

U. S. DEPARTMENT OF COMMERCE  
JOHN T. CONNOR, Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

# STORM DATA

OCTOBER 1966

Volume 8 No. 10



ASHEVILLE: 1966

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1966

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	
ALABAMA			None	reported					
ALASKA									
Amette (Southeastern)	17-18								
			Strong gusty winds increased late in the evening of October 17, at Amette Island, in southeastern Alaska. The continued to increase and reached its peak early in the morning of the 18th. Peak gusts of 76 MPH were reported about 5 A. M. on the 18th. Sustained gusts of 45-50 knots continued from the early evening of the 17th through 6 P. M. on the 18th. No major damages were reported at Amette, although the control tower was abandoned due to the strong winds. At Ketchikan 25 miles north the strong winds caused several power outages, downed trees, and other minor damages.						
ARIZONA									
Gila Bend	4	12:15 p.			0	0	0	0	Funnel cloud
			Funnel cloud did not touch ground						
ARKANSAS									
Harrison, Arkansas	3	Night					3		Lightning
			Lightning killed six cows during storm Monday night one mile south of Harrison.						
CALIFORNIA									
Imperial Valley	4				0	0	3	5	Heavy rain
			Heavy rain washed out new plantings of winter vegetables for the third time this season. Irrigation canals were filled with sand and gravel and banks were washed out.						
Southern California	10				1	21	4	0	Thunderstorms
			Lightning damaged electric transmission facilities and burned an oil storage tank, and hail did minor damage to roofs and plantings. A bus overturned on rain-slick highways, killing one passenger and injuring 31.						
Ventura, Los Angeles, and Orange Counties	14				1	0	4	0	Dry wind
			Santa Ana wind conditions resulted in brush fires that destroyed homes and other buildings and resulted in one death. Cars and buildings were sand-blasted in exposed areas.						
COLORADO									
Northeastern Colorado	13-14				3		5	C	Snow, Wind
			A severe storm moved in from the north during the night of the 13th and continued through the 14th. Temperatures dropped from unusually warm to near record cold for the season. Snowfall varied from none in some areas to 12 or more inches in areas south and east of Denver. Heavy wet snow accumulations, followed by freezing temperatures and high winds, resulted in extensive damage in many areas to trees, to cars and other property by falling limbs, and to power and telephone lines. Schools were closed and roads were blocked by heavy drifting in several areas. Corn, milo, and sorghum crops were damaged by high winds. A woman was killed by a falling snow-laden tree limb in Denver. A man was asphyxiated in a car stalled by snow in Limon. A hunter died of exposure in a mountain region west of Denver. There were several, mostly minor, injuries, from falling tree limbs and other storm-related causes. Winds were estimated at 60 mph or more throughout the northeastern plains and wind damage extended into parts of the southeastern plains.						
CONNECTICUT			None	reported					
DELAWARE									
Statewide	18-19				0	0	3	0	Heavy rain
			Record or near record one-day October rainfalls, as much as from 3 to over 4 inches, caused minor flooding.						
FLORIDA									
Extreme Southern Peninsula and Keys	3-4				3	11	6	6	Hurricane INEZ
			Late on October 3 Hurricane INEZ began moving towards the west-southwest from a position about 100 miles east of Miami. This path was maintained with only minor changes for several days. Consequently the eye of INEZ moved over all of the Keys from Key Largo to Key West on October 4. The highest wind reported on the Florida mainland was a gust to 80 mph at Homestead Air Force Base. There were no sustained winds of hurricane force on the mainland. All of the Keys reported winds of hurricane force ranging up to 100-125 mph in gusts. The lowest barometric pressure reported was 29.04 inches at North Key Largo and Flamingo. Rainfall totals resulting from INEZ were generally in the range of 2-4 inches over the southeast portion of the peninsula and in the Keys. Damage in extreme south Florida: personal and family losses, \$1,350,000; utility companies, \$993,000; government, \$262,000; private property, \$1,167,000; crops, \$1,250,000; ornamentals, \$500,000. Casualties: 4 injured in Dade County and 7 injured in Monroe County; there were 2 deaths in Dade County and 1 in Broward County. All deaths were indirectly due to the storm.						
Wakala Putnam Co.	4	evening							Tornado
Lake Geneva Putnam Co.	4	evening							Tornado
FLORIDA (Cont'd.)									
Palm Beach Co. and Broward Co.	21 & 22								6 Heavy rain
			4500 acres of early planted vegetables lost. Accumulated 8-10 inches rain.						
Ybor City Hillsborough Co.	23						1		Lightning
			10-year old boy struck while playing outside home						
GEORGIA									
HAWAII									
Kona Area, Island of Hawaii	12	4:00 p.-7:45 p.			0	0	4		Heavy Rain
			Rains of 3 to 5 inches, most of which fell between 5 and 7 p.m., flash flooded the Captain Cook to Hahaione area, washing out and covering roads with mud, rocks and debris, and entering stores, houses and other buildings. A new subdivision (Alii Kai) was severely eroded. Damage was estimated at \$14,000, most of it to county roads.						
IDAHO									
Upper Snake River Valley	14								6 Hard Freeze
	16								
			Minimum temperatures, ranging generally between 12° and 18°, to did extensive damage to potatoes still in ground. Individual fields suffered losses of 2% to 60%, with overall damage to East Idaho potato crop estimated at 10% to 20%, equivalent to more than 2 million 100-pound sacks.						
Southern Valleys	20-21								Wind
			Strong gusty winds swept across southern Idaho during the night, toppling trees and signs, causing power outages at scattered places. Gusts of 48 mph reported at Boise, 45 mph at Twin Falls and up to 70 mph at Pocatello.						
ILLINOIS									
Pike County	14	7:45p			0	0	4	C	Wind, rain
			Severe thunderstorm left trail of destruction as it moved northeast from one mile east of Martinsburg to three miles east-southeast of Pittsfield. Major damage to two homes but mostly to out buildings and machinery. Broken windows and roof damage allowed rain to enter homes.						
Brown County	14	8:05p	1	100	0	20	6	0	Tornado
			Tornado moved north along east edge of Mt. Sterling with path 100 to 150 yards wide. Major damage in 30 square block area. Ten homes had major damage, several were twisted from foundation. Two house trailers demolished and others badly damaged. Nearly all buildings on Brown Co. fairgrounds were destroyed and several trucks loaded with carnival equipment were turned over. Concrete block garage leveled, five school buses and two passenger cars demolished or damaged badly. Lesser damage for 1 1/2 miles additional. Debris continued to drop for several miles after cessation of ground damage. Two persons were hospitalized and about 20 treated and released.						
Schuyler County	14	8:20p			0	1	4	C	Wind
			A severe thunderstorm, possibly the same one associated with earlier tornado in Brown Co., damaged eight farmsteads along a four to five mile track as storm moved to north. Two homes were damaged but out buildings and machinery suffered most. Tracks were left through fields of standing corn. One lady cut by flying glass.						
INDIANA									
IOWA									
Liscomb	10	p.m.			1		2		Windstorm
			50 mph. wind toppled grain auger killing 72 year old man.						
Garden Grove	14	2:00 a					3		Lightning
			barn destroyed and 3,000 bales of hay.						
Benton	14	?					2		Lightning
			Metal grain bin under construction was struck killing two workmen.						
Bedford	14	12:00 noon							Funnel aloft
7S Lenox	14	12:15 p	1 1/2				4		Tornado
			3 sets of farm buildings destroyed, funnel reportedly came directly out of south, then veered toward northeast.						
Hanilla	14	12:15 p					4	?	Hailstorm
			baseball size hail broke 62 windows out of school, stained glass from church - 293 insurance claims to roofs, cars, etc.						
SW of Fort Dodge	14	1:00 p					2		Wind and hailstorm
			Marble size to 2 1/2 inch diameter hail.						
Belmond	14	1:55 p	10-12		6	127	7	4	Tornado
			109 homes destroyed, 160 received major damage, 308 homes had minor damage - 75 businesses destroyed to 112 badly damaged. All gas, electricity and telephones out. Skies threatened during homecoming parade and crowd dispersed by time tornado hit (no one has claimed to have seen a funnel). Highway patrol, Red Cross and						

See reference notes at end of table.

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IOWA (Cont'd.)										
									National Guard were there in hours to feed, shelter and police area - help came from all over State and outside. Damage path from SW to NNE. Estimated damage from \$7,500,000 to \$11,000,000 in Belmont alone, no estimate on area surrounding where 27 farmsteads in total were struck, many completely destroyed, 18 cattle killed, many crippled, 420 hogs and 550 chickens killed, miles of fence down, also corn flattened.	
SNNE Webster City	15	2:00 p			4	3			Tornado	
									2 funnels sighted (one much farther north). Destroyed - Machine and cattle shed, 4 corn cribs, 3 sheep killed, damage to corn in fields.	
Monroe to Prairie City	14	2:32 p					4		Tornado	
									8 farms damaged, several houses, barns and silos destroyed.	
Newton	14	2:32 p							Funnel aloft	
Williamsburg to Cedar Rapids	14	2:35 - 3:25 p							Funnel aloft	
									Light company employee followed twin funnels, reporting progress via radio.	
2NE Mitchellville	14	2:40 p							Funnel aloft	
NE of Colfax	14	2:40 p							Funnel aloft	
4 1/2 SW Lenox	14	2:50 p							Tornado	
									No damage.	
Moulton	14	3:00 p					3		Windstorm	
									3 farms reported damage	
NW of Marion	14	3:00 - 4:00 p					5	3	Tornado	
									Five farms heavily damaged, much corn in fields lost. 7 small planes at airport damaged. Heavy hail at Central City.	
Oskaloosa area	14	3:00 - 5:00 p					4		Wind and hailstorm	
									Roof taken off Pepsi Cola plant, tree and communication line damage heavy.	
E of Diagonal	14	3:15 p					3		Tornado	
									Farm buildings destroyed.	
NE of Cedar Rapids	14	3:20 p					4		Tornado	
									Structural damage to 4 homes, 2 barns.	
W of Osage	14	3:30 p							Funnel aloft	
Osage	14	3:30 p					4		Windstorm	
									Tree, line and roof damage, one trailer upset. \$3,000-\$4,000 damage to Jr. High. Hit by side wind from tornado funnel.	
Clive-Urbandale-Johnston-Saylorville-Ankeny	14	4:00 p					6		Tornado	
									Storm took 1/2 roof off huge Ardan store in Urbandale. Estimated \$300,000 damage in Ankeny, 10 homes badly damaged, roof taken off elementary school gym, elsewhere much tree, line and property damage.	
Ottumwa area	14	4:00 - 6:00 p					4		Wind and hailstorm	
									Considerable property damage from winds that gusted to 64 mph. and golf ball to fist size hail.	
NW of Dysart	14	4:30 p					3		Windstorm	
									Trees uprooted, communication lines out.	
Denver	14	4:55 p							Windstorm	
									Communication lines out.	
Waterloo	14	5:00 p					4		Windstorm	
									Shopping center building destroyed.	
3S & 3W Wellsburg	14	5:30 p					3		Tornado	
									3 farms damaged plus garage, chicken house and house windows.	
NW of Arlington	14	6:25 p							Tornado	
									Little damage.	
Woodbury, Plymouth, Sioux and O'Brien Counties	14	Evening					4		Snowstorm	
									Storm started as rain turned to heavy wet snow at about 8:00 p.m. (maximum accumulation 4 inches) breaking many trees (with leaves still on), thousands of homes without electricity, 3,500 without telephone service.	
NW of Postville	14	10:50 p	Narrow				3		Tornado	
									2 farms sustained damage.	
KANSAS										
Northwestern portion	14	Entire day			0	0	5	6	Snow, winds	
									A paralyzing storm struck northwestern Kansas as a deep low pressure center moved from northeastern Colorado across southern Nebraska. Strong northerly and northwesterly winds up to 50 m.p.h., which were accompanied by heavy wet snow, caused extensive damage to power lines, telephone lines, trees and crops. Blowing and drifting snow reduced visibility to near zero over much of the area as near blizzard conditions prevailed. Traffic was at a standstill during the height of the storm and some homes were without electricity for several days.	
KENTUCKY										
Henderson county	9	Night			1	2	3		Wind	
									Strong wind uprooted an antenna tower which fell across a street in Henderson, Kentucky, striking the top of a passing car. The driver of the car was killed and two passengers were injured. The car then went out of control and crashed into a building.	
LOUISIANA										
Offshore, in Gulf of Mexico	2-11				0	0	6	0	Hurricane	
									Louisiana's offshore oil interests estimate \$2-3,000,000 loss from Hurricane Inez due to shut down time moving equipment, evacuating drilling crews and other emergency or recovery measures. As hurricane approached, top-heavy construction equipment barges stayed in or returned to port, furnishing offshore oil rig construction supplies stopped. Remaining offshore rig work tapered off from about 4th; rigs were secured when a good work stoppage place was reached and crews brought ashore. Ground swells were reported in Gulf about 5th; remaining offshore vessels brought to safe anchorage; onshore coastal oil operations started shutting down. On 6th waves made it impossible to get to rigs by crewboats; from about 7th offshore oil drillers removed by helicopter. On 8th a helicopter crashed 65 SSW Morgan City, pilot and 10 offshore oil workers killed. Most drilling jobs halted by 9th and 10th; most producing platforms continued operations but on a standby alert. After Inez moved inland on 10th, work slowly resumed; most offshore drilling rigs deserted for a couple of weeks.	
MAINE										
Sanford	10	4:08 p.m.	0.1		6	0	0	4	0	Tornado
									Tornado, very small but with definite funnel, destroyed a new barn, damaged a house and downed power lines. Moved generally northward in an erratic course. Storm accompanied by rain and a "jet engine" sound.	
York Co.	20				0	0	3	0	Wind	
									Strong, gusty winds ripped through the area causing scattered damage.	
MARYLAND										
Eastern portion except Southern Eastern shore	18-19				0	0	4	0	Heavy rain	
									Record or near record one-day October rainfalls, as much as from 3 to over 4 inches, caused mostly minor flooding.	
MASSACHUSETTS										
Coastal counties	20				0	0	5	0	Wind, rain	
									Strong winds buffeted the area in the wake of a northeast storm that brought 1 to 3 inches of rain. Local flooding was widespread as leaves and debris clogged drains. Heavy rains also short-circuited a transformer in the Brighton-Brookline area, blacking-out some 1500 homes. Wind caused widespread damage. In Lynn, a 4-story brick wall, left standing after a recent fire, was blown onto a filling station, heavily damaging the structure, and a nearby car. In Woburn, a huge tree was blown onto a car causing extensive damage.	
MICHIGAN										
Shelby, Oceana County	3	2:45 PM			0	1	0	0	Lightning	
									Lightning bolt knocked woman unconscious as she walked up the steps to the local elementary school. She was hospitalized but was responding to treatment.	
Mt. Pleasant, Isabella County	9	9-9:30PM			0	0	4	0	High Wind	
									High wind completely destroyed a 60 foot house trailer, a horse barn, camper trailer and blew some windows out of a house in the Beal City Road, Littlefield Lake Road, and Barkey Road areas near Mt. Pleasant. Many downed trees were also reported in this area.	

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					KILLED	INJURED	PROPERTY	CROPS				
MICHIGAN (Cont'd.) Beaver Lake Road, 1/2 mile East of M-65, Alpena County	15	Early AM			0	0	4	0	Lightning			
									Severe electrical storm was believed to have been the cause of a fire which destroyed a cement-block house and its contents. Total loss estimated at \$15,000. The owner was not at home when the fire started.			
MINNESOTA South central district	12	7:30a - 1:00p			0	0	4	2	Lightning & hail.			
									Lightning strikes 3 barns near Faribault and Mankato, caused about \$30,000 damage. Marble-size hail covered ground at Albert Lea.			
12 W. Albert Lea Freeborn county	14	12:55p	5	7	0	1	3	2	Tornado			
									Tornado moving west to east touched down a number of times damaging property on 2 farms. Man stunned when hit by flying debris. Total damage estimated at about \$2,000.			
Entire state	14 15				0	0	5	5	Snow, wind, hail and lightning.			
									Heavy rains changed into early season snowstorm. All time record snowfall for this early in the season in some areas. Reports of wind to 80 mph did crop damage and blew down a number of older farm structures. Turkey growers lost thousands of birds. Heavy hail damage reported (diameter of marble to softball size) in many localities, especially severe in communities in Freeborn, Steele, Dodge, Pipestone, Rock, Brown and Ramsey Counties. Near Claremont, Dodge County a stone which crashed through a truck windshield was reported to measure 16 inches in circumference. (This would be an all-time, Minnesota hail size record.) A few communities without power for some hours as ice coated lines snapped. Lightning struck at least 3 homes causing about \$10,000 damage.			
MISSISSIPPI Jasper County	10	Late Afternoon					3	4	Lightning			
									Near Bay Springs a small aircraft was struck by lightning causing crash and killing the 3 persons aboard.			
MISSOURI Princeton-Trenton Grundy-Mercer Counties	14	2:30 - 3:00 PM						4	Thunderstorms			
									Extensive damage to soybeans, by hail. Hail completely covered the ground 10 MW of Princeton. Wind damage to a Drive-In theatre, a school building under construction, to telephone lines and to homes and farm buildings.			
Dallas County	14	2:25 PM		220				4	Tornado			
									Small tornado caused damage to barns, sheds and timber on seven farms along a 3-mile SW-NE path, beginning 1W and 2N of Buffalo. Witnesses said the funnel seemed to "bounce along", alternating between topping trees and breaking them off at ground level. Subsequent minor damage showing some tornado evidence occurred slightly later to the northeast at the Wood Hill Community, 2 miles east of the intersection of State Highways 73 and 61.			
Camden County	14	3:10-PM						4	Tornado			
									A tornado destroyed or extensively damaged 5 homes, 3 stores, and numerous barns and outbuildings as it crossed through the Ha-Ha Tonka Junction community on State Highway 5, 2-1/2 miles SSE of Camdenon. Sporadic wind damage to barn roofs and timber occurred along a path from 7 miles SW of the above location to 9 miles NE at Freedom, Missouri.			
Miller County	14	3:30 PM						4	Tornado			
									A tornado extensively damaged 3 homes and several barns and sheds along a 5-mile path from a point 2W and 1W of Bruley to 1 mile west of Ulnan.			
Miller and Morgan Counties	14	4:45 PM						4	Tornado			
									A tornado touched down 4 1/2 miles west of Eldon just south of the county line. Moved NE for 2.9 miles crossing a corner of Morgan County and reentering Miller County. The tornado lifted just before reaching State Highway 52, 1/2 mile east of the county line. Four farms received extensive damage or destruction to barns, outbuildings and farm equipment.			
Moniteau County	14	3:25- 3:35 PM	7-1/2	200				4	Tornado			
									A tornado moving NE touched down 1 mile south and 1/2 mile east of Latham, destroying all buildings except the house on one farm and lesser damage on three other farms. It then moved NE causing little damage for 5 miles until it unroofed and destroyed a bowling alley on U.S. Hy. 50 on the west edge of California, Missouri. Lesser roof and tree damage occurred on the west and north sides of California.			
Laclede County	14	5:30 PM						4	Tornado			
									A tornado touched down 3-1/2 miles west and 2-1/2 miles north of Competition, Missouri and moved northeast for 5-1/2 miles causing extensive damage to houses, barns and outbuildings on 8 farms. As it crossed County Route B 2 miles north of the Route B and O intersection, it picked up a 2-bedroom house trailer, carrying it over a fence and deposited it on a rise 150 feet from its initial location.			
MISSOURI (Cont'd.) Pulaski County	14	6:00 - 6:30 PM	1 1/2	100-300				6	5	Tornado		
										A tornado touched down 1/2 mile east of Hanna, Missouri and moved northeast doing minor damage to outbuildings as it cut a path 100 to 300 yards wide through timbered areas. It entered Fort Leonard Wood near the intersection of County Trunk H and the Military Reservation boundary. It appeared to lift and skip for the next few miles until it struck several trailer parks on the west side of the Fort Leonard Wood Spur south of Interstate 44. 10 trailers were destroyed and 9 damaged. The tornado crossed the spur with little damage but caused approximately 200,000 dollars damage to a shopping center complex on the east side of the Spur. Of the hundred or so people in the Shopping Center as the tornado struck, only 4 to 6 people received injury due to glass cuts. The tornado skipped 1/4 mile to the northeast where it damaged a motel roof and caused a fire which destroyed a residence. Damage beyond this point was intermittent in open country crossing Interstate 44 and Missouri 28 about 1 mile north of U.S. 44 and then disappearing in the river bottoms near the junction of the Big Piney and Gasconade Rivers. (Total damage estimate varied from 1/2 million to 2 million)		
Cole County	14	5:30 PM	3					4		Tornado		
										A tornado struck just south of U.S. 50 5 miles east of Jefferson City or 1 mile west of the intersection of U.S. 50 and County Route J. Debris from a farm south of the highway struck a car and knocked it off the highway. On the north side of the highway several sheds and a garage were carried away. The car originally in the garage was found nearly 1000 feet away. The next damage occurred to outbuildings on a farm 1 mile northeast. After moving across open country, the tornado next struck a farm on the west edge of Osage City destroying a barn and several sheds and scattering debris to the northeast, for more than a mile across the Missouri River into Callaway County. The occupants heard the roar of the approaching storm and attempted to open windows on the north and east just as the storm passed over with a "strange popping sound". The windows were jammed due to interior pressure. A funnel cloud had been reported earlier in the vicinity of Folk and Wardville, Missouri about 6 miles to the southwest.		
St. Charles, St. Charles County	14	9:10 PM	3-1/2					26	6	Tornado		
										A tornado touched down just SW of the intersection of Interstate 70 and Mo. 94 in St. Charles County. Considerable damage occurred to trailers, business buildings and apartment houses along a southwest to northeast 3/4 mile long path, 100 to 200 yards wide. At this point the tornado lifted for 2-1/2 miles as it passed over the more heavily populated portions of St. Charles. It returned to the ground on the northeast edge of St. Charles just west of Mo. 94 and north of the Wabash Railroad. A newly completed church was unroofed and one wall blown out. Northeast of the church 15 trailers were destroyed and 26 people injured as the tornado swept through a trailer park.		
MONTANA NEBRASKA All states except southern portion	13-14	Evng 13th All day 14th						0	0	7	6	Ice, Snow, Damaging Winds
												Severe early season storm while corn, milo, and some other crops were still in fields. Many places precipitation began as rain and progressed through various mixed stages of hail, freezing rain, sleet, and snow. Thunderstorms were common. Winds in excess of 60 MPH over wide area. Gusts to 84 MPH measured at Broken Bow. Precipitation stuck to wires, trees, and crops. Excessive weight and high winds gave extensive damage to power and telephone lines. Milo crop was damaged most, followed by corn. Tree damage widespread. Most severe damage reported in broad path from northwest corner to southwest corner and then northeastward diagonally across the State.
Southern Panhandle	21	11 a - 7 p						0	0	4	5	Damaging winds
												Winds blew down antennae, trees, etc. Major damage to corn crop that had been weakened by storm of previous week. Some damage to winter wheat from blowing dust.
NEVADA												None reported
NEW HAMPSHIRE												None reported
NEW JERSEY												None reported
NEW MEXICO												None reported
NEW YORK												None reported
NORTH CAROLINA												None reported
NORTH DAKOTA												None reported

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OHIO Kenia Area	9-10	11:55 p., 9ch-12:15 a., 10ch	5	100	0	3	5	0	Tornado and Rain
									A severe local storm caused damage, unofficially estimated in excess of \$50,000, near Kenia in Greene County. The very narrow damage path, the high-skip nature of the storm, twisted trees, and talk with people in the path of the storm confirm the occurrence of a tornado. Thunderstorms were in the area from 11:11 p. on 9th until 12:30 a. on the 10th. Survey of the storm path indicated the tornado first reached ground in Beaver Creek, a Kenia suburb, and then moved eastward across the northeast edge of Kenia. Several homes in the storm's path lost their roofs. Three individuals sustained minor injuries when the storm tore their brick home apart. Power and telephone poles and lines were downed. One individual said rain came through the windows like they were open.
OKLAHOMA			None reported						
OREGON Seaside	20	3:30 PM	0.1	10-20	0	0	3	1	Tornado
									Very small tornado moved through about 1 block of city. Few store windows smashed, several power and telephone lines downed, outdoor signs demolished and a few buildings suffered other superficial damage.
PACIFIC AREA Kwajalein	1	8:14 a.-8:19 a.							Funnel cloud
									"Unmistakable" funnel observed over ocean at leading edge of cumulonimbus cloud 7 miles southeast of station and moving westward. Water was stirred up, but no waterspout seen or damage done.
PENNSYLVANIA			None reported						
PUERTO RICO	14	3-5 PM			2	0	*3	C	Heavy thunderstorms
									Severe thunderstorms moving in a line oriented NE-SW across the central and northeastern sections of the island caused hail of 1/2 inch diameter in Utuado and smaller sizes at Morovis and Bayamon. Flash flooding of the Bayamon river caused water to rise and wash away a small car crossing a bridge. Two of the passengers were drowned. Hail in Utuado cracked some car windshields and caused minor damage to tobacco.
RHODE ISLAND			None reported						
SOUTH CAROLINA Bishopville, Lee County	1	Noon - 12:30 p	7-8	700-800	8	4		2	Tornado
									The tornado moved from 5 miles west of Bishopville to 3 miles northeast. A family of 7 were trapped in a large house trailer which was struck on one end, spun around and turned upside down. A barn, in which a boy had sought shelter, was blown down. Other houses unroofed, trees uprooted, fences blown down and small buildings destroyed.
SOUTH DAKOTA Southeast South Dakota	13-14	Late 13th into PM of 14th			0	0	5	5	Hail, strong winds and lightning
									Late season thunderstorms were accompanied by hail and strong winds. The hail and strong winds caused extensive damage to soybeans by shelling the beans in the field. The greatest crop damage was in the Garretson area. The strong winds damaged many utility lines. A number of farm structures were also damaged. Lightning struck a church at Lake Andes and it was destroyed by fire.
TENNESSEE Winchester, Franklin County	9	p.m.			0	0	3	0	Lightning
									Fire, believed to have been started by lightning, destroyed a barn.
Houston County	10	p.m.			0	0	?	0	Lightning
									Residents of county experienced a lengthy power interruption. Lightning struck and damaged high-voltage powerlines in Erin area.
TEXAS Amarillo Potter Co.	14	12:00 p-5:00 p			0	1	4	?	Windstorm
									Strong northerly winds, resulting from an intense low pressure center damaged two buildings extensively, and injured a 77-year-old woman when she was blown down by the force of the wind. The east wall of a warehouse at 1800 E. 3rd Street crumbled under strong winds about 12:30 p.m. The wall was constructed of concrete blocks. About 1:00 p.m. a wall collapsed at a Montgomery Ward & Company warehouse, which was being constructed on U. S. Highway 66 about one-half mile west of the Amarillo Medical Center. The injured woman sustained a broken wrist when blown
TEXAS (Cont'd.)									down in the 900 block of Polk Street about 3:30 p.m. A one-minute wind speed of 42 miles per hour from the northwest, with wind gusts to 64 miles per hour, was measured at the ESSA-Weather Bureau Airport Station at 2:55 p.m. Grain sorghum crops in the Texas Panhandle were damaged by the strong winds.
Near Nacogdoches Nacogdoches Co.	14	night	?	?	0	0	4	0	Windstorm
									Strong thunderstorm winds damaged poultry houses on the Boyett Poultry Farm on State Highway 7 near Nacogdoches. Property losses were estimated at \$25,000.
Lower Rio Grande Valley	15	morning			0	0	5	?	Torrential rains
									Thunderstorms associated with a cold front that passed over the Lower Rio Grande Valley during the early morning hours dumped up to seven inches of rain and caused extensive local flooding and some property damage. Heaviest damage was in Brownsville where the roofs of two stores collapsed under the weight of water that could not run off rapidly enough. The entire roof of Darty's, a women's clothing and shoe store at 1152 E. Elizabeth Street, caved in at about 5:42 a.m. At the Minimax supermarket in the Palm Village Shopping Center, the roof over the produce stockroom collapsed at 7:17 a.m. Damage to the buildings, fixtures, and stock was estimated at \$250,000 of which only about \$2000 was at the Minimax Store. Virtually all Brownsville streets were underwater. At the ESSA-Weather Bureau Airport Station, 3.12 inches fell within a one-hour period, 5.15 inches fell within three hours. The heaviest rain occurred between 3:00 a.m. and 6:00 a.m. Representative storm totals in the Valley are as follows: Brownsville 5.63 inches, Earlington 2.46 inches, Weslaco 4.78 inches, Mercedes 3.79 inches, McAllen 7.00 inches, Edinburg 3.74 inches, Raymondville 2.07 inches, Mission 5.04 inches, and Rio Grande City 3.24 inches.
UTAH			None reported						
VERMONT Burlington	4				0	0	3	0	Wind
									Southerly gales in the morning and early afternoon downed a number of trees which, in turn, damaged several homes and buildings and snapped power lines.
U.S. VIRGIN IS.			None reported						
VIRGINIA			None reported						
WASHINGTON			No report received by printing deadline						
WEST VIRGINIA			None reported						
WISCONSIN			None reported						
WYOMING			None reported						

- 1 Includes crop damage.
- C Crop damage.
- + Storm damages are placed in categories varying from 1 to 9 as follows:
  - 1 Less than \$50
  - 2 \$50 to \$500
  - 3 \$500 to \$5,000
  - 4 \$5,000 to \$50,000
  - 5 \$50,000 to \$500,000
  - 6 \$500,000 to \$5,000,000
  - 7 \$5,000,000 to \$50,000,000
  - 8 \$50,000,000 to \$500,000,000
  - 9 \$500,000,000 to \$5,000,000,000.

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

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USCOMM-ESSA-Asheville, N. C. 11/30/66-1100