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1971

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1971

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
ALABAMA		None	Reported						
ALASKA		None	Reported						
ARIZONA									
Douglas (6 Mis. SW)	7	4:00 p.	0	0	0	0	0	0	Funnel cloud
									A funnel cloud aloft was sighted from Douglas moving in a southerly direction. The cloud did not touch ground.
Paradise Valley	18	1:40 p.	1/2	50	0	0	4	0	Tornado
									A small tornado touched ground in the vicinity of 56th Street and Shea Boulevard. It moved east-northeastward along the north side of Shea Boulevard and crossed Scottsdale Road, touching the ground for about 15 minutes. Two houses in its path suffered considerable damage and several other buildings had roof damage. A second funnel cloud formed a short time later but did not touch the ground, and lasted only a few minutes.
Bisbee	28	Evening			0	0	4	0	Wind
									Strong winds damaged utilities and roofs of buildings.
ARKANSAS									Data not received by publication deadline.
CALIFORNIA									
Los Angeles Basin	16	Late Afternoon			0	0	0	0	Funnel cloud, hail waterspout
									Pilot reported funnel cloud in buildups south of Pt. Mugu at 4:00 p. and waterspout near Pt. Mugu from 4:15 p. to 4:20 p. Long Beach reported the first hail in more than 8 years. Hail was reported by pilots, and golf ball sized hail was reported at 4,000 feet about 7:05 p.
Los Angeles Basin	24	Forenoon			0	0	0	0	Funnel cloud and hail.
									Pilot reported funnel cloud 4 miles south of Long Beach from 8:52 a. to 9:06 a. Intense showers accompanied by hail were reported from several points within the basin later in the forenoon; some mudslides resulted.
COLORADO									
Denver	1	2:00 p.			0	1	4		Wind
									Severe wind gusts caused spot damage in scattered localities in northeast Denver. A brick wall of a bowling alley was blown down, the roof was blown from a garage, and some business signs were damaged. A man in the bowling alley was injured by flying glass.
Kiowa County	17	5:30 p.	5	500	0	0	5	C	Tornado
									Tornado about 15 miles southwest moved toward Eads but lifted before reaching town. Buildings and a large tractor were demolished at one ranch. Large patches of prairie sod along the path were lifted and blown away.
Wray, Yuma County	17	8:07 p.	1	200	0	9	6	-	Tornado
									Tornado moving from southwest struck a trailer court at the edge of town, demolishing 7 mobile homes, 2 cars and a pick-up truck. It then moved north through town along the main business street, destroying 5 business structures and damaging 50 to 60 other buildings and homes. Path may have been longer but areas on both sides of town are open fields with no trees. Injuries, all at trailer court, were fewer than might have occurred because business area was nearly deserted at that time of evening. Trees up to 3 feet in diameter were uprooted, roots pulling up 10 to 15 feet of sidewalk. There was no sighting of funnel, probably because of heavy rain at the time.
CONNECTICUT									
South Windsor, Hartford Co.	6	12:20p.			0	0	3	0	Hail
									Thunderstorm with 3/4 inch hail.
DELAWARE									
Northern portion	9-10				0	0	4	0	Rain, flooding
									Steady rain for many hours caused minor flooding in scattered areas. Damage was mostly to roads and to flooded basements. Most one-day rainfall on the 10th was over three inches. The Wilmington Porter Reservoir weather station reported a total of 4.18 inches on the 10th, a record-breaking October one-day total for this long-term station.
New Castle County	14	2:00 p.-3:00 p.							Hail
									Hail up to 3/4-inch size was reported 8 miles south of the National Weather Service weather station at the Greater Wilmington Airport. There were other reports of hail in the county.
Southern portion	23-26				0	0	4	0	Rain, flooding
DELAWARE (continued)									
									Four days of rain over the "Veterans Day Weekend" brought minor flooding to scattered areas. Most totals ranged between three and four inches. Of interest, the heavy rain proved a solution to the problem of power blackouts that affected Atlantic coastal areas. Steady northeasterly winds had caused a salt coating to build up on power lines and insulators during the days just preceding the rain period.
FLORIDA									
5 W Key West	01	3:34p.							Funnel aloft
30 W Ft. Lauderdale	03	4:37p.							Funnel aloft
8 NNW Key West	04	4:16p.							Funnel aloft
6 SSE Palm Beach	07	12:44p.							Funnel aloft (3)
									Several funnel clouds reported by public.
30 SSW Miami	11	11:15a.							Funnel aloft
28 S Tallahassee	14	10:50a.							Funnel aloft
10 NNW Ft. Lauderdale	14	12:56p.							Funnel aloft
15 NW Palm Beach	15	1:10p.							Funnel aloft
8 NE Key West	15	1:58p.							Funnel aloft
4 ENE Key West	15	2:54p.							Funnel aloft
Vcnty Key West	15	3:20p.							Funnel aloft
Tampa	17	3:15p.	1/4	10	0	0	4	0	Tornado
									Reported by public at Waters Ave. and Sheldon Rd. in Tampa, 3 trailers were reported damaged.
12 NNW Key West	17	4:50p.							Waterspout
12 S Fort Myers	17	5:10p.							Funnel aloft
Vcnty Daytona Beach	18	9:10a.							Funnel aloft
15 SE Orlanda	18	10:05a.							Funnel aloft
8S Long Key	19	5:30p.							Pilot reported 8 S of 7-mile bridge Waterspout
8 SE Palm Beach	23	7:20a.							Waterspout
19S Tampa	23	1:00p.							Several sightings of funnel clouds by public (2)
5 E Tampa	23	2:44p.							Sighted East of Tampa International Airport.
10 S Sarasota	23	3:10p.							Funnel aloft
25 NW Palm Beach	23	4:40p.							Funnel aloft
									Large funnel cloud observed by Pratt and Whitney Personal.
Vcnty Key West	25	6:14a.							Waterspout
5 E Daytona Beach	28	4:15p.							Waterspout
GEORGIA									
Savannah Beach	9	9:22 a.							Waterspout
									Reported by Coast Guard near Tybee Light, 10 miles southeast of Savannah. Reported as being 10-15 feet in diameter.
Glynn County	22	4:20 p.							Funnel Cloud
									Reported by pilot as a tornado. Since we were unable to confirm or obtain additional information, do not believe it reached the ground.
HAWAII									
6 miles south of Honolulu Airport, Oahu	18	10:56 a.-10:58 a.							Waterspouts
									Two greyish columnar waterspouts about 500 yards apart extended straight down to ocean surface from cumulonimbus clouds with estimated base 2,500 feet and tops 28,000 feet. After waterspouts dissipated, rain showers drifted into area. No discernible movement noted.
7 miles south of Pearl Harbor, Oahu	18	About Noon							Funnel cloud
									Funnel cloud extended halfway down to ocean surface from cumulonimbus cloud with estimated base 2,500 feet and tops 28,000 feet. No movement noted during waterspout's one-minute appearance.
West of Oahu	18	2:00 p.-about 2:10 p.							Waterspouts

See reference notes for all pages at end of table.

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HAWAII (continued)									
		Three waterspouts were reported by pilot and shore observer as about 7 miles west of Makaha. Movement unknown. Large cumulonimbus clouds and showers in vicinity.							
South of Lahaina, Maui	28	5:05 p.							Waterspout
		Reported by pilot and shore observers as 2 miles south of Lahaina. Heavy showers in vicinity.							
IDAHO									
11 1/2 miles northeast Mountain Home, Elmore County	1	8:15 a.			1	1	3	0	Ice
		Car skidded on ice and ran head-on into a cattle truck.							
Seven counties north through east of Pocatello	1	a.m.			0			4	Snow
		Heavy snowfall stopped potato digging resulting in loss to some 25,000 acres of potatoes in the ground that could not be harvested productively. Many trees were damaged. Traffic accidents increased in area.							
Homedale, Owyhee County	2	4:30 p.			0	0	3		Lightning
		Four small animals were killed when lightning struck a residence. A fire was set causing considerable damage before controlled.							
Hamer, Jefferson County	13	3:25 p.			0	0	3		Strong wind
		A freak windstorm passed through the Hamer community leaving a nearly completed warehouse, a mass of broken wood and metal. The wind lifted the northeast end of the building and dropped it in the middle of the structure. Possible circular motion reported by some observers.							
Eastern Idaho	17-18	Night			0	7	4	4	Snow
		A heavy snowstorm left depths to 10 inches. More in higher elevations broke thousands of tree limbs and caused many power outages similar to the first of the month. Airline traffic, highways and schools were affected as well as reducing hope of salvaging potatoes in the ground.							
Southwest Idaho northward into Idaho and Valley counties	27	a.m.			2		3		Snow
		Snow above 2,000 ft. elevation and heavy snow above 3000 to 4000 ft. rode on gusty winds and cold temperatures stranding hunters. Snow depth reports ranged from one inch in the Boise area to 8 inches at Grangeville. Traffic was disrupted, roads were closed in some areas and some utility lines were damaged.							
ILLINOIS									
		Data not received by publication deadline.							
INDIANA									
Fayette County	13	evening	?	?	0	0	4	3	Lightning, Hail
		House was gutted by fire about 5 miles south of Milton after being hit by lightning. Scattered wind damage in surrounding area. Hailstones the size of golf balls were reported in the Whitewater area.							
Logansport, Cass County	23	4:30 p.m.	1/4	30	0	0	2	0	Tornado
		Small tornado touched ground briefly at Tall Sycamore Campground. Few outbuildings damaged. Debris carried 1/4 mile.							
IOWA									
Fostoria, Clay County	1	1:00 p.			0	0	4	0	Lightning
E O'Brien and NW Clay Counties	1	1:30 p.			0	0	4	4	Hailstorm
		One inch hail O'Brien County and 1 3/4 inch hail in Clay County.							
4N Sutherland, O'Brien County	1	1:53 p.	3	3500	0	0	4	5	Windstorm
		Swath two miles wide destroyed buildings and corn crop. Hail to 2 inches diameter caused about 10% of damage. Extensive damage to soybeans.							
4N Sutherland, O'Brien County	1	1:55 p.	10		0	0	5	4	Tornado
		Buildings leveled at three farmsteads. Tornado moved NE. Losses about 75,000 dollars. Damage path ended near Everly.							
Duncombe, Webster County	30	2:15 p.			0	0	2	4	Windstorm
Bode, Humboldt County	30	3:00 p.			0	0	4	0	Windstorm
Popejoy, Franklin County	30	3:00 p.			0	0	4	0	Windstorm
IOWA (continued)									
Northwood, Worth County	30	3:40 p.			0	0	4	0	Windstorm
Wyoming, Jones County	30	5:45 p.			0	0	4	0	Windstorm
		Mobile home and several homes heavily damaged, two-car garage destroyed.							
KANSAS									
Garden City (near)	17	10:25-10:40 p.	5	50-200	0	7	4	0	Tornado
		Tornado, moving NE, had an intermittent path from 2 mi. west to 1 1/2 mi. north of Garden City. Path width varied from 50 to 200 yards.							
Logan County	17	7:45 p.	1/2	250-300	0	0	4	0	Tornado
		Tornado, moving from southeast to northwest, touched down about 5 miles NW of Winona destroying a farm home.							
Rawlins County	17	9:07 p.	4	*1/4	0	0	4	3	Tornado
		Tornado, moving north, hit a farm about 12 mi. NW of Atwood.							
Cheyenne County	17	10:15 p. (MST)	1/2	100	0	0	4	0	Tornado
		Tornado, moving NNE, hit the southern edge of St. Francis, destroying a mobile home and exploding the east wall of a cafe outwards.							
Western one-third	17-18	eve of 17; night of 17-18			0	0	5	4	Wind, hail
		Heaviest wind damage occurred north of Brewster, southeast of Syracuse, southeast of Montezuma, north of Ensign, and in northwestern Decatur County. Hail damage was scattered; heaviest hail occurred in northeast Stanton County where 4 to 5 inches accumulated on the ground.							
Ellis County	26	2:50 p.							Funnel aloft
		Funnel aloft observed 10 mi. west of Hays.							
KENTUCKY									
State	15				0	0	4	0	Lightning
		There were scattered thunderstorms over the State, a greater number being reported in the western and central sections than elsewhere. In southwest Kentucky, near Murray in Calloway County, a barn and contents were destroyed by fire set by lightning about noon. In northwest Kentucky, in Henderson, in Henderson County, a home was damaged by lightning about 1 p.m. In south-central Kentucky, Scottsville in Allen County, lightning damaged two adjacent homes.							
LOUISIANA									
Plaquemines Parish	6	11:15a							Waterspouts
		Pilot reported sighting waterspouts in heavy thunderstorms in the vicinity of South Pass and Southeast Pass, mouths of Mississippi River.							
MAINE									
State	6	Late afternoon, evening			0	0	3	0	Lightning, wind, hail
		Thunderstorms in many sections with mostly minor local damage from wind and lightning. Small hail in some areas.							
State	10	Afternoon			0	0	4	0	Heavy rain
		Rainfall generally 1 to 3 inches, causing local flooding and water damage, especially in the Portland area.							
Fort Kent	12	3:40 p.	0.1	2	0	0	2	0	Tornado
		Very narrow funnel moved eastward. Damage only to trees and utility lines.							
MARYLAND									
Eastern portion	9-10	p.m., p.m.			0	0	4	0	Rain, flooding
		Steady rain for many hours caused minor flooding in scattered areas, especially along streams and in low-lying streets and highways. Many over two-inch totals were reported on the 10th. Some of the three-inch totals included 3.41 inches at Elkton, 3.11 inches at Eastern Neck Island and 3.02 inches at Chestertown. During this period some temporary power and telephone failure was noted. In Cecil County, fireman reported numerous requests to pump out flooded basements.							
State, especially eastern portion	23-26				0	0	5	0	Rain, flooding
		Four days of rain over the "Veterans Day Weekend" brought minor flooding and at times flash flooding to scattered areas. There							

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					KILLED	INJURED	PROPERTY	CROPS		
MARYLAND (continued)	<p>was minor flooding again in many of the same areas affected by the floods early in this past August. The most serious damage was to roads and to flooded basements. In the tri-county area of Southern Eastern Shore, heavy rain on the 25th-26th caused flash floods in many sections. The Salisbury Police reported almost every major intersection flooded at the height of the storm and water to depths of 20 inches in some streets. The following are some unusually large totals (in inches) as reported on the 26th: Salisbury State Police Station, 5.90; Univ. of Maryland Vegetable Research Farm, 6.10; Salisbury Water Plant, 5.40; Princess Anne, 4.44; and Poplar Hill Research Farm, 3.80. Those totals over four inches were record one-day October totals. Many of the four-day totals over the state (except Garrett County) exceeded three inches and included such totals as: Salisbury State Police Station, 8.10; Univ. of Maryland Vegetable Research Farm, 7.52; Princess Anne, 6.70; Snow Hill, 5.46; Chestertown, 4.80; Leonardtown, 4.62; Royal Oak, 4.04; Hagerstown, 3.90; Baltimore City Office, 3.86; Frostburg, 3.06 and Frederick, 3.05. Of interest, the heavy rain proved a solution to the problem of power blackouts that affected the Atlantic coastal areas. Steady northeasterly winds had caused a salt coating to build up on power lines and insulators during the days just preceding the rain period.</p>									
Eastern portion	28 & Mornings 29								Fog	
									Dense fog caused traffic slow-downs and interruption to air travel. Many traffic accidents were reported on the 29th.	
MASSACHUSETTS State	6	Afternoon			0	0	4	0	Lightning, wind, hail	
									Thunderstorms struck nearly everywhere, with scattered but mostly minor lightning damage and a little wind damage. Winds gusted to 50 mph at Chester. Late-season hail locally, mostly under 1/2 inch size.	
MICHIGAN Mancelona, Antrim County	5	8 pm			0	0	0	0	Hail - Wind	
									High winds caused power failures and toppled trees as the thunderstorm, accompanied by hail, moved eastward through northern Michigan. The hail stones were described as bigger than marbles.	
Ypsilanti, Washtenaw County	13	3:30pm			0	0	0	0	Hail	
									A thunderstorm with 1/4 to 3/4-inch hail caused only minor damage.	
Ironwood, Gogebic County	27	3- 3:30pm			0	0	4	0	Wind	
									A vigorous storm moved northeastward over western Lake Superior producing wind gusts from 80-100 mph at the airport. The wind pressure caved in a large section of the metal panelling on the south side of a 90-foot bark burner. Some wind damage to trees was reported in many other areas.	
MINNESOTA Southern Minnesota	1	Afternoon & Evening			0	0	2	0	Lightning	
									Lightning striking power lines in Fairmont at 1:00p caused power outages for 1-1/2 hours and also struck a house in Winona early evening causing minor fire damages.	
Sebeka, Wadena County	16- 17				0	0	4	0	Lightning	
									Lightning on the 16th struck near Sebeka burned a barn and again at 11:00p it destroyed 1,000 bales of hay. Lightning struck 3 homes in the Cormorant and Pelican Lake area late on 16th and early on 17th causing minor damages. Power outages from lightning were noted at Park Rapids, Pelican Rapids, Perham and Henning.	
Hackensack 4SSE, Cass County	18	9.30 p			0	0	3	0	Local winds	
									Very localized storm across northwest edge of Four Point Lake 4 miles SSE of Hackensack damaged several cabins and blew many trees down.	
Central & East Part of State	27	Forenoon & Afternoon			0	0	5	4	Strong winds	
									Strong winds from a low pressure center moving northeast through central and northern Minnesota destroyed a 465 ft. FM tower at Willmar at 10:30a; a mobile home being towed south of Rochester at 8:30p; a smokestack at Zumbrota; damaged the screen of a drive-in theater at Duluth; and blew down several trees and power lines at Rush City. Some crop damage from corn blowing down and the corn ears falling off occurred in southeast Minnesota.	
Entire State	30- 31				0	0	5	4	Strong winds and snow	
MINNESOTA (continued)	<p>Strong winds from a fast developing low pressure in west central Minnesota and moving north-northeast occurred in the southeast part of State late afternoon on the 30th and in the north shore area of Lake Superior by early morning of the 31st. Wind speeds of 40-50 mph were common across the State and localized winds in the south-east 60-75 mph occurred along the front or in the heavier rain showers. On the 30th winds destroyed: a small storage building, a boat lift, tore siding off a barn on the east side of Lake Tetonka in Le Sueur County during the afternoon; the roof of a barn was blown into machinery, a truck and other buildings causing \$15,000 damage on one farm and damaged other small farm outbuildings east of West Concord late afternoon; blew off 200 feet of grandstand roof at Caledonia early evening; destroyed two barns and a machine shed 3 miles north of Zumbro Falls at 4:50p and destroyed a mobile home at Lake Pepin campground. On the 31st, southwest winds from 60-70 mph along the north shore of Lake Superior were considered the strongest from that direction in years. Small tree damage along the shoreline was extensive, shoreline erosion and some flooding was noted. Waves destroyed a retaining wall at Bear Tree Park and flooded a motel and other business locations in Grand Marais. Maximum winds of 68 mph occurred at Grand Marais between 3:00a and 4:00a. Late on the 30th and into the 31st wet snow then freezing temperatures in the west central and northwest part of State left most roads ice-covered into the 31st. Winds blew down corn with corn ears falling off in some agriculture areas.</p>									
MISSISSIPPI Lowndes County	4	3:30 p.	2	250	0	0	3	3	Tornado, Heavy Rain	
									Storm moved from SSW towards NNE. Woman reported it was sunny, then the dark clouds; a funnel could not be seen on account of the rain. A small tornado dipped several times with damage on two dairy farms on Old West Point Road, 8 W Columbus. Before and during the wind damage, some small hail covered the ground up to a depth of 1/4 inch. In less than 1/2 minute the wind was over, then the rains were heavy. An equipment barn had roof damage; a barn filled with hay had its roof and rafters lifted and blown towards north; barn damages estimated \$2,600. Rain damaged 4000 bales of hay, loss estimated \$1,500. There were 16 trees blown down, part in one direction and part in another, mostly towards S. Most of the damage within an area 250 yards wide and 1/4 mile long; a telephone pole was downed a mile away. Flying tin decapitated one cow, loss \$450; seven other cows were injured.	
MISSOURI	None Reported									
MONTANA Southeastern Montana, South and East of Miles City	1-2							5	5	Heavy snow & rain
									A general rain on the 1st changed to heavy, wet snow late that evening over hilly country south and east of Miles City, closing several roads, and causing telephone and/or power outages that lasted as much as three weeks in the hardest hit areas. One report from Broadus listed up to 300 poles down, 60 more with crossarms broken, and many miles of line a total loss. The rain preceding the snow was heavy enough to cause some lowland flooding, and the unusually wet weather was followed by abnormal cold which froze a portion of the 1971 sugar beet crop into the ground.	
East Slope of Continental Divide, Livingston North	11-13 25-26							4	0	Wind
									There were several windy periods in this area during the month, at least two of which (11th-13th; 25th-26th) overturned a few house trailers, damaged construction in progress, and in isolated cases damaged roofs and doors of conventionally constructed buildings. Much of the damage was superficial, but some was not.	
NEBRASKA Scattered Areas Across State	1	Afternoon & Evening	-	-	0	0	4	4	Hail, damaging winds	
									Isolated areas of hail and damaging winds reported in many parts of State. The heaviest hail occurred in Hayes County where local areas received stones up to 2" diameter that covered the ground to a 2" depth. Wind damage to trees, sheds, etc. was reported at isolated spots near Scottsbluff, Arthur, Hayes Center, McCook, and Clearwater. Farm house burned to ground near Ravenna after being struck by lightning.	
Keith County	17	About 6p	-	-	0	0	4	0	Damaging winds	
									Several sites in and near Opallela damaged by high winds. Damage to trees, farm buildings, and trailer house.	
Arthur County	17	8:30p	Short Narrow	0	0	4	0	0	Damaging winds	
									Struck ranch site 11 miles southwest of Arthur, destroying sheds and damaging a center pivot irrigation system.	
Deuel County	17	About 8:45p	Short Narrow	0	0	4	0	0	Tornado	
									Moved northward from a point six miles southeast of Big Springs. Damaged or destroyed farm buildings at several sites. This tornado may have been produced by the same storm cell that gave way, Colorado a tornado at 8:07p.	

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NEBRASKA (continued)									
Keith County	17	10:20p	10	300	0	0	5	0	Tornado
Touched down south of town and moved northeasterly touching down intermittently. Moved through eastern portion of Paxton damaging about 25 homes, several severely. Last noticed 8 miles northeast of Paxton where a barn was destroyed.									
Guster County	18	1:10a - 1:25a	20	200	0	0	4	4	Tornado
Touched down about 10 miles south of Arnold and moved northeastward to Pleasant Hill community. Destroyed power lines, grain bins and small buildings where it first touched down. Path was mostly over open country but severely damaged corn fields, shelter belts, etc. enroute. Triller home and farm buildings damaged at Pleasant Hill.									
NEVADA	None Reported								
NEW HAMPSHIRE									
State	6	Afternoon			0	0	4	0	Lightning, wind, hail
Thunderstorms struck nearly everywhere, bringing some locally damaging wind and some losses from lightning, with a home badly damaged in West Campton. Hail in some areas, up to about 1/2 inch size.									
NEW JERSEY									
Mornton and Ocean Counties	14	Afternoon			0	0	4	3	Hail
Thunderstorm activity with hailstones 3/4 to 1 1/2 inches in diameter occurred over central and eastern Mornton County and northeastern Ocean County. Some damage to houses and vehicles, and minor crop damage was reported.									
NEW MEXICO									
Tucuman	17	11:08 a.			0	0	?	?	Hail
Hail to 3/4-inch diameter at airport.									
Catron and Grant Counties	24-25	Morning Afternoon			0	0	?	0	Heavy rain
Rains, totaling 1 1/2 to 2 1/2 inch or greater, caused extensive road washouts, isolating the town of Mogollon and several camping areas. Footbridge and two bars washed downstream near Gila Cliff Dwellings. Many people stranded. Redrock observer reported highest flood in several years passed at noon on the 26th, on the Gila River.									
Northwestern New Mexico	29	Afternoon			0	3	?	0	Wind
Wind gusts to 82 m.p.h. at Farmington damaged trees and power lines. Trees toppled at Los Alamos. Three persons cut by flying glass from restaurant window at Albuquerque where gusts to 60 m.p.h. also toppled trees, downed utility poles, tipped over taxiing light plane and mobile home, and damaged roofs.									
NEW YORK									
Lake Erie	6	0720 a.							Waterspouts
Up to six waterspouts observed over the lake, 13 miles south southwest of Buffalo. None moved inland.									
Chester, Orange County	6	Early p.m.			1		4		Wind
Strong wind gust caused collapse of steel girder framework at construction site. Workman fatally injured in 35-foot fall.									
Hudson Valley (lower) and New York City	10	All day					5		Rain, flooding
Sustained rains, lasting most of the day, yielded 2.0 to 3.0 inches to coastal sections and lower third of the Hudson River Valley. Gaving and extensive erosion resulted to sewage construction project in downtown Kingston, Ulster County. Flooded streets and basements, clogged sewers and washouts of mud and debris occurred on Staten Island and in Borough of Queens. Sewer construction site in Brooklyn sustained cave-in.									
NORTH CAROLINA									
Coast	10				2	0	4	0	Wind
Several small craft in trouble along coast due to wind squalls; some supplies and radio-radar equipment lost. Two such craft found adrift; operators (identified) missing and presumed lost.									
Buncombe, Henderson and Macon Counties	15	3-8 p.m.					4	0	Electrical
Three separate occurrences of lightning damage in southern mountains. Structural damage to two homes, one fire; power outages in the areas.									
NORTH CAROLINA (continued)									
Cleveland, Gaston, Lincoln & Necklenburg Counties	15-16	8:00 p. - 8:00 a.					5	4	Rain; Flash Floods
Rains up to 5 inches in a few hours caused flash flooding several areas. Homes, mobile homes and business buildings flooded; roads and bridges washed out; farms eroded; crops damaged.									
Richmond County	16	6:00 a.					4	0	Electrical
Church, home and business building in Rockingham damaged by lightning.									
Carteret, Craven, Jones & Onslow Counties	22-23						4	4	Rain
Three to eight inches in a little over 24 hours overtaxed both natural and artificial drainage facilities. Sewage systems backed up, basements flooded. Much flooding in Jackswnville, Atlantic Beach, and Newport; also rural lowland flooding on New and Trent Rivers and their tributaries.									
Franklin, Granville, Person, Wilson Counties	23-25						4	4	Rain
Up to 5 inches associated with weak low pressure area, ending in some places with heavy downpour of about an inch in a few hours. Drainage facilities overtaxed in Oxford, Roxboro and Louisburg, flooding roadways and basements. Low-lying rural areas flooded.									
Wilkes County	26-27						4	4	Rain
Heavy rain caused bursting of an earthen dam; subsequent flooding downstream destroyed farm buildings, machinery and crops.									
Eastern North Carolina	1-31						5	7	Rain
October was the rainiest month since 1955 and the rainiest October of record in many areas of North Carolina. Crop damage which began with Hurricane Ginger was aggravated and multiplied by subsequent rainy and humid weather, which caused rotting and sprouting in fields of corn, peanuts, soybeans and cotton. Forty-five eastern North Carolina counties declared a disaster area. Damage categories listed are in addition to Hurricane Ginger report for September and local figures assigned to specific dates and locations in October report, above. Note: In September report, damage attributed directly to Ginger should be corrected to read: Property 5, Crops 7, instead of the reverse.									
NORTH DAKOTA									
East & Northeast Part of State	30-31				0	0	?	0	Snow storm
Moderately strong and a fast developing low pressure system moved north-northeast through western Minnesota late on the 30th and into the 31st. Strong winds about 30-40 mph and heavy wet snow of 3 to 10 inches were reported through eastern part of the State, the heavier snows were in the north. The water content of the wet snow was about one inch across the area. Many motorists were stranded throughout the area and at 8:00p on the 30th some 170 cars were reported stranded or in the ditch on I-94 between Jamestown and Valley City.									
OHIO									
Painesville, Lake County	11	2:45p							Waterspouts
Public reported two waterspouts moving eastward over Lake Erie.									
Bloomville, Seneca County	13	6:00p			0	1			Electrical
A Bloomville youth was struck by lightning while driving a tractor. The bolt of lightning knocked the 13-year old from the tractor. The youth was hospitalized.									
Avon Lake, Lorain County	13	7:15p	0.5	100	0	1	4		Tornado and rain
A small tornado moving toward the northeast touched down briefly near the Avon Lake Shopping Center breaking out several windows, downing trees and flipping over a construction trailer. Witnesses saw the funnel and reported a loud "rbar". One person was in the trailer when it was thrown against a tree. Heavy rain accompanied the storm.									
OKLAHOMA									
Eastern Half Cimarron County, Texas, Beaver, Harper, Woods, Alfalfa, Woodward and Ellis Counties	17	Evening			0	0	?	?	Wind, hail and heavy rain
Strong wind gusts up to 65 m.p.h., hailstones up to 1 3/4 inches in diameter and heavy rain caused minor damage to homes and farm buildings, and in a few areas, mostly in Cimarron County, there was considerable damage to the grain sorghum crop.									
Lake Cologah, Rogers County	18	12:55 p.	?	?	0	0	0	0	Waterspout
A pilot saw a waterspout lifting water 50 to 100 feet into the air.									
Durant, Bryan County	19	10:59 p.	1/4	75	0	0	4	0	Wind

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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)									
Eastern Oklahoma	20	a.m. and p.m.			0	0	1	0	Flash flooding
Valley Brook, Oklahoma County	30	11:00 a.	*100	10	0	0	3	0	Tornado
Rufus, near Sherman County	13	about 6:30a.	?	?	0	0	4	0	Wind
Aurora, near Marion County	14	4:50p.					0	0	Funnel aloft
Aurora, near Clackamas County	14	about 5:30p.					0	0	Funnel aloft
Coast of Oregon	18-19	11:00p.-3:00a.	250	*20	0	0	4	0	Wind
Entire State	28, 29				0	0	?	?	Cold Spell
PACIFIC	None Reported								
PENNSYLVANIA									
Susquehanna County	11	Early morning			0	0	4	0	Lightning
Erie	11	12:38 p.m.	?	?	0	0	0	0	Waterspout, hail
PUERTO RICO									
Mayaguez	26	Afternoon			0	0	5	0	Heavy rains
RHODE ISLAND									
None Reported									
SOUTH CAROLINA									
Cherokee, Union and Spartanburg Counties	15-16	5:00 p.-4:00 a.			0	0	5	2	Thunderstorms, heavy rain, lightning
SOUTH DAKOTA									
Near Cottonwood to Milesville, Haakon County	1	2:30 p.-4:30 p.	30'	*1/8	0	0	5	5	Hail
5W Onida, Sully County	1	7:30 p.	1/2	300	0	0	4	0	Tornado
.5N Stanley Corner, McCook County	1	10:15 p.			0	0	4	0	Tornado
Northern Black Hills area, Pennington County	2				0	0	5	0	Snowstorm and wind
5W Oelrichs, Fall River County	17	Evening	?	?	0	0	?	?	Hail
Near Dallas, Gregory County	18	2:30 a.			0	0	4	3	Tornado
Cedar Butte, Mellette County	19	3:15 p.			0	0	0	0	Earth tremor
Eastern South Dakota	30-31	Late 30-early 31			0	0	?	0	Icing
TENNESSEE									
Macon, Smith Troupdale Counties	15	p.m.			0	0	4	0	Heavy rain, flash flooding
TEXAS									
10 WSW Sabine Pass, Jefferson County	1	9:30 a.							Funnel aloft
Near Crane, Crane County	3	4:05 p.							Funnel aloft

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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	INURED	PROPERTY	CROPS	
TEXAS (continued)									
Dallas, Dallas County	3	6:55 a-10:00 a			3	0	3	0	Flash flooding
					Three persons were swept away and drowned by the rushing waters of White Rock Creek in North Dallas when a pickup truck stalled at a low water crossing on Greenville Avenue. Mrs. Jack Perkins, 26, and her son Robert, 8, drowned when they attempted to flee the stalled vehicle. A Dallas Public Works employee, Sam Catherwood, 28, also drowned when he attempted to rescue the mother and child. Later, the truck itself was washed off the road into White Rock Creek. The Dallas National Weather Service Office at Love Field recorded 3.96 inches of rainfall for the 24-hour period ending at midnight of the third.				
Lufkin, Angelina County	3	5:30 p	1/2	7	0	0	2	0	Tornado
					A small tornado skipped across Lufkin and touched down briefly at least twice, but caused only minor damage. In the downtown area, the tornado flipped the plastic awning from the front of Austin's store and damaged a metal awning on Lep's Jewelers, next door. A TP & L powerline pole on Kerr Street was ripped up by the small tornado.				
3 W Uvalde, Uvalde County	3	9:30 p			0	1	3	0	Windstorm
					Thunderstorm winds were blamed for a bus accident on U. S. Highway 90, 3.3 miles west of Uvalde, that required the hospitalization of one of the 18 passengers on the bus owned by the Kerrville Bus Company. The wind was blowing hard, and the driver had slowed down the bus because of the heavy rain. A gust of wind apparently span the vehicle, a 1965 GMC coach, around in the road; it skidded broadside off the road on the north side, and fell over on its side. At the time the bus came to rest on its right side, the vehicle was headed west, the opposite direction it had been travelling. Windows on the right side, the windshield, and seats were broken.				
5 N Longview, Gregg County	5	11:10 a-11:15 a							Funnel aloft
33 NW Brownsville, Cameron County	6	4:00 p							Funnel aloft
5 SW Rockport, Aransas County	8	1:14 p							Funnel aloft
Near McAllen, Hidalgo County	13	3:17 p							Funnel aloft
Near Port Aransas, Nueces County	16	9:20 a							2 Funnels aloft.
6 1/2 NW Huntsville, Walker County	16	5:15 p-5:35 p	1	*1/4	0	0	3	0	Tornado
					A tornado touched ground at Crabbs Prairie, 6 1/2 miles northwest of Huntsville and caused slight damage to several houses. Total property damage was estimated at \$1,000.				
Duval, Jim Wells and Live Oak Counties	16-18				1	6	6	4	Flooding
					Very heavy rains fell during the night of the 16th in the area west of Lake Corpus Christi, and north of San Diego. Amounts reached 15 inches, and possibly as much as 20 inches near Clegg in southwestern Live Oak County. Flood control dams north of San Diego were already impounding water to their maximum capacity so that the runoff flowed through unretarded. Extensive flash flooding occurred at San Diego, with one person drowning and 200 families flooded out of their homes. Water rose to about 12 feet deep in some parts of the town. About 10 homes were covered above their rooftops. At Alice, minor flooding occurred in the north central section of town. Heavy flooding occurred on the 17th on Spring and Ramirez Creeks, tributaries to the Lower Nueces south of George West. Considerable damage was done to roads and a rail-road, including bridge washouts. U. S. Highway 281 was closed south of George West for about a week. Numerous farm roads crossing San Diego and Petronilla Creeks were closed on the 17th and 18th.				
Lamb, Castro and Hale Counties	17	3:00 p-9:30 p	35	100	0	4	6	6	6 Tornadoes, 2 funnels aloft, wind, hail, heavy rain
			30	100					
			38	100					
			10	100					
			1/4	50					
			1/4	50					
					Six tornadoes, accompanied by damaging winds, hail and heavy rain, caused heavy destruction to rural property and crops from near Amherst in Lamb County, northeastward to the vicinity of Hart in Castro County. Four persons were injured by the tornadoes, but none seriously. The first tornado cut a discontinuous path about 35 miles long and 100 yards wide from just west of Amherst to 3 1/2 miles west of Olton, to northeast of Hart. It was observed west-southwest of Olton about 7:05 p.m. and caused heavy damage at four rural homes northeast of Olton, and additional damage to rural property northeast of Hart. The second tornado, and largest, began north of Amherst, passed just east of Springlake and just west of Hart. The path of the vortex of this tornado was estimated to be 400 yards wide at times, with damaging winds extending outward a distance of three miles. This tornado cut a meandering "snake-like" path and caused the most damage. It was				

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
TEXAS (continued)									
					tracked in a jeep, by Wayne Cole, Cooperative Weather Observer, who estimated its speed at about 50 m.p.h. as it swung from left to right, while moving forward and putting a sine wave pattern on the ground. This vortex passed between Springlake and Olton, several miles west of the first funnel, at about 7:15 p.m. The tornado hit the Paul Armstrong farm, southwest of Hart, too quickly for the two families living there to reach their storm cellar. Mr. and Mrs. Dick Scott and their two children were hurled 40 to 50 feet through the air toward a tree row, but apparently they landed on their own mattresses, near the base of the trees. Only Peggy Scott was injured. There was no trace of the bedroom in which they had taken refuge. None of the other children inside the house were hurt. The third tornado followed almost the identical path of the first tornado, trailing it in time by about 45 minutes. This vortex, about 100 yards wide, was aloft when it passed about 3 1/2 miles west of Olton, but passed directly over the path of the first tornado, and forced rescue and survey personnel to run for cover. This tornado had a discontinuous path of about 38 miles, and caused property damage northeast of Hart. The fourth tornado was first observed near Fidditon, and passed southeast of Olton about 9:00 p.m., where it ripped up about 1/2 mile of fence. Two smaller tornadoes with paths about 1/4 mile long touched down northeast of Olton around 9:30 p.m. without causing any known damage. Two additional funnels were observed about 7:10 p.m., but are not known to have touched ground. Several witnesses reported two tornadoes on the ground and two funnels aloft at the same time. All of the funnels had a characteristic "freight train" roar and appeared silver gray in color until they touched ground then changed to a green color. In Lamb County, hail occurred some two hours before any funnel formations developed and none was observed during the severest part of the storms. Largest hailstones were three inches in diameter, but average stones were 1/2 to 1 inch. Heaviest tornado damage was in the Hart vicinity. Total tornado damage to property was \$130,000, and \$300,000 to crops. Wind damage was \$60,000 to property and \$800,000 to crops. Hail damage was \$200,000 to property and 1 million to crops. In addition, heavy rain caused an estimated \$200,000 damage to crops. The four persons injured by the tornadoes, all in the Hart vicinity were: Brenda Nelson, 18; Peggy Scott, 16; Joseph Polk, 45; and Larry Brown, 22.				
4 NE Borger, Hutchinson County	17	6:18 p							Funnel aloft
7 SW Spearman, Hansford County	17	6:30 p-6:45 p	**100	17	0	0	3	0	Tornado
					A tornado struck the Glenn Mackie farm home about seven miles southwest of Spearman where it broke out the window panes on the south side of the house and ripped the front porch off the east end of the house. The Mackie's estimated the tornado was moving toward the north-northeast at about 50 m.p.h. Damage to the home was estimated at \$1500.				
15 SE Spearman, Roberts County	17	7:00 p	1/2	20	0	0	4	0	2 Tornadoes
					Two tornadoes, spawned near the Ben McIntyre home some 15 miles southeast of Spearman hit the Kenny farm home and the Northern Natural Gas Spearman plant, doing considerable damage to both. A small "headquarters" building at the gas plant disappeared completely and only a small piece of a typewriter out of the shack was ever located. Some 240 windows out of the large compressor building were broken and a large service door was blown off. The building suffered structural damage. The second tornado apparently hit the Kenny home, across the road from the Northern Natural Gas plant, where it blew away several outbuildings. This tornado then traveled northeastward, where it destroyed several outbuildings and corrals at the Deacon Clement farm.				
NW Morton, Cochran County	17	8:40 p	5	50	0	0	3	5	Tornado, hail
					A tornado destroyed or damaged several barns and outbuildings in a five mile path beginning about two miles west of Morton and extending northeastward to about five miles north of Morton. The funnel was tracked by Morton Police Department personnel and its speed was estimated at 45 m.p.h. Hail fell about 10 miles southwest of Morton and caused damage to cotton and grain sorghums. Tornado damage to property was estimated at \$1,000 and crop damage due to hail at \$100,000.				
Vancourt and vicinity, Tom Green and Concho Counties	19	12:10 p-12:30 p	20	*1 1/2	0	0	4	6	Hailstorm
					A hailstorm severely damaged cotton and maize crops in a 20-mile strip about 1 1/2 miles wide oriented northeast to southwest across Vancourt. The crops were estimated to be a total loss in a five-mile section of the strip. In other sections of the 20-mile strip, losses were estimated at 25 to 80 percent. The hailstones averaged about 3/4 inch in diameter. Heavy rains and 60-to-70 m.p.h. wind accompanied the storm.				
Near Rocksprings, Edwards County	19	4:30 p			5	1	3	0	Flash flooding
					Five members of one family lost their lives when torrential rains on the headwaters that feed Hackberry Creek brought up the draw at Hackberry Spring on the Claud Gilmer ranch of FM 335 and swept the pickup truck with six members of the Emery Eugene Hummel family into the swirling waters. Only one member of the family, Kathy, 16, was able to pull herself to safety. The pickup was swept one-half mile down stream. Rocksprings caught 3-7 inches of rain.				

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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)										
NW Cleburne, Johnson County	19	6:00 p-6:10 p	7	50	0	0	4	0		Tornado
<p>A small tornado hop-skipped from south of Godley to west of Joshua, dipping down at least three times to demolish two mobile homes and damage a residence and outbuildings on a farm. Total damage was estimated at \$15,000. The tornado first struck an unoccupied mobile home about one mile south of Godley Cemetery. From there, the tornado moved northeastward, where it damaged the roof of the Jake Greening home, 1.5 mile southeast of Godley, damaged the roof and walls of outbuildings and demolished a granary. Next the tornado demolished an unoccupied mobile home at Spase Acres North addition, about two miles northwest of Joshua. Another mobile home was moved off its blocks.</p>										
Fort Worth, Tarrant County	19	6:30 p-7:00 p	?	?	0	0	4	0		Windstorm
<p>High thunderstorm winds unroofed seven rooms of the Wedgewood Arms Apartment complex at Altamesa and Hulen in Fort Worth. The National Weather Service reported winds of 70 m.p.h. in the Wedgewood area before measuring equipment was blown away. A total of 3.55 inches of rain fell in the Wedgewood area during the storm.</p>										
Farmers Branch, Dallas County	19	8:37 p	1/2	50	0	2	5	0		Tornado
<p>A tornado dipped down in the Cypress Point-Pebble Beach area of Farmers Branch, just northwest of Dallas. A total of about 40 homes sustained from minor to extensive damage along Juniper Cove, Pebble Beach and Cypress Point, surrounding Brookhaven Country Club in this luxury neighborhood in northeast Farmers Branch. Two persons received minor injuries. Total damage was estimated at \$150,000. The tornado moved northward in almost a straight line and dissipated after striking a business section along Belt Line Road north of the Brookhaven area. There roof damage was done and two tractor-trailer trucks and another trailer was overturned.</p> <p>"We were watching TV when the lights started to blink and we heard a screaming sound", recalled Dick Uible of 11,516 Cypress Point. "There was a crescendo of noise and you could feel the atmosphere pressure change."</p> <p>Numerous garage doors had boards sticking halfway through them and one automobile tire was flattened after a piece of wood passed through the fender into the tire. Part of a neighbor's fence was found lying on the floor of one bedroom in the Warren home, located at 11,611 Cypress Point.</p>										
Carrollton, Dallas County	19	Night	?	?	0	1	3	0		Windstorm
<p>High thunderstorm winds damaged three business buildings, and a young boy was injured by flying glass when windows in his parents' home on Keller Springs Road were blown out.</p>										
Tarrant, Johnson and Dallas Counties	19-20				1	0	6	0		Flooding
<p>Very heavy rains, mostly on the 19th, resulted in flash flooding in portions of Tarrant, Johnson and Dallas Counties. One person was drowned. Most flash flood damage occurred in eastern portions of Tarrant County on the 19th. Hurst, Richland Hills, North Richland Hills and the eastern portions of Fort Worth were the areas most affected. Over 100 homes and businesses received some flooding. In Johnson County, flooding occurred along East and West Buffalo Creeks in Cleburne. The flooding here was minor. The Trinity overflowed in the Roosevelt Height section in the south portion of Dallas, an area unprotected by a levee system. While the river was cresting near 36.5 feet, 6.5 feet above flood stage, water rose a few inches into about 12 homes.</p> <p>During a 72-hour period ending at 7:00 a.m., October 20th, more than seven inches of rain fell over a 10-mile-wide strip from Cleburne to the Mid-Cities area. More than eight inches of rain fell in a 20-mile-wide strip from Lake Whitney to the eastern portion of Dallas County. Most of the rainfall during the 72-hour period fell on the 19th, during the early morning hours and again during the evening. Very heavy rainfall bursts occurred during the evening with more than five inches falling in less than two hours in some instances. At Hurst, five inches fell within 1 1/2 hours. About 2 1/2 inches fell in Mesquite in 30 minutes.</p> <p>Mrs. Ann Winifred Horton, 39, drowned when swept from a car as floodwaters raged in the 5400 block of Ederville Road in the eastern portion of Fort Worth on the 19th. The woman's body was recovered on the muddy edge of a creek bed, two miles from where she was caught in the swift torrent. Total property damage was estimated at \$1,081,000 by the Economics Division of the U. S. Corps of Engineers. Of this amount, \$185,000 damage occurred in Cleburne.</p>										
Near Rotan, Fisher County	22	Evening	5	*1/2	0	0	5	0		Hailstorm, funnel aloft
<p>Hail caused extensive damage to crops in a strip one-half mile wide and five miles long, about eight miles north of Rotan, and also in a one-by-three mile strip, about 3 1/2 miles northeast of Rotan. A funnel cloud was observed aloft two miles west of Rotan at 5:55 p.m.</p>										
1 NW Corpus Christi, Nueces County	25	9:00 a								Funnel aloft
UTAH										
Most of State	28-30				0	0	4	3		Wind and Snow
<p>October which began with a snowstorm went out the same way as a heavy snowstorm stranded hunters in the mountains, collapsed carport roofs on top of autos and further damaged trees and shrubs already hit by the first of the month storm. Strong canyon winds on the 29th closed roads between Bountiful and Farmington, blowing over 3 campers, 2 trailers and one semi truck-trailer. Winds also closed roads in northern Utah with 5 to 8 foot snow drifts.</p>										
VERMONT										
State	6	Afternoon			0	0	3	0		Lightning, wind, hail
<p>Widespread thunderstorm activity brought some local damage from lightning and wind. A few reports of hail, generally of small size.</p>										
VIRGIN ISLANDS										
None Reported										
VIRGINIA										
Virginia Beach	14	4:15P.			0	0	0	0		Hail
<p>Hail 1 and 1/2 inches in diameter was reported.</p>										
South	22-26				0	0	0	0		Rain
<p>Rain beginning on the 22nd in eastern sections and about the middle of the month in western sections with totals up to 8 inches caused flood stages on the York, Appomattox, James, Chowan, and Roanoke River Basins. The peanut and soybean crops received extensive damage from rain, flood waters, and the delayed harvest.</p>										
WASHINGTON										
Lake Roesiger (10 mi NNE Monroe) Township 29N R7E	26	1355 P.d.t.	3-4	10-200	0	0	3	4		Tornado
<p>Funnel formed on west side of lake in association with very dark CB. Three waterspouts observed crossing the lake in an easterly direction by the J.D. Robinson family. Funnel touched briefly on east side of lake, lifted and skirted the shoreline in a northeasterly direction for nearly 1/2 mile. From that point, it shifted to a southeasterly direction and traveled about a mile. It dropped to the ground and leveled about one acre of second growth Fir, skipped a short distance and leveled two more acres. At this point, it recurved northeasterly and cut a swath through two additional acres. After traveling aloft in an easterly direction for over one mile, it dropped to the ground for the last time and leveled a 15-acre strip. The tornado was accompanied by thunder, lightning and moth-ball sized hail. Patterns of all domed timber were circular. Principal damage was timber and power lines with minor structural damage from falling trees and limbs.</p>										
WEST VIRGINIA										
None Reported										
WISCONSIN										
Entire State	27	pm			1	0	6	0		Wind, rain
<p>Strong winds accompanying deep low pressure system moving northward across Minnesota caused widespread, mostly minor, wind damage across State. Damage mostly to trees, wires and signs. One person electrocuted near Stoughton when he stepped on a downed wire. Some reports of localized minor flooding from heavy thunderstorm rains. Heaviest rain fell west of line from LaCrosse to Ashland.</p>										
Entire State	30	pm			0	0	6	0		Wind
<p>Strong winds accompanying rapidly deepening low pressure system caused widespread wind damage across State. Many buildings blown down including portions of a school under construction at LaCrosse. Also leveled were two just completed barns in Athens-Dorchester area destroyed by the September 28 Tornado. Two hangars at airstrip near Elroy also destroyed.</p>										
Grant County	30	Evening	1	50	0	0	3	0		Tornado
<p>Metal fence posts picked up by winds and driven through steel roofing on Douglas Rupp farm SW Plattavilla. A heavy pump also lifted off a wagon. Tops blown off nearby trees. Tornado moved northeastward.</p>										
WYOMING										
Central and Southern Wyoming	27-29	Evening to Evening			0	0	5	0		Blizzard
<p>Snow and blowing snow from the evening of the 27th until the evening of the 29th halted traffic and disrupted most operations in most portions of central and southern Wyoming, followed by a swift return to normal, no major lasting effects.</p>										

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- ° 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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