St. Marys, Sainte Genevieve County	10	Morning				1	2			Thunderstorm Winds
Doniphan, Ripley County	10	7:30 a.			2		3			Wind
Oglesville, Butler County	10	7:45 a.					2			Winds
Farmington, St. Francois County	10	Morning				2	4			Winds
Illmo, Scott County	10	Morning				2	3			Wind
El Dorado Springs, Cedar County	14	7:00 p.					4			Hail
Central and Southern Missouri	14-15	9:00 P - 4:00 a.					7			Thunderstorms, Wind, Tornadoes
McDonald-Newton Counties	14	10:00 P - 10:30 P - intermittent			25	100		3	5	Tornado

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1971

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)										
										uninjured), portion of brick wall collapsed by winds on town hall at Perry, Wyoming County, auto storage shed demolished at Dansville, Livingston County and small car blown off NYS Thruway near Geneva and driver injured in crash. In northern valleys of State a home had second story heavily damaged by fallen limb in Watertown, large ocean freighter blown aground in St. Lawrence River near Ogdensburg and man killed in Plattsburgh when struck by wind-blown tree limb. Power failures extensive across Great Lakes plain to Oneida, Lewis and Jefferson Counties. Winds somewhat diminished in southern tier and Hudson Valleys with damage limited to downed trees, limbs and power lines. On Staten Island the steel framework of sports arena under construction was collapsed by winds.
Western	15	p.m.			5	5				Wind
										Abrupt change in air masses and temperature conditions was accompanied by very high winds over much of State. Strongest winds and property damage were concentrated in western counties near the Great Lakes where airport stations at Buffalo and Niagara Falls measured gusts of 70 mph. Outdoor movie screen demolished, one supermarket lost roof and another supermarket had large front window smashed in Lockport area. Steel storage shed, 20 x 20, overturned and rolled 400 feet by wind in Newfane and mobile home blown over in Niagara Falls area. At Batavia, Genesee County, three large home and/or storage trailers overturned, one was demolished, another fell on and damaged two automobiles. Two mobile homes were demolished at Hamlin, Monroe County in one of which three persons narrowly escaped injury. Home partially unroofed at Hamletta, Monroe County. Man seriously injured in Buffalo when struck by windblown display sign. Four persons injured in crash of two autos as large tree toppled across highway during approach of vehicles from opposite direction at Sinclairville, Chautauque County. Breakage of trees and limbs as well as power failures widespread in western half of State. Diminished winds of 30 to 45 mph ranged over northern and eastern sections of State during night of 15-16th but damage minor.
Hudson Valley	21-25	night					4			Wind
										Very strong, damaging winds raked wide areas of State for the third time in a two-week period. Property damage on this occasion was largely concentrated in the Hudson Valley region where the National Weather Service office at Albany airport observed winds gusts up to 60 mph. Three unoccupied mobile homes at sales lot in Middletown, Orange County were overturned and broken up. Small storage shed blown 150 feet and contents scattered over wide area in residential area of Rotterdam, Schenectady County. Power failures and damage to trees and limbs widespread from Greater Albany area south to Dutchess and Ulster Counties.
State (except extreme southeast)	30	all day								Snow, sleet, freezing rain
										Well-developed storm system moving eastward with the center near southern border of State produced a variety of precipitation. Beginning as snow, precipitation changed to sleet, freezing rain and mostly rain across southern half. Main phase of ice occurring from Lake Erie across Southern Plateau to Hudson Valley caused hazardous highway conditions for a few hours. Snow yields mostly 2 to 5 inches in Finger Lakes, Southern Plateau and lower half of Hudson Valley but increasing to 6 to 9 inches along Lake Ontario to St. Lawrence Valley, where in latter region precipitation was mostly snow. Heaviest snowfall from storm in northeast quarter with 10 to 14 inches in southeastern Adirondacks and 8 to 10 inches Champlain and upper Hudson Valleys. Deep snow plus some drifting made highway travel very difficult in northeastern quarter with secondary roads impassable. A six-car multiple accident on Northway near Lake George sent several persons to hospital. In Long Island and extreme southeast upstate precipitation occurred largely as rain with storm totals ranging from 0.1 to 0.5 inch.
NORTH CAROLINA										
State	3						5	4		Snow, sleet, glaze
										Early season snowstorm brought near-record amounts of one to two feet in Mountains, 3-12 inches over most of the Piedmont, and some snow or sleet all the way to the coast at Wilmington. Many awnings and sheds down due to weight of ice and snow. Schools closed. Hundreds of weather-related traffic accidents and tie-ups, with six deaths and many injuries.
Southern Mountains	5-7						4	4		Rain
										Rain up to six inches in two to three days hastened melting of heavy snow cover and caused flash-flooding of small streams and some mainstream flooding on the French Broad River. Some erosion damage to roads and fields. Evacuation of people and livestock necessary some low areas.
Mountains; Coastal Waters	18	Early morning			6	1	5	0		Wind, electrical
										Inland high pressure swept eastward across State in wake of low pressure storm "winding up" offshore to northeast. Winds with gusts to 50-70 miles per hour damaged roofs and gables of homes, business and public buildings several Mountain communities. On the coast, a tug sank in Albemarle Sound with six crewmen lost and one requiring hospitalization after rescue. Also a 35 foot fishing vessel sank; crew of five quickly rescued. Several lesser boats lost or damaged. Power interruptions several areas as scattered thunderstorms occurred with frontal passage.
NORTH DAKOTA										
										None reported
OHIO										
Entire State	10	Most of Day			1	13+	6			Wind and rain
										High winds downed trees and utility lines, overturned trailers, and caused widespread property damage over most of the state. Wind speeds of 77 mph were recorded in Dayton, 75 mph in Sandusky, and 63 mph in Cincinnati. The windstorm was accompanied by record breaking warm temperatures (upper 60's-lower 70's) and rain. Injuries were caused by flying glass, falling tree limbs, and falling parts of buildings. The one death resulted when an automobile was blown off the road. The weather condition was caused by a low pressure area which moved through the state.
Entire State	15	Most of Day			1	35+	6			Wind and rain
										For the second time in less than a week strong winds hit Ohio. Damage to property was widespread. At the Cleveland Hopkins Airport wind speeds of 71 mph were recorded; Mansfield Airport recorded 70 mph winds. Record high temperatures (upper 60's) and rain accompanied the windstorm. Injuries resulted from falling trees, flying glass, and falling building structures. The one death was caused by a concrete block wall which was blown over on a man. A low pressure area which was moving through Ohio caused the strong winds.
Entire State	30	Most of Day			0	4+	5			Wind and rain
										For the third time in December a major windstorm struck Ohio. A low pressure area moving through Ohio brought the strong winds which were recorded at 62 mph at the Akron-Canton Airport. Rainfall amounts of greater than one inch fell in parts of the state causing some flood damage. Temperatures in the low 60's were reported in most of the state. Injuries resulting from flying glass, falling trees and building structures, and flying objects were reported.
OKLAHOMA										
Western Half of State	1-2	a.m., 1st - P.m., 2nd			0	0	0	0		Snowfall
										Snowfall ranged from 2 to 12 inches. The heaviest snowfall occurred in Beckham, Roger Mills, Dewey, Elaine, Custer and Harmon Counties where accumulations were 8 to 12 inches. A number of roads were closed, several schools closed and several airline flights out of Oklahoma City were canceled.
Southeast Oklahoma	8-11	P.m., 8th - P.m., 11th			0	0	7	0		Heavy rain, flooding
										Heavy rain caused extensive flooding which resulted in damage to homes, farms, small businesses, roads and bridges, sanitation systems and sewers. A large number of livestock were drowned in the floods. The heaviest rains occurred in an area from eastern Choctaw County across northern McCurtain County into extreme southern LeFlore County. More than 10 inches of rain fell in a 24-hour period ending the morning of December 10th. At Bear Mountain Tower weather station of the State Forestry Division, rainfall for the 24-hour period ending at 7 a.m. on the 10th was 11.24 inches. In the past 31 years, the greatest previous 24-hour rainfall at Bear Mountain Tower had been 7.53 inches.
Payne County	14	6:00p.-7:00p.			0	0	3	0		Wind
										Straight wind moved three mobile homes off their foundations 3 miles east of Stillwater. A metal barn was destroyed and a porch blown off of a house at Cushing.
Marietta area, Love County	14	6:00p.-8:30p.			0	0	4	0		Tornado, wind
										A tornado was first sighted aloft at 6:00 p.m. 1 mile west of Marietta from where it moved in a north-northeast direction before striking the ground approximately 6 miles north of Marietta. Two or three roofs of houses were damaged or destroyed, one metal barn was completely destroyed and three others damaged and one large metal cattle feeder was destroyed. The path of the tornado was approximately 6 miles in length by 150 yards in width. Straight wind estimated at 65 to 75 m.p.h. damaged trees, carports and windows in Marietta.
Atoka County	14	About 8:00p.			0	1	?	0		Wind
										Strong straight wind caused considerable damage to homes, barns, trees and utility lines in the Atoka, Caney and Daisy areas. One man was injured slightly at Atoka when his mobile home was overturned.

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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	
OKLAHOMA (continued)									
Valliant and Wright City area, McCurtain County	14	8:30p.	8	200	0	0	4	0	Tornado
A tornado touched down first 2 miles south of Valliant causing some property damage. A fishing boat was trapped around a utility pole. The tornado next touched down 2 miles southwest of Wright City where it broke off several large trees. Next, the tornado leveled the Little River Drive-In Theater southwest of Wright City. A man who lives near the theater reported hearing a roaring sound and saw the screen of the theater "just disappear". The tornado lifted and for the last time came to the ground 2 1/2 miles north-east of the theater where little damage was done.									
Pittsburg County	14	8:50p.-9:00p.			0	0	7	0	Wind
Considerable damage occurred in the Blanco area due to strong wind. Damage consisted mostly of roof damage and to fallen utility lines and to trees. Gusts to 58 m.p.h. were observed at McAlester Flight Service Station at 8:52 p.m.									
7 SE Bufaula, Pittsburg County	14	8:40p.	**200	75	0	0	5	0	Tornado
A tornado struck the Pixie Wood Resort on Lake Bufaula damaging or destroying 11 mobile homes, downing power and telephone lines, damaging a combination grocery and service station and flipping a tractor on its back.									
LeFlore and Sequoyah Counties	14	About 9:30p.			0	0	?	0	Tornado, wind
A tornado touched down briefly in LeFlore County near Kerr Dam. An Oklahoma Highway Patrol trooper spotted the tornado. There was considerable property damage in LeFlore and Sequoyah Counties due to straight wind. The damage in any one locality was mostly minor.									
Osage, Tulsa, Nowata, Rogers and Wagoner Counties	14	Night			0	0	?	0	Heavy rain, flooding
Heavy rains of up to more than 3 inches caused minor flooding on Bird and Polecat Creeks and on the Caney River. Although a few families were evacuated from their homes, there was no loss of life and property damage was minor.									
SWW Ada, Pontotoc County	29	8:45p.			0	0	3	0	Wind
Straight wind, estimated at 70 m.p.h., unroofed a house, blew the porch off the house and damaged a barn.									
OREGON									
Richland near, Baker County	5	Evening			1	0	0	0	Fog and Wind
One teenage boy became separated from his two companions during a chukar hunting trip on the wind-swept slopes of the Snake River Canyon above Richland. Caught in darkness and fog, the 14-year-old boy struggled through more than a foot of snow on the steep slopes of Park Creek Canyon. Death cause was confirmed as exposure and exhaustion as temperatures lowered into the middle 20's and high winds swept the open ridges where he was blown off his feet.									
Baker and Union Counties	8-9	6:00a,8th-4:30a,9th	.75	*30	0	0	4	0	Snow, Wind
Heavy snowfall of 8-12 inches fell in Baker and Union counties with strong winds estimated over 50 miles per hour at times causing blizzard conditions. Hundreds of motorists were stranded by the blizzard that closed I-30N between Baker and La Grande. Zero visibility and drifts up to 4 feet deep along the route and in Ladd Canyon halted traffic from 1:30 p.m. until 4:30 a.m. the next morning. About 150 persons spent the night at the La Grande National Guard Armory and many motorists spent the 15-hour wait in their cars. Additional highway crews were required to clear the 60-100 vehicles stranded in the snow. High winds associated with the storm damaged roofs of two homes in Elgin and blew in the window of another.									
Baker and Union Counties	13	Midnight-8:00a	.75	*30	0	0	4	0	Wind and Snow
Another 5-7 inches of snowfall across these counties along with winds of 50 miles per hour caused drifting on highways in the area and along I-80N between Baker and La Grande and on northward to the Elgin area. I-80N was closed from 1:00 a.m. to 8:00 a.m. and many county roads were not cleared of their 4-7 foot drifts until late on the 13th. Prior warning of motorists reduced travel problems that were experienced a few days earlier on the 8th and 9th.									
Astoria area, Clatsop County	13	Evening	?	?	0	0	4	0	Wind
A Pacific storm moving on shore in the Astoria area produced winds up to 58 miles per hour at the Clatsop County Weather Service Office about 9:00 p.m. A freighter off the Columbia River mouth lost a third of its lumber deckload during the storm.									
Ashland-Medford area, Jackson County	21-22	7:00p,21st-2:00a,22nd	.25	*10	0	0	3	0	Wind
An increase to brisk southeasterly winds were first observed in the Ashland area where power outages affected about 3,350 of the area's 4,800 customers between 7:00 p.m. and 8:30 p.m. High winds									
OREGON (continued)									
in the Medford area occurred between 9:00 p.m. and 2:00 a.m. with peak speed of 46 miles per hour recorded at 10:21 p.m. and fastest mile of 30 m.p.h. recorded at 10:55 p.m. The winds downed a number of trees and electrical lines in the area with greatest tree damage occurring in Lithia Park in Ashland.									
PACIFIC									
None reported									
PENNSYLVANIA									
Erie County	30	Evening			0	0	4	0	Wind
Wind up to 55 m.p.h. caused some serious damage at Presque Isle State Park with limbs down on lawns and highways throughout the area and isolated power shortages. Damage was most serious on Presque Isle at Sunset Point near Beach 10 where 15-foot-waves pounded the shore and undermined the two-lane highway.									
PUERTO RICO									
None reported									
RHODE ISLAND									
Northern half	30	8a.-10p.			0	?	5	0	Snow, glaze
Snow turning to freezing rain was responsible for an unusually large number of traffic accidents. About 175 crashes occurred and a number of persons were injured.									
SOUTH CAROLINA									
Statewide	3	Entire day			2	1	6	6	Snow, sleet, freezing rain, rain, winds
A heavy snow in the Northwest caused many minor auto accidents, some power outages and some structural damage. A section of roof and 500 feet of outside wall of a textile plant in Belton collapsed due to weight of snow. Only two persons were in the plant and neither was injured. Roofs of a marina boat shelter at Lake Keowee collapsed due to weight of snow. The roof of a warehouse of an auto dealer in Whitmore collapsed due to weight of snow. The roof of an auto showroom in Fountain Inn collapsed due to weight of snow. Fortunately the roof came down slowly enough to permit removal of several new cars without damaging them. The roof of a building on an egg farm near Chester gave way under weight of snow. Equipment was damaged and several hundred chickens were killed.									
Freezing rain through the center of the state caused a variety of damage, loss, injury and death. At Aiken two homes burned partially when hot wires fell on them. Ice accumulation caused tree limbs to fall on the wires. Auto accidents on icy roads in Aiken caused the death of two young men. The city of Columbia and 3 or 4 counties in the central part of the state had power outages in 70 to 90 percent of the homes. These were caused by lines downed by broken limbs which were felled by ice accumulation. One power company employee suffered a broken leg as a tree limb fell on it. Power companies faced tremendous losses. Thousands of pine trees, grown commercially, were downed or badly broken up due to icing. The area of greatest damage was in Aiken, Orangeburg and Lexington counties. Gross loss of timber was about \$3.4 million but \$1.2 million of this was estimated as salvageable.									
Rain, strong winds and high tides caused flooding and beach erosion in coastal areas. Considerable damage to beach homes took place from Pawleys Island to Litchfield Beach. Erosion, caused by wind and high tides was the main factor. Hilton Head Island took a buffeting from winds and tides also but damage was light. Edisto Island had some erosion and two beach houses collapsed and two others were damaged. 660 new foreign cars were damaged by flood water in a Charleston terminal where they were stored. They were returned to Germany for repair. Both the flooding and beach erosion were enhanced by onshore winds which would not let the high tide recede normally.									
SOUTH DAKOTA									
North Central	7				0	0	0	0	Heavy snow
Heavy snow of 7 to 12 inches was reported in the area. Timber Lake and Eagle Butte reported 12 inches. Strong winds accompanied the snow and caused extensive drifting. Drifts up to 15 feet were reported in sheltered areas near Lemmon.									
TENNESSEE									
East	3	a.m.			0	0	?	0	Snow
This snowfall provided generally 2 to 4 inches of wet snow in the east-State area. Some of the mountains were heavily blanketed and glazed highways resulted in numerous minor accidents. With only a few exceptions, schools were closed on the 3rd.									
Cookeville, Putnam County	6	5:30 a.			0	0	4	0	High Wind
Strong, gusty winds damaged power lines and destroyed small aircraft at the Putnam County Airport.									

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					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE (continued)									
State-wide	10	a.m.			0	0	5	0	High Wind
	<p>Strong, gusty winds caused widespread property damage to trees and power lines. Heaviest damage occurred in western Tennessee where winds reached 65 mph at Memphis International Airport. In downtown Memphis, the winds smashed several store windows, battered Christmas decorations and broke power lines. Building material (sheetrock, plastic and galvanized pipe) from the upper stories of the new Commerce Square building under construction littered the intersection of Main and Monroe Streets.</p> <p>High winds were responsible for damage at scattered locations across the State, some of these being in the counties: Shelby County, damage to roof and TV antennas; Fayette County, concrete block walls blown over; Gibson, Crockett, Humphreys, Montgomery, Dover Counties, roofs, trees and power lines damaged; Benton County, windows broken. No official damage estimates were available but it was thought that damage in the Memphis area alone totaled at least \$100,000.</p>								
Lauderdale County	15	2:20 a.	14	300	0	3	5	0	Tornado, wind storm
	<p>What apparently was a small tornado touched ground about 4 miles south of Ripley and caused intermittent damage along a path extending to Halls. Several roofs were damaged or destroyed, and many trees, power lines and signs were destroyed. At Halls, three persons were slightly injured when their mobile home was overturned. Total property damage was estimated at \$50,000.</p> <p>Elsewhere in west Tennessee, a variety of wind damage occurred at about the same time as detailed by several news reports, including several barns damaged or downed by wind, a half-dozen or more mobile homes moved, overturned or otherwise damaged or destroyed by wind. There were a number of reports of tree limbs and/or trees downed, TV antennas downed. Some of the heavier damage reported was in counties of Shelby, Tipton, Obion, Gibson, Weakley and Henry County. Total wind damage was estimated at \$150,000.</p>								
Ripley, Lauderdale County	15	4:41 a.							Funnel aloft
	<p>Ripley police reported sighting of a funnel cloud, 16 miles south-southwest of Ripley.</p>								
TEXAS									
See Data at end of table.									
UTAH									
None reported									
VERMONT									
State	25	early a.m.			0	0	4	0	Wind
	<p>Strong, gusty winds in the early morning caused local damage. Falling limbs and trees caused utility outages. Much damage to outdoor Christmas decorations.</p>								
VIRGIN ISLANDS									
None reported									
VIRGINIA									
State	17-18				0	0	4	0	Wind
	<p>High winds up to 50 miles per hour with higher gusts affected the state late on the 17th and early on the 18th. Trees and limbs were downed with many on power lines. In the Richmond area over 3000 customers were without power. Signs, sheds, utility buildings, garbage cans, Christmas decorations, and traffic signals were damaged or demolished. Several plate glass windows were broken. The roof of the Pizza Hut in Winchester was blown off. Three walls and the floor of a church under construction at Slate Hill near Charlottesville were demolished. A tree fell on a house in Danville.</p>								
WASHINGTON									
Redondo Beach (Des Moines, Wash.)	22	1410 p.	20 yds.	0	0	0	2	0	Waterspout-Tornado
	<p>Waterspout was observed to form just offshore from Redondo Beach shortly after 2 P. It lifted as it moved onshore and settled back over a residential building at 27025 8th Ave. S., Des Moines. A 30x30 foot section of asphalt roofing was removed from the building and the funnel was observed to dissipate in a vacant lot nearby. The waterspout was observed by Mr. & Mrs. Vic Anderson and by a neighbor Mr. Vernon McKay. At about 3:30 PM PST, wind damage was reported at Auburn, Washington, and a thunderstorm produced 1/2 inch of snow at Lake Margaret 15 minutes later.</p>								
Puget Sound and Spokane-Pullman area	8				2	4			Wind
	<p>A gale moved across the State bringing thunder, lightning, wind and snow. Trees and powerlines were toppled at Everett and Olympia. A car was demolished by a falling tree near the Dungeness River, a barn was demolished near Edison and a drive-in movie theater screen toppled north of Everett. Several roads were closed by slides. A 3-inch snowfall in south King County produced hazardous driving conditions with 234 auto accidents and 2 injuries.</p>								
WASHINGTON (continued)									
Eastern Washington	8							4	Snow
	<p>One to two feet of snow fell with this storm and snow conditions prevailed for a week. Schools were closed in some areas several days. Bad highway conditions existed on the 12th and 13th with numerous cars and trucks ending in the ditch. Freezing rain, wind and lightning caused power outages, trees were toppled and roofs damaged in the Spokane-Pullman area.</p>								
Prairie	17							4	Flood
	<p>Local heavy rain produced a flash flood on the Sanish River near Prairie and highway 9 was blocked by a slide.</p>								
WEST VIRGINIA									
Huntington	10	afternoon			0	1	2	0	Indeter
	<p>Winds to 44 miles per hour were recorded at Tri-State Airport. Some store windows in the downtown section were blown out by the strong winds and numerous signs and TV antennas were blown over. A truck was blown loose from a two-story ledge and hit the homeowner in the hood, sending her to the hospital.</p>								
WISCONSIN									
None reported									
WYOMING									
Casper	9	3:00a., 4:30a.			0	11	5	0	Wind
	<p>Winds gusting to near 100 mph caused damage to power and phone lines, houses, trees, and much damage in a trailer park in southwest Casper with eleven people injured there.</p>								
MISSISSIPPI									
Southwest and South Central Divisions	1-10				0	0	6	5	Heavy Rain
	<p>Heavy rains the first ten days caused extensive damage to roads and bridges in southwest Mississippi. Civil Defense preliminary estimates were \$750,000 damages to county roads and 110 bridges, and \$60,000 in crop loss. Road and bridge damage detected in SOUTHWEST DIVISION: in Wilkinson, Franklin, Lincoln and Amite counties; in SOUTH CENTRAL DIVISION: in Madison and Pike counties. Crop damage was observed in SOUTHWEST DIVISION: in Lincoln and Franklin counties.</p>								
Pike County	1-10				0	0	?	0	Heavy Rain
	<p>McComb Enterprise Journal noted, "An already soggy McComb area awoke this morning (10th) to another downpour of rain with almost two inches falling in a period of four or five hours. . . . As of 10 a.m. today (10th), the Federal Aviation Agency's Flight Service Station at the McComb-Pike County Airport had recorded a total of 11.04 inches of rain for the first 10 days of December. . . ." This exceeded the highest monthly total for any December during the 22 years (1949-1970) records have been kept. "As of 10 a.m. today . . . many of the city's intersections were flooded and some cars were reported stalled. . . ."</p>								
Lincoln County	1-6				0	0	?	?	Heavy Rain
	<p>Lincoln County Supervisor reported 25 or more roads throughout county blocked due to extensive damage to headwalls and bridges caused by torrential rains. Six houses flooded early in morning of 6th west of U.S. Highway 55 in Halbert Heights area of Brookhaven. County schools began closing morning of 6th and Brookhaven schools closed early that afternoon. At Brookhaven the 24-hour rainfall of 6.75 inches until 6 a.m. of the 6th was the greatest one-day amount in December since 1919 when 7.94 inches was measured on Dec. 9th.</p>								
Wilkinson County	1-6				0	0	?	0	Heavy Rain
	<p>Mississippi Forestry Commission reported 11.28 inches of rain fell at lookout tower just east of Woodville during first 6 days. Heaviest was from 1 p.m. of 5th to 1 p.m. of 6th when 7.75 inches were measured. Widespread bank slides and erosion from the rains damaged roads throughout county. In the 5th district, one bridge was washed away completely, while the approach to another caved in; in the 2nd district, one low-water bridge washed away.</p>								
Forrest County	2	p.			0	0	?	0	Heavy Rain
	<p>Hattiesburg newspaper noted, "A steady, heavy rainfall estimated at about two inches in an hour and a half period shortly after noon Thursday (2nd) overtaxed Hattiesburg's drainage system, flooded many portions of town. . . . The Hattiesburg Police Dept. reported flooding and stalled cars in almost every area of town, but no residential evacuations were necessary."</p>								
Adams County	5-6				0	0	?	?	Heavy Rain
	<p>The Natchez Democrat noted, "Flooding rivers, slides from roadside banks, ruined crops. These are some of the effects of steady, heavy rains in the area the last two (5th-6th) days."</p>								
Franklin County	5-6				0	0	4	3	Heavy Rain
	<p>County agent reported heavy rains swelled the Hogchitto River until it overflowed its banks and flooded several soybean fields.</p>								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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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)									
Simpson County	5-6				0	0	?	0	Heavy Rain
<p>Damages estimated \$5,000. In addition, 65 head of cattle were drowned, and 1 injured in the flooding. Damages to livestock estimated \$11,000.</p> <p>Rains started evening of the 5th and on 6th at 7 a.m. at D'Lo totaled 1.60 inches. This was that station's heaviest oneday rain in December 1937-1971. Mendenhall newspaper noted, "Flood waters caused by heavy downpours Sunday night (5th) and Monday morning (6th) forced approximately 60 Mendenhall families to evacuate their homes. Hardest hit was the low area along Sellers Creek. The portion of Mendenhall along old Hwy. 49 South was also flooded. No injuries were reported. . . . The evacuation commenced at daylight Monday . . . residents started returning to their homes late Monday afternoon as the rain stopped and the flood waters fell. . . . In some cases, water was several feet deep inside homes. The water washed holes in some of the city streets. . . ."</p>									
Wayne County	5-6				0	0	?	0	Heavy Rain
<p>The Waynesboro newspaper noted, "In a brief period Monday (Dec. 6) afternoon WABO, official recorder of rainfall for Waynesboro, reported that 2.25 inches fell and inundated many streets, mainly at intersections, drowning but cars and trucks in numbers not seen in the city before. The area had experienced heavy rains Sunday (Dec. 5) and in the 24-hour period from 5 p.m. Sunday until 5 p.m. Monday, Waynesboro had 4.45 inches of rain. It was late Monday night before tapering off and even then road machines were still pulling drowned out vehicles from the deep water around town. . . . A number of roads were washed out over the county. . . ." This was the greatest oneday amount in December since 1942 when 4.70 inches were measured on Dec. 26th.</p>									
Lamar County	6	About 3:10 p.			0	0	?	0	Funnel Cloud Aloft, Wind
<p>Newspaper noted a Seneca man and son both saw a "funnel pass over headed in a northerly direction." Their carport roof was picked up by the wind and set back down on the same site; at a nearby home a TV aerial knocked a hole in the roof.</p>									
Pike County	7				0	0	?	0	Heavy Rain
<p>Numerous fields and lowlands near the Bogue Chitto River banks were reported flooded and water surrounded several homes. The State Highway district maintenance engineer said that he understood the last time the water had risen high enough to cover bridge roads along the Bogue Chitto was in 1957.</p>									
Marion County	10	About 9:00 a.	18	125-150	0	5	4	0	Tornado
<p>Tornado touched down 4 WSW Morgantown about 9:00 a.m., cut a swath about 125-150 yards wide through mostly farm and timber area. It lifted about 9:08 a.m. above Morgantown before it hit homes and continued for about 15 miles touching down briefly east of Pearl River - first to WSW of Goss for less than 1/2 mile where roof was blown off barn and next at 2 NW Improve for about 1 mile where a house was destroyed. At about 3 miles WSW of Morgantown, three houses were destroyed; one additional home had major damage, one minor damage and one business was damaged. First home destroyed was unoccupied, the next was occupied by man age 92 and wife age 85, who received lacerations and injuries, about 1/2 mile away at the third house, a 16-year old boy "heard something coming that sounded like a train; his mother heard the roar and ran towards the boy, "Before my mom could reach me from the living room, it hit our house and moved it about thirty steps back;" one wall and a chimney were left standing. The community of Morgantown suffered some property damage, a resident stated that they heard the tornado about three minutes before it struck, "I ran outside and saw it coming."</p>									
Jefferson Davis County	10	Around 9:00 a.	Short	Narrow	0	0	3	0	Tornado
<p>Neighbors of the Pal Sims family of Bassfield reported hearing a roaring noise along with hard rain and looked out to see the Sims' home being destroyed. Apparently a small tornado momentarily touched ground and then lifted. Damages estimated about \$5,000.</p>									
Bolivar County	15	1:30 a.- 1:35 a.			0	0	4	0	Thunderstorm, Wind
<p>Storm moved from SW towards NE with excessive thunder; persons living near path reported it very noisy but did not go outside. Damages estimated \$10,000 occurred from SW of Shaw (Big Four Store) due west of Choctaw to north of Shaw (Sand Pit Store) Highway 61; path 40-50 yards wide, length of path 6-7 miles; most of the debris laid in a straight line by the path. There was wind damage to homes, farm buildings, power and telephone lines. High winds slammed a small mobile home into a General Store, none of the occupants were injured. This was followed by torrential rains.</p>									
Sunflower County	15	Early a.			0	0	?	0	Wind
<p>Civil Defense reported high wind damage 2 W Drew. A TV tower and a citizens band tower were demolished, tree uprooted, tin roof blown off barn across fields to 1/4 mile away, bee hives blown over, and light meter sheared off house.</p>									
Jefferson Davis to Covington County	15	6:15 a.- 6:45 a.	10	100-200	0	0	4	0	Tornado
<p>During rainy weather, storm moved from WSW towards ENE. Intermittent tornado dipped down at Lucas, White Sand and at several points to west and north of Prentiss, then moved over Covington County</p>									
MISSISSIPPI (continued)									
Smith County	15	7:05 a.- 7:10 a.			0	0	3	0	Thunderstorm, Wind, Funnel Clouds Aloft
<p>Mississippi Highway Patrol reported 2 to 5 funnel clouds aloft sighted near Taylorsville all moving NE. In SE Taylorsville (lat. 31.8°N, long. 89.1°W) on Haven Drive, high winds caused damage in an area 100 yards wide and about 1 mile long. Newspaper noted, ". . . it ripped through several trees and shredded shingles from a few buildings." Highway Patrol reported a few small limbs and trees blown down. Woman reported TV antenna taken off roof and two house trailers damaged; one knocked off blocks, and other about 1/4 mile away blown over. Woman wrote, "I heard noise like a big train or big truck. . . . It was in my front yard about 8 or 10 feet above ground whirling black with fire going round and round from the electric wires overhead I suppose." She said it came down the street, passed her house and continued along the street mostly no lower than tree top level. She wrote, "It was raining terribly hard, thundering and lightning real bad, and the wind was blowing hard." Property damage estimated under \$5,000 (insurance claims on 2 houses \$550).</p>									
Jones County	15	Before 7:30 a.							Funnel Cloud Aloft
<p>Laurel radio station received public report of funnel cloud aloft (before 7:30 a.m.) at 1/2 mile NW of Lake Bogue Homo moving northward.</p>									
Jones County	15	7:50 a.- 8:00 a.	5	75	0	2	4	0	Tornado
<p>During rainy weather, small tornado dipped down about 7:50 a.m. on Lake Como Road in Sharon community about 4 N Laurel and caused damage along a path 75 yards wide and 300 yards long. There a house trailer was overturned and damaged; power lines and trees damaged. Civil Defense estimated damages \$5,000. The small tornado next hit 1 N Sandersville (lat. 31.8°N, long. 89.0°W) and caused damage along a path 75 yards wide and 300 yards long, lifting at about 8:00 a.m. There a house trailer was demolished; the occupants, man and wife, were hospitalized. Number of trees blown down around trailer, power lines torn down by heavy rain and wind; damages estimated \$5,000.</p>									
Southern Mississippi									
Month									
<p>One or more stations in each of the divisions, Southwest, South Central, and Southeast, reported over 14 inches of rain. Some stations reported a record largest total for December (since 1889- Brookhaven, since 1893- Woodville, since 1936- D'Lo, etc.). A few stations had their record largest total for any month (since 1949- McComb, since 1957- Centerville, etc.). Woodville L ESF established a new 1888-1971 Southwest Division record for the greatest December precipitation total of any station within the Division; also it had an observational greatest day amount larger than any recorded in the Division back to Dec. 22, 1911 when 9.50 inches were measured at Woodville. An 1890-1971 record for the highest December average minimum temperature within a division was established in the Central Division (Jackson Airport), Southwest Division (Natchez), South Central Division (Tyler town), and the Coastal Division (Pascagoula 2 SNE). JONES COUNTY: Unusually warm apple trees on farm of Milton Walters bloomed and produced apples the size of golf balls. County agent said these trees would not produce a crop in 1972. Laurel reported highest December (1902-1971) average minimum temperature and 6th highest December rainfall.</p>									
TEXAS									
Bexar County	5	1:00 a.- 1:10 a.	2	?	0	0	4	0	Hailstorm
<p>Hailstones up to three inches in diameter caused an estimated \$20,000 damage to property in the southern portion of Bexar County. Some extensive damage occurred to roofs and automobiles. Hail one-half inch in diameter fell in the south and southwest portions of San Antonio.</p>									
Blue Mound, Tarrant County	8	1:00 p.- 1:20 p.	?	?	0	0	?	0	Hailstorm
<p>Hailstones up to three-quarters inch in diameter fell in the Blue Mound community, just north of the Fort Worth city limits. There was no report of any damage.</p>									
Near Walburg, Williamson County	8	5:40 p.- 5:46 p.	2	500	0	0	4	0	Windstorm, funnel aloft
<p>Fourteen out of sixteen sheds and barns on the Adolph Neitsch farm between Walburg and Weir were destroyed by a vicious windstorm. Also destroyed was a barn-garage on the Dan Doerfler farm nearby. A funnel cloud was observed aloft during the storm. Damage was estimated at \$12,000.</p>									
6 S Caddo Mills, Hunt County	9	Morning	?	?	1	0	?	?	Flash flooding
<p>A 62-year old Lake Tawakoni resident, Mrs. Margarita Scallan Yeats, drowned when a pickup truck driven by her husband plunged off Farm Road 36 into the raging waters of Brushy Creek six miles</p>									

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					KILLED	INJURED	PROPERTY	CROPS		
TEXAS (continued)										
										<p>south of Caddo Mills. Highways throughout the area were closed by swollen streams and rivers, while streets in Greenville and other area towns suffered considerable damage from the flooding that was prevalent throughout Hunt County. A total of 6.20 inches of rain was recorded at Lake Tawakoni between 8:00 a.m. on the 8th and 8:00 a.m. on the 10th.</p>
Brownsboro, Henderson County	9	Night	?	?	0	1	1	0	0	Windstorm
										<p>One person was injured when high winds demolished a mobile home in Brownsboro. The mobile home appeared to have exploded, according to Deputy Sheriff Jim Anders. Minor damage occurred to several buildings and to trees in the area.</p>
North Central Texas	9-13				0	0	6	0	0	Flooding
										<p>Heavy rains ranging from three to more than seven inches fell during a 48-hour period ending at 7:00 a.m. on the 10th along the Upper Trinity basin from Carrollton and Layon Reservoir southward. The ground was already saturated from rains during the first five days of the month. The heavy rains sent the Trinity above flood stage at Carrollton on the Elm Fork on the 9th. On the main stem of the Trinity, run-off flooded the river from Dallas to Rosser. At the same time, run-off and 50,000 or more c.f.s. flow from Cedar Creek Lake sent the Trinity to a 40-foot stage at Trinidad. Flooding moved downstream to Long Lake on the 11th. At Long Lake, a crest near 46 feet occurred on the 13th.</p> <p>The Economic Division of the U. S. Corps of Engineers estimated property damage along the Elm Fork of the Trinity at 10 thousand dollars, 797 thousand along the Trinity from Dallas to Long Lake, and 150 thousand dollars along the East Fork of the Trinity. Eighty-five homes were partially flooded in south Dallas according to the Dallas Office of Civil Defense. At Dallas, a crest near 37.4 feet occurred on the 10th and the river returned to its banks on the 12th.</p>
Crockett, Houston County	12	11:30 p.	?	?	0	0	4	0	0	Windstorm
										<p>Severe thunderstorm winds uprooted trees, toppled chimneys, twisted carports and damaged roofs of homes in Crockett. One mobile home was heavily damaged. Probably the Charles Carter, Jr. home at 110 Lazy Lane suffered the most damage. A chimney rising above the top of the Carter two-story home was knocked down by the force of the winds, and part of the house was ripped away.</p>
Alpine and vicinity, Brewster County	14	1:30 p-4:30 p	?	?	0	0	5	0	0	Windstorm
										<p>Winds gusting up to 100 m.p.h. raked the Alpine area virtually destroying a home in the Sunny Glen area and damaging other residences and buildings. The new home of Sidney Chandler on a hilltop in Sunny Glen was damaged severely by the high winds. Plate glass windows in front and back were blown out, and walls and roof suffered. A 100-m.p.h. gust was recorded at 2:15 p.m. at Alpine Municipal Airport. The anemometer on the roof of the Science Building at Sul Ross State University measured gusts up to 90 m.p.h. with a "constant" wind speed of about 60 m.p.h. A portion of the roof of Hancock Hall was blown onto the parking lot. Total wind damage was estimated at \$50,000.</p>
Near Rendon, Tarrant County	14	Afternoon	?	?	0	1	1	0	0	Windstorm
										<p>High winds destroyed a mobile home near Rendon, four miles west of Mansfield, in Tarrant County. The woman occupant suffered minor injuries.</p>
Near Nolanville, Bell County	14	Afternoon								Funnel aloft
NW Copperas Cove, Coryell County	14	5:10 p-5:20 p	0.2	10	0	0	5	0	0	Tornado
										<p>A small tornado demolished a mobile home and heavily damaged three others at the Cedar Groves Estates Trailer Park, northwest of Copperas Cove. No one was in the mobile home that was destroyed, and total property damage was estimated at \$50,000.</p> <p>An eye witness account of the tornado was given by David F. Patrick 106 Mary Jane, Cedar Groves Estates.</p> <p>"I had gone out to roll up the window on our new car, when the funnel came over the hill. I started for our trailer and made it just as the funnel reached the trailer 40 feet from ours. It completely lifted the trailer vertically to about 20 feet, rolled it over one complete turn and brought it back to the ground. Just before reaching the ground it came apart", he said.</p> <p>Herb Guderian, Cedar Grove Park manager reported, "Watching the storm from the park's recreation room, I looked out the window at a tree and it looked like a large flock of birds had taken off, but I realized that as the tree bent nearly to the ground, it was the leaves that had blown off in that instant."</p> <p>The tornado moved from southwest to northeast.</p>
Lake Worth-Eagle Mountain Lake area, Tarrant County	14	5:15 p	1/16	10	0	0	3	0	0	Tornado, 3 funnels aloft, windstorm
										<p>Four funnel clouds were observed in the Lake Worth-Eagle Mountain Lake area northwest of Fort Worth. At least one touched ground on the west side of Lake Worth and twisted off trees. A storage shed was damaged. A barn was destroyed and trees uprooted in the Eagle Mountain Lake area.</p>
TEXAS (continued)										
5 NW Joshua, Johnson County	14	5:20 p-5:50 p	1/16	10	0	6	5	0	0	3 Tornadoes, windstorm
										<p>Three small tornadoes dipped and dived through the Space Acres Addition, five miles northwest of Joshua. Six persons suffered minor injuries when two mobile homes were demolished and four others were overturned by the tornadoes. Mr. and Mrs. Billy Price, who were in these mobile home watching television said that their home "just blew apart".</p> <p>Three of the Rosendo Pineda children were at home when their mobile home was overturned and blown several yards.</p> <p>"It felt like I was in a blender", said Jack Pineda.</p> <p>Windstorms caused additional damage to property at Cleburne, and in a large portion of Johnson County. Total tornado and windstorm damage was estimated at \$100,000. The storm systems moved from west-southwest toward the east-northeast.</p>
Arlington, Tarrant County	14	5:30 p-5:40 p	0.2	20	0	2	4	0	0	Tornado
										<p>A tornado flipped three mobile homes off their concrete pads at Green Acres Trailer Court on Kelly-Elliott Road in south Arlington. Mrs. Luella White and Patricia Pruitt were injured in one of the mobile homes when it rolled over. A second of the three mobile homes, owned by Mr. and Mrs. Steve Hancock, was unoccupied when it appeared to "explode" when the tornado struck. Total damage was estimated at \$40,000.</p>
Richland Hills, Hurst, Bedford and Euless area, Tarrant County	14	5:30 p-6:00 p	10	?	0	4	6	0	0	Windstorm, tornado
										<p>High thunderstorm winds caused widespread damage in the Richland Hills, Hurst, Bedford, Euless area northeast of Fort Worth. Heaviest damage was from the Richland Industrial Park in Richland Hills, through Hurst Hills, across Pipeline Road and the Edgell Street area in Hurst. Heavy damage occurred along Bedford-Euless Road in Hurst. Lesser damage occurred on Hardisty Road in Bedford and at Harmon and Highway 157 in Euless. Three children of Gary Gray, sheltered in a mobile home just off Bedford-Euless Road at Valentine suffered minor injuries when the mobile home was flattened. A woman in Hurst was injured when the roof of her home was damaged. The roof of the Pipeline Road Church of Christ was lifted off by the wind, carried behind the building, and dropped on top of a building there. Roofs, mobile homes, plate glass windows and trees suffered heavily. Windstorm damage was estimated at one million dollars.</p> <p>A tornado dipped down briefly in the 800 block of Edgell Road in Hurst, about 5:15 p.m. Mrs. R. J. Foster of 1944 Bedford Court W. said she heard her son yell "tornado" and then heard what sounded like a "great suction" all around the house just before a window broke out, smashed by flying boards from a fence. The winds drilled a 12-foot long board into the side of Mrs. Foster's home.</p>
Dallas-Fort Worth, Dallas and Tarrant Counties	14	5:30 p-6:30 p	?	?	0	1	6	0	0	Windstorm, tornado
										<p>Severe thunderstorm winds with peak gusts up to 100 m.p.h. raked the Dallas-Fort Worth metropolitan area and caused property damage estimated at several millions of dollars. Of the two large cities, Dallas was the worst hit. Damage to the smaller cities in Dallas and Tarrant Counties are described elsewhere in this issue of STORM DATA. In Dallas the Cockrell Hill Addition and the southwest part of the city were hardest hit. Several mobile homes were overturned at Belknap Mobile Home Sales, 2100 Fort Worth Avenue. One woman was injured slightly at 3520 Oak Lawn Avenue when struck by flying glass.</p> <p>A small tornado struck in the 6900 block of Hawn Freeway where it damaged several buildings including the unroofing of Wade Brothers Automotive Shop, 6356 Second Avenue. Fifteen portable metal buildings were smashed on a sales lot at Hawn Freeway at Buckner. Tornado damage was estimated at \$10,000.</p>
Keller, Tarrant County	14	5:30 p-7:30 p	?	?	0	0	5	0	0	Windstorm, funnel aloft
										<p>High thunderstorm winds destroyed two hangars and two airplanes at the Robertson Airport. Some damage occurred to business buildings and rural property in the vicinity. One funnel cloud was observed aloft. Total damage was estimated at \$50,000.</p>
L. N. Alvarado, Johnson County	14	5:31 p	?	?	0	0	4	0	0	Windstorm
										<p>Thunderstorm winds demolished a mobile home on the J. A. Lewis farm four miles north of Alvarado. Home owner, C. L. Marshall estimated the loss at \$8,000 to \$10,000.</p>
Mansfield, Tarrant County	14	5:40 p-6:00 p	1	10	0	2	5	0	0	Tornado
										<p>A tornado ripped through the Mansfield area in southeastern Tarrant County where it injured two persons and destroyed five mobile homes in two communities. Van B. Fisher, 56, of Route 3, Mansfield suffered a broken ankle when his mobile home rolled over on top of him. A neighbor, Clyde Cobb, said he was on his porch looking at the sky when he saw a funnel approaching from the southeast.</p>

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					KILLED	INJURED	PROPERTY	CROPS		
TEXAS (continued)										
										<p>"I saw the tail up in the air and ran to warn the Fishers," he said. Van Fisher was still in the mobile home when the funnel picked it up and smashed it to the ground.</p> <p>Cobb indicated the funnel picked it up again, carried it over a pickup truck and smashed it to the ground, blowing it apart. The mobile home which landed about fifty yards from its original location was scattered over a wide area. The tornado tore into the Watsonville area shortly before 6:00 p.m. and totally destroyed three mobile homes and badly damaged three others. Mrs. William Johnson who lives at Bell Street in Watsonville said she heard a sound like a train whistling and saw a black cloud coming.</p> <p>"I started shoving the kids out the door just before it hit", said Mrs. Johnson.</p> <p>One Johnson girl, Betty Ruth, received a foot injury when the wind slammed a door on her foot.</p> <p>Just down the street from the Johnsons, the home of Mrs. Earl Mercer was completely demolished by the tornado. Mrs. Helen Mercer her daughter who was with her said that she "didn't hear a sound, just saw a blue swirling cloud" shortly before the trailer was destroyed.</p> <p>Other residents whose homes were demolished or damaged said they did not hear a sound, but felt a strong wind just before their homes were hit. Total damage was estimated at 55 thousand dollars.</p>
Itasca, Hill County	14	5:40 p-6:15 p	? 1/8	? 10	0	0	4	0	Windstorm, tornado	<p>Severe thunderstorm winds caused considerable damage to roofs of buildings and residences, barns and sheds, in Itasca and the surrounding rural area. One small tornado demolished a barn about seven miles east of Itasca.</p>
Leroy, McLennan County	14	5:45 p	?	?	0	0	4	0	Windstorm	<p>One mobile home and two frame houses were blown over in Leroy, 17 miles north of Waco.</p>
Grand Prairie, Dallas County	14	5:48 p-6:20 p	4	40.6	0	0	5	0	Windstorm	<p>Thunderstorm winds estimated at 70 m.p.h. caused considerable damage to property in an area about four miles long and 8 to 10 city blocks wide in Grand Prairie. Harts body shop at 1601 E. Main Street sustained 50 thousand dollars damage to building and equipment when the winds razed three walls of the structure.</p>
Denton, Denton County	14	6:00 p	?	?	0	0	4	0	Windstorm, funnel aloft	<p>High thunderstorm winds ripped off bricks from an entire wall of the Lona Del Rey Apartments on Loop 288 in Denton, and overturned four mobile homes at Trade Winds Mobile Home Park on Interstate 35 E. Marie Boyce, at the apartment building, reported hearing "an awful roar that was over in two or three seconds". Apparently this was a funnel cloud that did not touch ground.</p>
Carrollton, Dallas County	14	6:00 p	1	100	0	0	5	0	Tornado	<p>A tornado cut a path through Carrollton approximately one mile long and one block wide in the northeast part of the city. Heaviest damage was on Pontiac and Squayah Streets. The home of Mr. and Mrs. Steve Pontiacus, 2114 Pontiac was demolished except for the front wall and the kitchen cabinet. Mrs. Pontiacus and their six children were at home at the time, but were not injured. Next door Marvin Ray Ross of 2116 Pontiac, was standing in front of a bedroom window in his home when the window "exploded" and the window screen was blown away and was never found. The tornado tore a hole in the back of the roof of the Ross home. Tornado damage was estimated at 50 thousand dollars.</p>
3 E Elm Mott, McLennan County	14	6:00 p	0.3	100	0	2	4	0	Tornado	<p>Dub Copeland and his wife received minor cuts, scratches and bruises when a tornado destroyed their mobile home about three miles east of Elm Mott.</p> <p>Copeland said he and his wife were sitting down to dinner when the tornado struck "and the next thing I knew I was laying out there in that field".</p> <p>"It took about three or four minutes to pass", he said.</p> <p>Copeland's mobile home was lifted from its supports and thrown through the air. It landed approximately 100 feet away in a twisted heap. Joe Sumner's mobile home, south of Copeland's was severely damaged. A tool shed owned by Bob Miller, who lives north of Copeland, was destroyed, but Miller's mobile home was undamaged. Total tornado damage was estimated at \$26,000. The tornado moved from west to east.</p>
Duncanville, Dallas County	14	6:00 p-6:10 p	0.6 1/16	600 10	0	1	4	0	Windstorm, tornado	<p>A severe windstorm unroofed a number of houses and business firms in Duncanville. The southeast portion of the city suffered the most widespread damage. One-year-old Marcie Ann Fisher suffered a minor cut on her forehead when hit by debris that came through a window in her parents' home. Numerous carpports, patio covers and fences were blown down or destroyed by the windstorm. One small tornado touched down for a few seconds.</p>

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		
TEXAS (continued)										
Sherman, Grayson County	14	6:00 p-6:30 p	6	20	0	1	5	0	Tornado	<p>A tornado swept across the Sherman airport and through the south and southeast portion of Sherman. Only one person was injured. The heaviest damage was at and around the airport and in the area of the 1500 block of S. Travis and 1600 block of S. Crockett. A large sheet metal hangar at the airport seemed to have exploded, with the roof portions being hurled like missiles across Dewey Avenue and the knife-like edges slicing into several houses. Two twin-engine planes in the hangar were damaged, as were several others. At 1522 S. Travis, the large, 10-room house of Clarence Chumley was almost a total loss, with much of its gabled roof either blown away or left in rubble. Inside, four-year-old Monty Roy was cut on the head when a window shattered. Chumley said it all happened so quickly that he hardly realized what it was all about.</p> <p>"The windows were blown out and furniture began flying around the room", he said, "I tried to open a door but the wind whipped it closed and broke the door in half. When Larry (a son) tried to get out another door he was flipped upside down and landed across the room.</p> <p>Sherman Fire Marshall, Reeta Bowen, said he saw a writhing, twisting tail of a tornado hanging from a large black cloud approaching the city from the southwest.</p> <p>"I was driving west in the 900 block of Centennial when I saw this long, thin funnel flopping back and forth," Bowen said.</p>
Hillsboro, Hill County	14	6:00 p-7:00 p	?	?	0	0	4	0	Windstorm	<p>High thunderstorm winds struck the Hillsboro area and destroyed two mobile homes and caused lesser damage to numerous barns, sheds, carpports and porches. A few plate glass windows were blown out by the wind.</p>
Lewisville, Denton County	14	6:10 p	1/16	10	0	0	4	0	Tornado	<p>A small tornado completely demolished two mobile homes and badly damaged a third mobile home in Hilliard Acres in southwest Lewisville. Both mobile homes came down hitting the ground a completely twisted mixed up pile of rubble about 100-250 feet away from where they originally were stationed. Total damage to the two mobile homes destroyed and their contents, was estimated at \$25,000. Charles Hawkins was inside his mobile home when the tornado roared through. He was sucked out of the front door and onto the ground.</p> <p>"It (tornado) came over me and picked up the home" which crashed to the ground about 100 feet away, he commented.</p> <p>Mickey Boswell, who resides on Bart Lane across the street from where the tornado struck the hardest, said he did not see the tornado, "but after you've been in two others you know when its coming!"</p> <p>"It was the weirdest noise you ever heard - it whistled, whined and sounded like a train, and once you've heard one tornado you'll never forget it", he expressed.</p> <p>Boswell said he opened all the windows in his mobile home because of knowledge he had of what to do when a tornado strikes. His mobile home escaped the major tornado force, but mud, water and debris were evident in his home. He said he suffered about \$3,000 damage to the roof, windows and awnings. An outside air conditioning unit was blown off and landed in a pasture 100 yards away. Boswell attributed the reason his mobile home was not uprooted to the fact that he had a concrete block foundation with a basement for it.</p> <p>This was the second time in three years, Boswell commented, that he has been involved in a tornado. He also got out of his house in Oak Cliff in Dallas in 1957 when a tornado badly damaged his home there. Three years ago he lived in Coppell and Boswell stated exactly the same thing happened to his mobile home there. It destroyed the awnings and did about \$3,000 damage that time, he said.</p>
Mesquite, Dallas County	14	6:15 p	4	167	0	4	6	0	Tornado	<p>A tornado ripped through residential areas in the north part of Mesquite, and injured four persons, none seriously, and caused property damage estimated at one million dollars. Hardest hit was the Town East and Hillview additions. Numerous houses lost entire roofs and many others were less severely damaged. One vacant frame residence on Grest Hill was virtually destroyed.</p> <p>"I looked outside and saw things flying everywhere," said James Payne of 500 Grest Hill, whose roof was partially removed. "I got the boys and took them into the bathroom, because it looked like the whole house was going."</p> <p>"It sounded like a train coming," he explained.</p> <p>The tornado appeared to touch down for about 1500 feet, then skipped over three or four miles, then touch down again for about 1000 feet. The path of damage was 250 to 500 feet wide.</p>
Near Anna, Collin County	14	6:15 p-6:30 p	3	100	0	0	4	0	Tornado	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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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		
TEXAS (continued)										
Lamar County	14	6:20 p-8:30 p	30	*15	0	0	5	0	Windstorm	A tornado damaged barns and sheds in three small areas near Anna.
Garland, Dallas County	14	6:30 p	1 1/2	*1	0	4	6	0	Windstorm, tornado	Thunderstorm winds estimated at 75 to 80 m.p.h. caused damage to mobile homes, windows, roofs, signs and television antennae along a 15-mile-wide path across Lamar County. Several mobile homes were damaged when flipped over on their sides by the strong winds. The Paris Coca Cola-Dr. Pepper Bottling Company had a large plate glass window blown out by the wind, and falling tree limbs knocked down utility lines in Paris. Violent thunderstorm winds which included a tornado damaged property severely in Garland. The high winds cut a narrow corridor of destruction through Garland from southwest to northeast. The winds ripped the roofs from a Safeway warehouse and Laminack Tires at 3135 Shiloh Road; very heavy damage occurred in a three-block area between the 2500 and 2800 block. Damage was heavy at Bob Knight Toyota, Town East Marine and Newmar Chevrolet. Four persons were injured at Golf's, 201 Loewood Shopping Center when a window blew in on them while they were eating. Windstorm damage was estimated at 500 thousand dollars. A tornado struck the Tower Apartments, 2121 Glenbrook and damaged roofs and walls on most of the 70 units, as well as some 50 cars belonging to residents in the apartments. "I heard the wind and it sounded like a freight train," said Mrs. Alma Reeves, who lives in Apartment 13. "We heard screeching noises as everything started coming in through the window. The living room was filled with glass and roofing. When we came out of the bathroom, huge pieces of glass were stuck in the walls." Tornado damage was estimated at \$100,000.
Terrell, Kaufman County	14	6:30 p	?	?	0	7	4	0	Windstorm	"I heard the wind and it sounded like a freight train," said Mrs. Alma Reeves, who lives in Apartment 13. "We heard screeching noises as everything started coming in through the window. The living room was filled with glass and roofing. When we came out of the bathroom, huge pieces of glass were stuck in the walls." Tornado damage was estimated at \$100,000. Seven persons were known to have been injured in two different mobile homes that were damaged by high winds. Members of the Thomas Williams family and their visitors, the Brumbelows, suffered minor injuries. The winds did not damage other mobile homes or frame houses in the immediate area, but turned the Williams mobile home onto its side. Mr. and Mrs. Major Ackerman, who reside in a mobile home on Farm Road 129, eight miles northeast of Terrell, were slightly injured when their mobile home was hit. A nearby vacant mobile home owned by Mrs. Edna Snow was demolished.
Palmer, Ellis County	14	6:30 p-6:33 p	?	?	0	1	5	0	Windstorm	Severe thunderstorm winds demolished eleven mobile homes and injured one resident at Palmer. Two mobile home parks were hit. Eight mobile homes were destroyed at Suburban Estates and three at Green Acres. All were new or comparatively new mobile homes. Stephen Wilhoite suffered a broken rib. Four persons were in one of the homes destroyed and walked out unharmed.
Greenville, Hunt County	14	6:30 p-7:00 p	10	*1/4	0	2	6	0	Tornado, windstorm	A tornado ripped through the south part of Greenville and caused extensive damage to four businesses. Two persons were injured and tornado damage was estimated at \$500,000. High winds on either side of the tornado path caused additional damage estimated at \$10,000. The tornado sliced through in the vicinity of Robert Stoney Volkswagen dealership on Loop 315 before touching down near Interstate 30 East, where it demolished Billy Cook's Saddlery, the John Deere Tractor dealership and collapsed a portion of the roof of the Greenville Livestock Commission Sale Barn. Damage to the Volkswagen dealership was mainly to the roof, but about 30 cars suffered superficial damage consisting mainly of broken windows. Both walls of the saddlery were blown out and the contents drenched in driving rains. The roof remained largely intact. The steel constructed tractor dealership collapsed inward and four mobile homes in a nearby lot sustained severe damage. Mrs. Sandy Hobbs and her two children were trapped in their mobile home because the wind would not let them open the door, even though the walls of the mobile home were moving in and out like the sides of a bellows. At Shady Grove, a mobile home was lifted from its foundation and shattered to bits about 60 feet away, but the front steps, flanked by a child's tricycle and a plastic dog food dish, were untouched. The tornado moved from west-southwest toward the east-northeast.
Rockwall, Rockwall County	14	6:30 p-7:30 p	10	*8	0	0	6	0	Windstorm	Severe thunderstorm winds raked a 10-by-8 mile area of Rockwall County and caused an estimated 2 million dollars damage. Damage included roofs of homes and businesses, storage and outbuildings, mobile homes, aircraft, television antennae and signs. At Rockwall Aviation Company and Brown and Brown flying school, a total of 17 airplanes were counted as either total losses or extensively damaged. A metal hangar was completely demolished by the high winds. Damage at the airport was estimated at 250 thousand dollars damage. Lakeside Development reported at least 250 thousand dollars damage, excluding sunken boats at the marina. The major buildings at Lakeside Village suffered only minor damage, mostly to windows and tile roofs. A few of the smaller shops and sheds were demolished. The field office of Peoples Real Estate on Farm Road 740, near Interstate 30, was completely demolished.
TEXAS (continued)										
Dawson-Pursley community, Navarro County	14	7:00 p-7:10 p	?	*15	0	0	4	0	Windstorm	High thunderstorm winds demolished two mobile homes and two barns in the Dawson-Pursley area in southwestern Navarro County. Other barns and a few residences suffered roof damage. Total damage was estimated at \$35,000.
Wills Point, Van Zandt County	14	7:00 p-7:30 p	2	*1/8	0	0	4	0	Windstorm	A windstorm caused minor damage to a large number of businesses and homes in Wills Point. The area hardest hit was along Highway 80 East. The awning at Raymond Burnetts 7-Eleven Store was taken off and the roof raised. The interior of the building was damaged by water. One small utility building, 10-by-12 feet, was turned upside down. Total storm damage was estimated at \$12,000.
Athens and vicinity, Henderson County	14	7:00 p-8:00 p	?	?	0	3	4	0	Windstorm	Three members of the W. E. Slagle family were injured at 7:15 p.m. when their trailer home at Lake Athens was demolished by high thunderstorm winds that swept across the Athens area. The Slagle trailer home was lifted off the ground and hurled a distance of 30 feet. It fell on top of the family car. Two other mobile homes in the Lake Athens area were turned over. Several buildings in the Seven-Eleven Shopping Center in the south portion of Athens were damaged. The heaviest damage was to the Richardson Dress Shop where the roof was lifted off of the building.
Sulphur Springs and vicinity, Hopkins County	14	7:25 p-8:30 p	20 1/2	*10	0	0	6	0	Tornado	A severe windstorm, which included a tornado, left a path of destruction some 20 miles long and 10 miles wide across Hopkins County. The area included Sulphur Springs. The anemometer at Sulphur Springs Municipal Airport broke after recording wind gusts at 100 m.p.h. Three airplanes and one hangar were destroyed at the airport and six other planes damaged. The roof was blown off the Sulphur Springs skating rink on to Loop 301. The country home of Dr. and Mrs. S. Byrd Longino in the White Oak Creek Valley immediately north of Sulphur Springs was destroyed completely when struck by a tornado. The home appeared as if it had exploded. Except for some boards and shingles, all of the wreckage hit the ground within about 50 feet of the house. It was unoccupied at the time. Tornado damage was estimated at \$30,000; windstorm damage was estimated at \$500,000.
Tyler, Smith County	14	7:30 p-8:30 p	2	*1/2	0	5	5	0	Windstorm	High winds caused extensive, but infrequent damage to roofs, windows, trees, power lines and signs in Tyler. The worst damage appeared to be in the southwestern part of the city. A building in the 700 block of West Houston had part of its roof blown away. Five persons were treated for minor cuts and bruises. Total property damage was estimated at 300 thousand dollars.
Lake Quitman and vicinity, Wood County	14	7:30 p-8:30 p	1/16	10	0	0	4	0	Tornado, windstorm	A small tornado dipped down on the north side of Lake Quitman and completely destroyed a cottage owned by a Mr. Crowson of Fort Worth. "I saw the small white funnel about 8:30 p.m.," said Charles Kerr, "the noise sounded like an airplane breaking the sound barrier. It was really humming". Damage due to the tornado was estimated at \$10,000. Additional windstorm damage in the northeastern portion of Quitman was estimated at \$25,000.
Gladewater, Gregg County	14	8:15 p	1/4	20	0	0	4	0	Tornado	A tornado touched down at the Gladewater Airport where it destroyed or heavily damaged three hangars and three aircraft. Three other buildings also were damaged.
Linden, Cass County	14	8:35 p	?	*2	0	0	4	0	Windstorm	Wind gusts estimated at 72 m.p.h. caused considerable damage to residential property in Linden and in the surrounding rural area. A few roofs were damaged heavily and utility lines were knocked down by falling tree limbs.
Frisco, Collin County	14	Night	?	?	0	0	4	0	Windstorm	High thunderstorm winds heavily damaged several businesses and residences in Frisco. At Preston Trace Mobile Home Park at Frisco's east edge, two mobile homes were overturned and three others received noticeable damage.
West Tawakoni, Hunt County	14	Night	?	?	0	0	5	0	Windstorm	Thunderstorm winds demolished 10 mobile homes in West Tawakoni. A marina and fishing barge also were damaged.
5 N Mount Pleasant, Titus County	14	Night	?	?	0	3	4	0	Windstorm	A mobile home owned and occupied by Jackie Robertson on Highway 271, approximately five miles north of the Mount Pleasant city

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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		
TEXAS (continued)										
McLennan County										<p>Limits were completely demolished by high winds. The home was lifted off the foundation blocks and turned and rolled onto its top, coming to rest approximately eight feet from its initial starting point. The home was gutted and resembled a result of a bomb blast, as the walls were shredded and portions of the home body was scattered in the vicinity. Three occupants had only minor injuries. Trees near the home were uprooted and blown several feet away from their original location.</p>
	14	Night	?	?	0	2	5	0	Windstorm	
Near Bonham, Fannin County										<p>Severe thunderstorm winds raked central and northern McLennan County and caused considerable damage to rural property and farm equipment. A Waco woman received a broken leg when a tree was blown over in her back yard. A truck driver was treated and released after high winds blew over the truck-trailer he was driving on Interstate 35 near Elm Mott. A few miles west of the Asa community, on the Lanar Lambert farm, a 4,500-lb. stock trailer was carried through the air about 30 feet off the ground. The trailer came to rest 100 yards away in a field and was heavily damaged.</p> <p>Bobby Soukup of Route 2, Lorens, in southern McLennan County, said he was driving down Farm Road 2443 when the wind suddenly began blowing from the northwest. Soukup said he was fighting to keep his vehicle on the road when the winds suddenly changed direction to the other side, blowing his truck across the road.</p> <p>"The wind was blowing so hard I couldn't hear anything but the roar and my ears began popping from the pressure", Soukup said.</p> <p>Total damage to property was estimated at \$80,000.</p>
	14	Night	?	?	0	0	5	0	Windstorm, tornado	
										<p>Thunderstorm winds gusting up to 75 m.p.h. ripped a path of destruction through the rural area southeast and east of Bonham. Several mobile homes were demolished or severely damaged. Several barns were damaged and a few roofs of rural homes were damaged also. One small tornado was observed dipping down to earth during the storm.</p>
TEXAS (continued)										
Kaufman County	14	Night	?	?	0	1	4	0	Windstorm, funnel aloft	<p>Severe thunderstorm winds raked Kaufman County. Mobile homes in some places were turned over, barns were destroyed, and other property damaged. Jerry G. Smith of Mesquite was driving a pickup truck on U. S. 175 near Kaufman when his truck was suddenly overturned by the wind. Gasoline spilled and the pickup caught fire. Mr. Smith was burned, but not critically, and the pickup was destroyed. At least one funnel aloft, that "roared like a freight train" according to witnesses, passed over Kaufman during the night.</p>
Commerces, Hunt County	14	Night	?	?	0	0	4	0	Windstorm	
Marion County										<p>High winds totally destroyed three airplanes at the Commerce Airport while one plane received severe damage and another received minor damage. Losses at the Airport were estimated at \$25,000. Both Gulf States United Telephone Company and Texas Power and Light Company suffered losses to poles and lines due to the storm.</p>
	21	8:00 p-8:15 p	7	* 1/4	0	0	4	0	Windstorm	<p>Severe thunderstorm winds damaged property around Lake O' Pines at Holiday Harbor, Gold Coast, and several other installations. Two barns were completely destroyed in the Prospect community and a house trailer was demolished near the Old Foundry Cemetery. Roof damage to several houses were reported in the Lodi, Berea and Hall communities. Downtown Jefferson escaped major damage. South of Jefferson near the Sherry Inn Motel at Forts' Mobile Home Park several large pine trees were twisted off about 15 feet above the ground and the remains were blown around the park.</p>
25 SE Galveston, Galveston County	30	10:55 a								Waterspout
5 SSW Nederland, Jefferson County	30	11:11 a								Funnel aloft

STORM DATA AND UNUSUAL WEATHER PHENOMENA

LATE REPORTS

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	
ALASKA	September 1971			None reported					
ARKANSAS	October 1971			None reported					
CONNECTICUT	September 1971								
Statewide except eastern sections	12-13	am-pm			0	0	5	0	Rain
	Torrential rains from early morning through late evening of the 12th and again on the 13th shattered many short period rainfall records in some locations. Scattered flash flooding occurred on both days. Torrents of water overwhelmed storm drains in scattered places from the New York State border to the Connecticut Valley and from the coast into southern Litchfield, Hartford and Tolland Counties especially on the 12th and again late on the 13th. Greatest damage occurred in New Britain and Newington, Hartford County, in Middletown and Haddam, Middlesex County, and in Shelton and Danbury, Fairfield County. Road washouts accounted for \$300,000 in damage in Middletown alone.								
ILLINOIS	July 1971								
Joliet, 12 miles W.	9	10:30a.			0	0	0	0	Funnel cloud
	Observed by pilot.								
Carbondale	14	Evening	?	?	0	0	?	?	Hail
	Golfball size hail reported.								
Hamilton, near	18	8:30P.	?	?	0	0	0	0	Funnel cloud
Nacomb	18	8:20P.	?	?	0	0	4	0	Tornado
	Trailers and barn struck.								
Moline, 8 miles SW	18	20:00P.	?	?	0	0	?	?	Hail
	Hail 3/4 inch in diameter.								
	August 1971								
Troy, 1 mile N	14	1:00P.			1	0	0	0	Lightning
	Boy driving a farm tractor was struck by lightning.								
Peoria, 5 miles W	14	3:50P.	?	?	0	0	?	?	Hail
	Hail of 1 3/4 inch diameter.								
Riddle, Jackson Co.	21	1:30P.	?	?	0	0	4	4	Tornado
	One trailer damaged and many roofs and utility lines. Crops damage considerable.								
Murphysboro	21	2:00P.	?	?	0	0	3	3	Hail
	Nine cars and 14 roofs were damaged by hail, most in southwest part of city.								
Carbondale	21	2:50P.	?	?	0	0	?	?	Hail
	Hail size of 2 3/4 inches.								
Alpha	21	6:00P.	?	?	0	0	?	?	Hail
	State Police reported hail 1/4 inch to golf ball size.								
Northbrook	21	6:35p.			0	0	0	0	Funnel cloud
Naperville	24	7:15p.	1	100 to 250 ft.	0	2	5	0	Tornado, lightning, wind, rain
	Tornado damage was from 75th and Modaff then to Washington about 1 block north of 75th on the south edge of Naperville. Direction of movement was east but began and ended moving northeast. Four homes received moderate damage and 12 received minor damage. Losses may exceed \$100,000. Lightning and rain delayed flights at Midway and O'Hare Airports. Skokie Valley Hospital emergency room was under water for five hours. Two inches of rain fell in 30 minutes.								
ILLINOIS	October 1971			None reported					
KANSAS	October 1971								
Northwest portion	29				0	0	4	0	Ice
	Power lines, telephone lines, and television antenna were damaged as freezing rain and/or freezing drizzle accumulated on exposed surfaces. Heaviest losses were in Phillips and Norton Counties but parts of DeSatur, Graham, Rooks, and Sheridan also had damage.								
Wichita County	30	5:00 a.			0	0	4	0	Lightning
	A lightning caused fire destroyed a home and contents 8 mi. north of Marienthal.								
MICHIGAN	October 1971								
Traverse City, 25 WNW, Leelanau County	9	4:40p.			0	0	0	0	Waterspouts
	Three waterspouts observed by public.								
MISSISSIPPI	June 1971								
Hinds County	30	Before 6:15 p.			1	0	0	0	Lightning
	A 9-year old boy playing baseball near his home was struck by lightning and killed.								
NEW JERSEY	March 1971								
Vineland, Cumberland County	19	6:20 p.			0	0	5	0	High winds
	Winds up to 70 mph destroyed four farm buildings in Vineland and blew apart a chicken coop housing 4,000 chickens in suburban Norma. Trees up to 14 inches in diameter were blown down. Numerous utility lines were damaged by falling trees or limbs. Some television antennas were damaged, and several cases of shingles being blown from roofs were reported.								
	September 1971								
Statewide	11-14				0	0	6	5	Heavy rains
	Heavy rains from the 11th through the 14th averaged 5.6 inches over the northern third of the State, with station totals as much as 9.1 inches. Amounts were less in central and southern counties, but considerable flooding occurred in many communities. Crop losses were significant throughout the State.								
NEW MEXICO	August 1971								
Chaves County	15	3:00 p.							Funnel aloft
	Funnel cloud aloft eight miles west-northwest of Roswell Industrial Air Center.								
Rio Arriba County	19	Afternoon			1	0	0	0	Lightning
	One man killed by lightning strike in El Rito Canyon.								
PACIFIC	NOVEMBER 1971								
Yap District, Western Caroline Islands	8-10	10:00 a., 8th - 4:00 p., 10th			0	0		6	Typhoon
	First located 35 miles west of Auripik Atoll as a tropical depression, Typhoon IRMA moved northwestward to about 30 miles east of Sorol Atoll before turning northward, passing within 20 miles west of Pais Island and about 30 miles east of Ulithi Atoll with winds 85 miles an hour or higher. IRMA then continued northwestward through Philippine Sea and recurved northeastward, moving parallel to and just east of Ryukyu Islands. Field survey estimated total crop losses from wind, salt water, and sea spray at \$1,036,000, of which about \$350,000 for islands not surveyed. Property damage appears to have been minimal.								
PENNSYLVANIA	June 1971								
Cambria County	30	Day			0	0	4	0	Lightning
	Eighteen milk cows were killed by lightning at a farm near Nicktown. The loss was estimated at \$7,200.								
RHODE ISLAND	September 1971			None reported					
TEXAS	June 1971								
San Antonio, Bexar County	22	Night			0	1	0	0	Lightning
	Joe Vasquez suffered minor injuries when lightning struck near him at his home, 3310 Saunders Street.								
	August 1971								
Southern Edwards Plateau	11-14				7	0	6	6	Flooding
	The body of another drowning victim, Walter Schweers, 40, was found in Verde Creek, bringing the total number of deaths to seven. See the August issue of STORM DATA for details of this storm.								
	September 1971								
SE Hereford, Deaf Smith County	23	a.m.			1	0	3	0	Flooding
	Joe Benavides, 20, of Hereford, drowned when the pickup truck he was driving was swept off a low-water crossing into flooded creekwaters, southeast of Hereford. The man's body was found about 250 yards from the vehicle.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

LATE REPORTS(continued)

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	
TEXAS (continued) Garland, Dallas County	24	Night			0	1	0	0	Lightning
									Lightning struck the flagpole in the north end zone at Williams Stadium in Garland while spectators were in their seats watching a football game. The lightning was reported to have traveled down the flagpole striking several umbrellas. One girl was injured when the lightning burned her on top of both shoulders after striking her umbrella. She was treated for injuries which were not listed as serious. On the east sidelines at the same time, lightning was reported to have struck several umbrellas, twisting the stems. Officials said no one in this group was injured although many spectators were "shaken up" a bit.
	October 1971								
11 SE Panhandle, Carson County	17	5:00 p.	1/4	50	0	0	4	0	Tornado
									A tornado destroyed a quonset hut and some farm machinery near the Fred King residence on the Van Carter Farm about 11 miles southeast of Panhandle. The tornado was on the ground only a few minutes.
6 SE White Deer, Carson County	17	9:30 p.	1/4	100	0	2	4	0	Tornado
									A tornado completely destroyed the home of Kenneth Jackson on the T. C. Jackson farm, leaving only the foundation standing. Miraculously, Jackson and his wife suffered only relatively minor injuries and their 2-year-old daughter escaped unhurt. Jackson said, "We were watching the news on television and hearing the tornado warnings," at the time the funnel struck their home.
TEXAS (continued)									"The house just exploded", Jackson said. Jackson, clinging to his daughter was blown about 30 yards from the point of impact and his wife Alice was carried approximately 10 yards. The tornado turned a grain truck up on two wheels against a pickup truck and spun their car sideways in what had been their garage, yet left a power mower standing, untouched. Property damage was estimated at \$20,000.
	November 1971								
Near Rosebud, Falls County	17	Afternoon	2	50	0	0	3	0	Tornado
									A tornado struck near Rosebud during a heavy rainstorm where it tore the roof off an equipment shed on the Halunka farm, then skipped over and caused additional damage to sheds on the Hiles farm, twisted the tops off some trees, then ripped off the roof and sides of a new equipment shed on the Zipperlen farm. The tornado missed the eastern edge of Rosebud by about 500 yards.
UTAH	NOVEMBER 1971								
	30	12:43 p.			0	0	0	0	Funnel cloud
									A small funnel cloud, as observed by the Salt Lake City Airport Control Tower, dipped down and then reentered the cloud without touching the ground.

CORRECTIONS

ALABAMA	May 1971								
Waterloo	24								Wind damage occurred on May 24 rather than May 25.
FLORIDA	May 1971								
Crestview, Okaloosa County	8								Correct time of this tornado should be 2:45 p.m., c.s.t. rather than 3:45 p.m., c.s.t.
KENTUCKY	April 1971								
Muhlenberg, Butler and Warren counties	27	7:20p.	30	100+	1	1	6	?	Tornado
LOUISIANA	February 1971								
Madison and East Carroll Parishes	21	2:50-3:45p.	35	440-660	11	18	6	0	Tornado
MARYLAND	August 1971								
Poolesville, Montgomery County	1	10 p.m.			0	0	4	0	Lightning
MINNESOTA	June 1971								
Red Wing Rochester Line	7	1:30 p. to 3:30 p.							4 Tornadoes
									Thunderstorms with small tornadoes moving south on a line from Red Wing-Mazeppa-Rochester.
1st-Red Wing Goodhue County	7	1:30 p.	1/10	50	0	0	0	0	
									Touched down near Red Wing at 1:30p uprooting a few trees. (photo published in newspaper)
2nd-Mazeppa 2E Nabasha County	7	2:52 p.	1/10	50	0	0	0	0	
									Touched down in open field
3rd-Rochester 1N Olmsted County	7	4:30 P.	1/10	50	0	0	0	0	
MINNESOTA (continued)									
									Touched down in city dump. (photo published in newspaper)
4th-Rochester Olmsted County	7	4:30 p.	1/10	50	0	0	3	0	
									Touched down in north Rochester causing minor damage to several homes in the Hilton Hills area.
MISSISSIPPI	February 1971								
Central and Northern Mississippi	21				110	1511	7	5	Tornadoes, Funnel Clouds Aloft
									Since the preparation of the February 1971 Storm Data, an additional three persons died from the effects of the tornadoes; leaving 1511 injured. The deaths (through December 31, 1971) as reported by counties is unchanged except Sunflower 28 and Yazoo 11.
Issaquema to Leflore Counties	21	3:43 p.-5:10 p.	75		36				Tornado
									An 80-year old woman died from injuries received in the tornado at Moorhead. The deaths from the effect of the tornado (through December 31, 1971) as reported by location is unchanged except Moorhead is now 4.
Sunflower County	21	4:00 p.-4:10 p.	8		3				Tornado, Funnel Cloud Aloft
									Civil Defense reported (through December 31, 1971) that those dead from the effects of the tornado at Rome were two adults and a baby.
Warren to Holmes Counties	21	5:06 p.-6:16 p.	69		13				Tornado
									A 71-year old man died from injuries received in the tornado. He was a resident of Bentonla, and the wind rammed a fence post through the lower part of his body.
NORTH CAROLINA	September 1971								
Coastal Plain	29-Oct. 1						5	7	Tropical Storm; Rain, Wind
									hurricane Ginger (Damage categories reversed in September report).
OKLAHOMA	April 1971								
Durant, Bryan County	22	About 7:45p.			0	0	3	0	Hail, wind
									Hailstones up to golfball size fell but no damage was reported. Wind caused minor damage mostly to trees. (To correct time previously reported as near midnight.)
	May 1971								
Purcell	6								Funnel cloud sighted 3:45 p.m. rather than 5:45 p.m. Report received from OKC at 3:50 p.m.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

CORRECTIONS (continued)

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	
OKLAHOMA (continued)									
Woodward, Woodward County	21	8:00p.			0	0	?	0	Wind, hail
		Corrects time previously shown as 6:00 p.m. Winds of 50 m.p.h. and golfball size hail damaged only trees in area.							
PENNSYLVANIA									
	May 1971								
North-Central	20								Hail and lightning storm reported on May 17 should be May 20.
TENNESSEE									
Arlington, Shelby County	23								Twister reported on April 23, 1971 should be corrected to read "funnel cloud aloft."
Ridgely, Lake Co.	27								Delayed Data June 1971. Hail reported erroneously on April 28, should be on April 27. Time about 6:00pm.
TEXAS									
Malone	6								Hail occurred in area on May 6. No thunderstorm activity on May 12, as reported
Possum Kingdom	9								Hail report received from SPS at 4:45p.m. Hail occurred at 4:35 p.m. rather than 6:30 p.m.
TEXAS (continued)									
Wellington	29								Hail 2-3/4 inches in diameter reported at Wellington about 7:50 a.m. on May 28, rather than May 29.
Honey Grove	1	June 1971							Strongest wind on June 1 at 12:01 to 1:00 a.m. instead of May 31.

- ^c 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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