

U. S. DEPARTMENT OF COMMERCE  
ALEXANDER B. TROWBRIDGE, Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

# STORM DATA

OCTOBER 1967

Volume 9 No. 10



ASHEVILLE: 1967

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

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	
<b>ALABAMA</b>									
Florence, Lauderdale County	24	6:15p	12	100	0	1	5	0	Tornado
Tornado touched down west of Florence and skipped eastward across northern portion of Florence and ending east of Florence near Shoals Creek. Ten houses were demolished and about 10 houses had severe damage. A school had extensive damage, numerous cars overturned and trees uprooted.									
Colbert and Lawrence Counties	24	7:00p	15	?	0	3	5	4	Tornado
Tornado demolished house trailer in Cooks Lane Community south of Tusculumia skipped east-northeast in rural area uprooting trees, knocking down power lines and damaging or destroying several barns. Storm moved into Lawrence County and struck about 3 miles north of town creek where 7 houses were demolished, several houses and a church damaged and several farm buildings destroyed. Three persons injured, one of which was lifted from 1 house and dropped about 200 feet away in another house.									
Madison, Jackson Counties	24	Evening			0	0	5		Wind
Scattered damage to houses, a church, farm buildings and utility lines; trees proctored or damaged as line of thunderstorms moved across area.									
Gulf Shores, Baldwin County	30	9:30a			0	1	4	0	waterspout
Waterspout moved on shore damaging 2 houses									
Battles Wharf, Mobile County	30	Mid-morning			0	0	3	0	waterspout
Waterspout moved on shore damaging fishing pier and house and breaking tops out of trees.									
Mobile County	30	Day					5	4	Rain, wind
Torrential rains of several inches and high winds resulted in scattered damage over much of county and interrupted traffic and commerce. 25% of property damage due to winds and 75% to rain. All crop damage due to rain.									
<b>ALASKA</b>									
Winds in October, principally in the third week of the month reached 50 to 55 knots at several points in Alaska. No severe damage was reported. However at Ketchikan, Alaska where gale force winds occurred some building damage was sighted.									
ARIZONA	None reported								
ARKANSAS	None reported								
CALIFORNIA	None reported								
COLORADO	None reported								
CONNECTICUT	None reported								
Statewide	18-19	12 noon-4 AM			0	0	4	0	Rain, wind
Locally heavy rain on 18th flooded streets and cellars. Driving conditions were hazardous with accident rate considerably above normal. Winds, which reached 50 mph with some gusts to 70 mph, caused scattered power and communication failures. Major effect of rain and wind occurred in north-east where several boats were smashed along the coast.									
<b>DELAWARE</b>									
New Castle County	18	6:15 & 7:00 p.			0	0	4	0	Tornadoes
One tornado, about 3 miles southwest of the Wilmington Airport was verified. Its path was about fifty feet wide and 1/4 mile long; its time of occurrence was about 6:15 p. EDT. A barn and a chicken house were demolished. The other, a probable tornado, was reported in the Chalfonte Section about 2 miles north of Wilmington. Minor damage was done to the back parts of four houses in a row, including their backyards. Also, there was considerable thunderstorm activity, with strong gusty winds, over the entire state. Damage was minor and was mostly limited to fallen trees and downed power and telephone lines.									
<b>FLORIDA</b>									
Homestead Dade County	2	1:35p.							Waterspout
Key West Monroe County	5	9:46-10:57a.							Funnel aloft and waterspout
Homestead Dade County	6	6:13p.							Funnel aloft
North Miami Dade County	9	12:20p.							Waterspout
Melbourne Beach Brevard County	13	8:50-10:20a.							Waterspouts (2)
Pompano Beach Broward County	13	Early Morning	?	?	0	0	4	0	Windstorm
Strong winds accompanying a thunderstorm blew out windows, overturned several boats, and unroofed an office building.									
<b>FLORIDA (Cont'd.)</b>									
Pahokee Palm Beach County	17	4:30p.			0	0	0	4	Hail and wind
About 300 acres of sweet corn was damaged to the extent that it had to be plowed under and 1500 acres of sugar cane were badly damaged. Wind gusts were estimated at 60 m.p.h. The ground was covered with hail stones of all sizes.									
Pensacola Escambia County	30	5:55-6:50p.	2	?	0	44	5	0	Tornado
Tornado moved through the Brownville section of western Pensacola. Between 550 and 600 buildings sustained some damage. Of the 44 injured, 5 required hospitalization.									
Panama City Bay County	31	2:20a.	short	narrow	0	0	5	0	Windstorm
Windstorm unroofed several apartments, a motel, and a gift shop in West Panama City.									
<b>GEORGIA</b>									
None reported									
<b>HAWAII</b>									
North Kona area, Island of Hawaii	13	2:30 p.-4:20 p.			0	0	?	0	Heavy Rain
Heavy rain, nearly two inches in less than two hours, washed out 30-foot section of Mualaha Highway and small section of Hookena Beach Road. No dollar estimates of damage.									
North Kona area, Island of Hawaii	24	4:10 p.-4:40 p.			0	0	?	0	Heavy Rain
Short-lived rain of unusual intensity washed away part of Belt Highway at Alae in North Kona. One inch fell in 15 minutes. 1.7 inches in 30 minutes at Kealahouka. No dollar estimates of damage.									
<b>IDAHO</b>									
None reported									
<b>ILLINOIS</b>									
Across state	24	aftn			0	2	*5	C	Wind, funnels
A line of severe thunderstorms passed across Illinois during the late morning and afternoon of the 24th. Wind gusts to 60 mph were reported from Chicago south to Olney. Damage was often along distinct paths but limited to trees, roofs, outbuildings and standing crops. A few funnel clouds were reported and it is possible, but not evident, that a few made brief touchdowns. There were brief periods of heavy rain and some hail. Areas of marked damage were noted in Moultrie, Douglas, Richland, Williamson, Cas, Madison, and Bond Counties. Two persons were hospitalized, one struck by falling debris and another injured when buggy was overturned by wind.									
Williamson Co.	24	1:30p							Funnel cloud
Funnel cloud observed 4 miles NNE of Marion, moving NE about tree-top high. Heavy rain for about 5 minutes prior to sighting.									
Crawford County	24	2:15p	1/4	30	0	0	3	0	Tornado
Tornado touched briefly 3 miles west of Palestine breaking off three telephone poles and turning a car around on the highway and into a ditch. Tree damage as storm moved northeast.									
<b>INDIANA</b>									
Indiana (state)	24	E.S.T. Between 4:00 and 8:00 p.	?	?	0	0	4	?	Wind
High velocity winds ripped across the state in the late afternoon and early evening causing much damage in numerous localities. Extensive damage to a lumber company occurred at West Middleton, near Kokomo. Minor damage was reported at LaPorte, LaGrange, Sullivan, and Vevay. Some damage was reported along Central Avenue in East Gary.									
New Goshen, Vigo County	24	4:00 p.	?	?	0	1	3	0	Tornado
State Police reported the touchdown of a tornado which took the roof from one building, damaged others and blew down trees northwest of Terre Haute.									
Washington (6 miles south), Daviess County	24	4:20 p.	?	?	0	0	4	4	Tornado, wind
A twister which hit a house-trailer and rolled it over several times was observed by a neighbor. Some corn crops in the area were damaged by strong winds.									
Dubois, Dubois County	24	4:45 p.	?	?	0	1	4	0	Tornado
A concrete poultry house was demolished south of Dubois on Indiana Road 162. Blocks and part of the roof from the poultry house tore through the side of the dwelling rendering it a complete loss. One person was injured.									
Portage (vicinity) Porter and Lake Counties	24	4:53 p.	?	?	0	0	4	0	Tornado
Several houses were deroofed and two house-trailers were blown over. A trucking company garage was demolished and power lines were torn loose near Couper Line Road and U.S. Road 6.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
INDIANA (Cont'd.)										LOUISIANA									
Terre Haute, Vigo County	24	4:57 p.	?	?	0	0	3	0	Tornado, wind	State	29-30				0	0	4	0	Rain, wind
Mooresville, Morgan County	24	5:15 - 5:32 p.	?	?	0	0	4	0	Funnel cloud, wind										
Danville, Hendricks County	24	5:19 p.							Funnel cloud	Plaquemines Parish	30	7:15 a.m.			0	15	5	0	Tornado
Indianapolis	24	5:20 p.	?	?	0	2	4	0	Wind										
Nora (north of Indianapolis)	24	5:30 p.							Funnel cloud, wind	Offshore	30	11:30 a.m.							Waterspout
Plainfield, Hendricks County	24	Late after-noon	?	?	0	0	4	0	Wind	Plaquemines Parish	30	12:00 noon	short	10	0	1	4	0	Tornado
Wakarusa (4 mi. north), Elkhart County	24	6:10 p.	?	?	0	0	3	0	Tornado										
Goshen (SE section), Elkhart County	24	6:30 p.	Short	Narrow	0	0	4	0	Tornado	MAINE	8-19				0	0	4	0	Wind
										Statewide									
Lake Wawasee (north-east side), Kosciusko County	24	6:40 p.	?	?	0	6	5	0	Tornado										
St. Joseph County and Marshall County	24	6:40 p.	?	100	0	0	3	0	Tornado	MARYLAND	18	Afternoon and Evening			0	0	4	0	Wind, rain
										Eastern half, including Frederick County									
Lucerne, Cass County	24	8:00 p.							Funnel cloud										
Greensburg	24	?	?	?	0	0	4	0	Wind										
IOWA										MASSACHUSETTS									
Scotch Grove, Jones County	24	4:15 a					4		Lightning	Nantucket Sound	13	Morning			0	0	0	0	Waterspouts
Southeast Iowa	26						5		Snowstorm										
KANSAS																			
Eastern portion	5	Morning			0	0	4		Lightning										
Eastern two-thirds	6-7	Night of 6-7			0	1	4	4	Lightning, wind, rain										
Southwest, West-Central portions	23	Evening			0	1	4	4	Wind	Statewide	18-19				0	1	5	0	Wind
KENTUCKY																			
State	24				0	1	4	0	Wind, lightning										

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN Monterey Township Allegan County	24	8:15 pm	short	narrow	0	4	4	0	Tornado
									Funnel, believed embedded within severe thunderstorms, apparently exploded one house trailer, sending its four occupants rolling along the ground. Only the base of the trailer remained in place. All occupants suffered cuts and bruises.
Southern Michigan	24	Evening				3	5	0	Thunderstorms-Wind
									Heavy thunderstorms and high winds did scattered damage over the southern one-third of the lower Peninsula. Heaviest damage occurred as follows: Kalamazoo; 1 trailer flipped over, outdoor movie screen blown over; Jackson, one semi-trailer blown off I-94; Grand Rapids, three persons suffered quite minor injuries when hit by falling tree limbs, several trees down as peak winds reached 65 mph; North of Allegan, 1 house trailer destroyed, 1 barn collapsed killing 22 head of cattle; other areas receiving wind damage include, Ionia, Flint, Detroit, Monroe and Mt. Clemens.
Southern Michigan	27	AM-PM			0	0	4	0	Heavy Snowfall
									Heavy wet snow accumulated on trees, many still with leaves on, breaking branches which fell and damaged roofs, powerlines and blocked roads. This storm produced new monthly and 24-hour snowfall records for October at Lansing, Grand Rapids and Muskegon. Heaviest snowfall totals of 6 to 10 inches fell along a line from South Haven to Bad Axe.
MINNESOTA									None reported
MISSISSIPPI									
North Central Division	24	3:10 PM- 3:35 PM			0	0	3	0	Hail, Wind
									Hail and wind storms reported in northwest portion of Division. MARSHALL COUNTY: Storm moved from W to E over North Mississippi Branch Experiment Station, 2N Holly Springs; destructive path length 3 miles, width 800 yards, crossed several farms blowing down corn and beating cotton out of bolls; hail covered about two-thirds of ground, average diameter 1/4", largest 3/8". Some roof damage and high winds. LARAYETTE COUNTY: 3:15 PM pea size hail reported at Oxford.
Northeast Division	24	4:00 PM-night			0	1	4	0	Funnel clouds aloft, Wind, Hail, Heavy Rain
									A cold front moved across Division in late afternoon and early evening accompanied by showers and thunderstorms which were violent in a few locations. Hail, strong and gusty winds, and a few funnel clouds were reported along with some damage. TIPPAH COUNTY: some bean size hail reported at Ripley. ALCOON COUNTY: 4:15 PM. At airport 5 WSW Corinth yellow and black appearing clouds, 300 foot ceilings and severe lightning with winds up to and exceeding 50 mph from S to WSW; hail partly covered ground, averaged 3/4", largest 1". Destructive winds skipped N of Corinth leaving a wide path of damage primarily across the state line in Tennessee (See Tennessee section this publication). In Corinth 2 houses reported damaged; some minor damage in rural Alcorn County N of Corinth; movie drive-in on state line had screen and several trees toppled and fences partly destroyed. Corinth residents reported 2 funnel clouds (aloft) about 4:30 PM, which moved over city with rumbling sounds; public reported funnel cloud (aloft) 1 mile N of Corinth. One man reported injured. PREMITT COUNTY: 4:30 PM marble size hail, gusty winds, no damage. LEE COUNTY: Minor damage and power failures from thunderstorms, some minor flooding in low-lying sections. Winds at Tupelo airport gusted to 75 mph. Heavy rains in less than half-hour overloaded Tupelo storm sewers; some Tupelo areas reported hail "as big as hen eggs", other sections hail scaled down to "marble-size". Lightning hit several Tupelo transformers and caused at least 2 wiring fires with minor damage. TISHOMINGO COUNTY: Wind damage at night to roofs, porches, and barns in settlement just N of Tishomingo on Highway 25; TV Antennas and trees blown down.
East Central Division	24	5:30 PM - 8:20 PM			0	0	4	0	Wind
									Heavy thunderstorm activity. MONROE COUNTY: 6:30 PM: Some wind damage in Becker area (3 S Amory), heaviest in strip about 150-200 ft. wide and intermittent along 2 mile path. People in most damaged house said, "We heard this tremendous roar", 3 large pecan trees were uprooted and slammed into house and 2 outbuildings. Pecans from trees had such force they knocked small round holes in window glass and windows of automobiles parked in yard. Side panels from late model pickup were carried by wind about 1 mile to the NE where barn tops and roofs of outside buildings and house were lost; nearby 2 huge oak trees were snapped off about 10 ft. from ground. It was clear for about a mile, then extensive damage to fruit orchard, farm buildings and knocked down 2 huge trees into unoccupied frame house. LOWMEDES COUNTY: 7:00 PM very high winds and heavy thunderstorm at Columbus. CLAY COUNTY: 8:20 PM. West Point (Lat. 33.6°N, Long. 88.7°W) radio station reported winds of 52 mph with light hail, 2 trees partially uprooted.
MISSISSIPPI (Cont'd.) Hancock County	30-31				0	0	4	0	Heavy Rain
									Heavy rain caused some damage; wind felled tree limbs and branches; no injuries recorded. Due to rising waters and road conditions some schools dismissed early on 30th. On 31st school buses were slowed and several got stuck so badly it was impossible to move them.
Harrison County	30-31								SEE BELOW Wind, Heavy Rain
									Violent thunderstorms and heavy rains struck coastal Harrison County and moved inland. Details of the extensive damage are given separately. The Small Business Bureau declared Harrison County a disaster area. Damaged or destroyed were: 375 residences, 36 house trailers, 7 commercial establishments, 3 motels, 1 service station, 1 church, 100 automobiles, considerable private utilities and public facilities; some 5300 telephones were out of service, about 1/6 of the telephones in the area. On the 30th 5 inches or more rain fell in a few hours. A one-day fall of 10.7 inches at Gulfport was the heaviest one-day October amount reported by coastal stations since 1888. Water gushed over dunes and into stores in towns along the beach; stranded cars virtually blocked U. S. Highway 90 much of the day. On the 31st rising water in Tuxachanic Creek, Tchoutacabouffa River and other streams created secondary storm problems; water had risen 12 feet in some areas; some homes were flooded; 5 families were evacuated near Biloxi. In Gulfport a bayou spilled over its banks into a low lying residential area and 21 families were driven from their homes by flooding.
Pass Christian and Long Beach, Harrison County	30-31				0	1	4	0	Wind, Heavy Rain
									On 30th damaging winds struck the Pass Christian and Long Beach Communities west of Gulfport. Man driving east on U. S. Highway 90 was injured, he said, "I couldn't steer my car - it wouldn't respond. Then it was thrown to side... and away over the seawall..." This occurred near Pitchers Point in Long Beach. Man driving west at the same time also experienced difficulty; he noticed the other car over the seawall, stopped and took its driver to the hospital. Quite a large area of Pass Christian north of 2nd Street was flooded; many of the streets were impassable until early morning of the 31st.
Gulfport, Harrison County	30	7:45 AM - 7:50 AM			0	4	5	0	Wind, Heavy Rain
									Damaging wind moved off Gulf over State Port and inland where U. S. Highway 49 joins coast line. Dredge boat in harbor vicinity damaged, 1 crewman cut by flying glass. State Port hit about 7:50 AM, West Pier warehouses received bulk of wind damage followed by water damage to fishmeal, and both bulk and sacked fertilizers. North of pier, one section of food packing plant demolished; some 20 of 30 empty tractor-trailers parked nearby were toppled, 3 men injured. Power and telephone lines downed, several poles made to lean. Debris scattered throughout area. Heavy rains followed, many beach areas flooded. Man in building reported "I was looking out the window and it (the storm) looked like a big ball of cloud, it looked like it came out of the water to me." Driver of refrigerated tractor-trailer parked on 30th Avenue Extension reported "I couldn't see any funnel shape. It woke me up but it was hard to see anything because of the rain." Another driver said "It lasted about 3 or 4 minutes." A little bit to the north, windows were broken out of an auto agency.
Mississippi City, Harrison County	30	7:54 AM	2	200 to 600	4	175	7	0	Tornado, Heavy Rain
									The central damage area was shrouded in heavy rain and low clouds; damage showed evidence of tornado action. Spurred as water spout in Gulf, Tornado swept inland over beach just east of junction Teagarden Road and U. S. Highway 90, 3 miles east of Gulfport docks. It cut a 200 to 600 yard swath for 2 miles through Mississippi City across Bayou Bernard to Handsboro. Destroyed on the beach front - close by U. S. 90 were a restaurant and a trailer court where many injuries occurred and 2 women died. Heavily damaged were 2 filling stations, another restaurant and 2 motels. On its northward path it smashed into a small residential area and group of businesses to the east of Gulfport East High School. Several acres of pine trees were leveled, about 4 or 5 buildings destroyed; rescue workers found a dead woman. Next it fell on the community of Handsboro; in this area the storm mounded its toll of smashed homes to at least 100. The sugar mill Marina at Handsboro also suffered considerable damage. Man who had looked out of motel window said, "Out across the Gulf I saw this big black cloud about 3 blocks wide moving in across the water"; it destroyed the motel then into a trailer court where only one trailer was left relatively intact. Woman occupant who had looked out of window said she could see nothing but a white mist during the peak of the wind, which she said lasted about 15 seconds. A man reported, "I heard this terrible roar, I looked and saw the sky just filled with shingles and debris. I saw this big cloud swirling but I did not see any funnel." In Handsboro, several eye witnesses said it churned through the residential district in about 1 minute. In Mississippi City most of the residential damage was on Teagarden Road. A man driving to work along U. S. Highway 90 when the tornado struck was injured and died several days later. Heavy rains continued into the 31st and hampered operations as searchers probed the tangled wreckage of homes, trailers, and motel units from the beachfront inland. Teagarden Road area was sealed off and guards were on duty throughout a 25-hour period to prevent looting of demolished buildings.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

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 (Cont'd.)											
Over Gulfport, Harrison County	30	Before 8:25 AM								Turbulence Aloft	
		Pilot reports extreme turbulence at 8000 feet over Gulfport. (Lat. 39.3°N, Long. 89.1°W).									
Biloxi City, Harrison County	30	9:55 AM			0	3	5	0		Wind, Heavy Rain	
		Damaging wind moved in off the Gulf with most of the damage at roof top level or above. Strong gusts of winds buffeted the Biloxi area causing minor damage with sporadic spots of heavier damage. A wooden water tower atop a downtown bank building was blown down. The wind swept away portions of the roofs of a number of houses, broke windows and caused other damage to residences. A large warehouse collapsed and debris was flung throughout the area. The heaviest hit was a lumber yard. One person received minor injuries in a building adjacent to the police station when objects and glass from broken windows began flying around. Heavy rain followed the storm flooding many beach areas, some streets near the beach were flooded up to 2 1/2 feet. Most business came to a standstill. Some 500 to 750 telephones were out of order on the 31st.									
Jackson County	30	Before 10:11 AM			0	0	3	0		Wind	
		Highway Patrol reported wind damage at Wade, 25 NE Biloxi (Lat. 30.6°N, Long. 88.7°W). Trees, power and telephone lines down.									
Neshoba County	30	2:31 PM						40 MW		Turbulence Aloft	
		Pilot reports extreme turbulence 6000 feet 40 MW Meridian (Lat. 32.8°N, Long. 89.3°W).									
Mississippi Sound	30	3:57 PM								Water Spout	
		Civil Defense Jackson, Mississippi reported information indicating water spout activity 50 miles off shore and moving towards Coast.									
Mississippi Sound	30	?								Water Spout	
		While one fishing vessel was towing another back to Ocean Springs they were struck by a water spout. The towed vessel rammed into the side of the other tearing a 3 foot hole; it was beached in shallow water near Mitchell Island 2 1/2 miles S of Cat Island.									
MISSOURI											
Western and North Central Missouri	5,6								4	Heavy Rain, Flooding and Lightning	
		Moderate to heavy rains accumulated from 3 to 5 inches in many locations in Northwestern and North Central Missouri. Some smaller streams went out of their banks causing some roads to be closed temporarily. Lightning started fires that destroyed 3 barns and caused innumerable power outages over the area.									
Grain Valley, Jackson County	16	5:20 AM							4	Thunderstorm	
		Four light aircraft were heavily damaged and two others received moderate damage as thunderstorm gusts crossed the Grain Valley Airport. An aircraft that had just parked was made airborne by the winds with an indicated airspeed of 70 miles per hour.									
Pomme De Terre State Park, Hickory County	24	7:05 AM	2	30-70					3	Tornado	
		A small tornado formed over Pomme De Terre Reservoir SSW of the State Park. The tornado moved ENE picking up water from the lake, moved on shore, over a wooded ridge and dipped into a cove to destroy the State Park Boat Marina. Spotty damage to trees, docks, and boats occurred along the shore 2 miles east of the Marina.									
California, Moniteau County	24	7:55 AM	1/2	30						Tornado	
		A small tornado dipped down briefly over California, Missouri to cause moderate damage to roofs and windows at the Moniteau Mills. Although the storm path was only 30 to 50 yards wide, it was strong enough to pick up 6 concrete firewall slabs weighing close to 300 pounds each.									
Wentzville, St. Charles County	24	9:50 AM	1/2	50		5			1	Tornado	
		A small tornado destroyed a Drive-In Restaurant, damaged a dozen parked cars and overturned, or damaged, several house trailers on the west edge of Wentzville. About 200 students attending a high school band festival were scheduled to eat at the Drive-In 20 to 30 minutes later but had been returned instead to the high school for shelter as the storm approached with a Tornado Watch in effect.									
St. Louis County	24	10:45 AM	2 1/2	50-100		2			5	Tornado	
		Intermittent touchdowns of a tornado caused moderate to major damage to about 30 homes in the northwest suburban areas of St. Louis County. Touchdowns occurred in Maryland Heights, Bridgeton, Hazelwood and Florissant. The same storm produced brief touchdowns on the Missouri side of the Mississippi River north of the Chain of Rocks Bridge and just across the river in the Wood River, Illinois area.									
MISSOURI (Cont'd.)											
Jefferson County	24	10:55 AM							1	Tornado	
		A tornado touched down in the Maxville-Arnold area of northeast Jefferson County destroying one barn, one home and severely damaging eight others. Subsequent damage very likely associated with this same parent storm occurred along a WSW-ENE path across the Mississippi into the Swansea, O'Fallon and Lebanon, Illinois areas.									
Perry County	24	12:15-12:45 Noon	13	Intermittent		1			3	Tornado	
		A severe thunderstorm crossed southern Perry County producing several reports of brief touchdowns of small tornadoes and funnel clouds aloft, along a 13-mile path from near Yount to just south of Longtown. Observed touchdowns occurred West of Highway 51 in the Cross Roads Community, 9 miles southwest of Perryville, two miles ENE of the above location and 2 miles south of Longtown on Highway 61. Several small barns and outbuildings were either destroyed or unroofed along the path.									
Cape Girardeau County (2 E Pocahontas)	24	1:00 PM	1/2							Tornado	
		A tornado was observed to touch down in open farmland along a 1/2-mile path two miles east of Pocahontas.									
Scott County (in Salcedo)	24	1:15 PM							1	Tornado	
		A tornado destroyed a machine shop-aircraft hangar and a barn and heavily damaged a light aircraft on two adjacent farms one mile north of Salcedo on Highway 7.									
East Central and Southeast Missouri	24	11:00-11:30 PM							1	Thunderstorm--Winds and Hail	
		The squall line that produced the tornado activity detailed above swept across the eastern and southeastern Missouri counties producing numerous reports of thunderstorm wind damage. Damage was heaviest in St. Charles, St. Louis, Jefferson, St. Genevieve, Madison, Perry, Cape Girardeau and Scott Counties. Several barns were destroyed and many houses, barns and outbuildings sustained structural damage.									
MONTANA											
										None reported	
NEBRASKA											
										None reported	
NEVADA											
										None reported	
NEW HAMPSHIRE											
Statewide	18-19				0	0	4	0		Wind	
		Strong winds gusting to over 50 mph caused widespread but minor damage across the state. Damage consisted of broken trees and branches, downed wires and signs, and local outages of power and telephone services.									
NEW JERSEY											
Pennington, Mercer County	18	7:40 p.m. EDT	1/2		100	0	0		1	0	Tornado
		A tornado demolished or severely damaged five farm buildings and two trees were twisted off near their bases at Pennington, in northern Mercer County. There were no deaths or injuries.									
NEW MEXICO											
										None reported	
NEW YORK											
New York City	10	Noon to 9 p. m.				2			1		Rain
		Afternoon and early evening storm, which intensified and yielded up to 0.48 inch per hour near the rush hours, caused extensive traffic jams, especially in North Queens. A six-block section of street was closed when temporary landfill caved in, trapping a bus and six autos. Two pedestrians struck by cars in separate accidents during downpour, each suffering serious injuries. Fog earlier in the day delayed air traffic at Kennedy Airport for up to two hours.									
Schuyler and Tompkins Counties	18-19	Night of 18-19							1		Electrical
		Lightning-caused fire, destroyed home near Hector, Schuyler County. Widespread heavy rain in eastern Finger Lakes with 2.27 inches at Ithaca, heaviest storm total since June 1966; minor flooding reported. Scattered power and telephone failures extended into southern sections of Cayuga and Seneca Counties.									
New York City	25	Late p. m.							1		Rain, Wind
		Heavy showers totaling up to 1.4 inches within four hours yielded 0.8 inch between 8 p. m. and 9 p. m. (E. S. Time) at Central Park observatory. High wind accompanied rain with gusts recorded at 42 mph. Many trees and utility lines downed in various sections of city with a number of parked cars damaged by falling limbs and debris. Street traffic hampered by flooding at numerous intersections and low points.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

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 (Cont'd.) Lake Erie Shoreline	27-28	6 p. m. on 27 to 2 a. m. on 28						5		Wind	
		Gale winds, following passage of cold front battered boats, harbor facilities and shoreline areas of Lake Erie. Peak gusts about 11:30 p. m. of 27th measured at 96 mph. by Coast Guard in Buffalo Harbor and at 59 mph. at Weather Bureau at Buffalo Airport, 5 miles inland. Many sailing vessels and powerboats were sunk, driven ashore or otherwise damaged. Tide gauge in Buffalo harbor measured rise in Lake Erie level at 4.0 feet between 5:00 and 5:30 p. m. with resulting level of 9.5 feet being the fifth highest of record. Three young boys marooned on lakeside cliff for 15 hours in Town of Hamburg, but were evacuated safely after waves subsided morning of 28th. Gale winds followed first lake-effect storm of season which brought rain, snow and sleet on 28th.									
NORTH CAROLINA			None reported								
NORTH DAKOTA Near Max	2	5:00 p	6	Narrow	0	0	3	0		Tornado	
		Storm was first sighted about 5:00 PM 3 miles SSW of Max traveling northeasterly. It was last sighted approximately 5 miles east of Max at about 5:15 PM.									
OHIO Southwest Ohio	24	Evening			0	1	4			Wind	
		Strong winds from a few severe thunderstorms accompanied a cold front as it moved across the state. Most damage occurred in the Cincinnati area where roofs were blown off 3 apartment buildings and several homes, as well as reports of downed trees and utility lines. Winds of 70 mph were recorded at Clinton County AFB near Wilmington. Strong winds were also reported in the Dayton and Columbus areas.									
Lorain, 6 miles NW	28	8:39a								Waterspout	
		An observer aboard the steamer I. S. Olds sighted a waterspout moving east over Lake Erie.									
OKLAHOMA Southeast and eastern border	29-30	3:00p., 29th - 7:00a., 30th	180	*20-60	0	0	?	?		Rain	
		Heavy rains of over 3 inches fell in ten counties along the eastern border and southeast. Totals of 4 inches and over occurred in 5 of the southeast mountain counties with over 6 inches reported in the Zoo-Smithville-Kiamichi Tower area. Heaviest total was 6.28 inches received at Smithville. Local flooding was prevalent along the entire James Fork Creek bottom which lacks watershed detention dams. This was reported to be the third largest flood along the Creek and major loss is expected from washed fences and roads, sediment damage, soil erosion, and sediment fallout on grasses.									
North-Central Oklahoma	30	About 9:00a.-3:30p.			0	0	4	0		Wind	
		Strong gusty surface winds in Grant, Kay, and Payne Counties prevailed out of the north-northeast. Gusts up to 60 and 63 MPH were observed at the Stillwater Airport around 9:00 AM with the Ponca City FAA Flight Service Station reporting gusts up to 50 MPH between 3:00 and 3:30 PM. A 12-by-35-foot trailer home being towed westward along SH 11 about 2.6 miles east of Medford was blown into the bar ditch and demolished during the afternoon.									
OREGON West of Cascades, Deschutes Basin and most of northern fourth of the State	2	Late afternoon and evening			1	10-15	6	6		Wind storm	
		Highest winds to be recorded in much of western, central and northeast Oregon since 1962 Columbus Day storm. Agriculture, timber, power and telephones utilities, homes damaged over widespread areas. Fastest mile of 70 mph officially recorded at Portland Airport; speeds of 100-115 mph unofficially recorded along coast.									
3 miles southwest of Astoria Airport	3	1:05 PM	0.5	70	0	0	4	1		Tornado	
		Tornado moved inland from Pacific Ocean for about 1/2 mile before disintegrating. Several homes, a few other buildings, considerable quantity of ornamental trees and shrubs damaged. First true tornado to ever be officially observed in this area.									
PACIFIC AREA Kwajalein	4	6:40 p. - 6:45 p.	?	?			0	0		Waterspout	
		Waterspout sighted approximately 3 to 5 miles west of Weather Bureau station, moving west and associated with small cumulonimbus and light rain shower.									
PACIFIC AREA (Cont'd.) American Samoa	9	6:00 a., 7th 6:00 a., 10th					0	0	5	0	Heavy Rains
		Heavy rains severely damaged roads and culverts near Mapusaga Village and in Vaipito Valley. WBAS Pago Pago reported 7.50 inches in 24 hours beginning midnight on the 8th and 1.60 inches from 8:00 a.m. to 9:00 a.m. on 9th with gusts to 40 miles an hour. Estimated cost of repairs \$160,000.									
Kwajalein	29	8:30 a.	?	?			0	0		Funnel Cloud	
		Funnel cloud seen and photographed 3 to 5 miles south of Weather Bureau station. Rain showers reported in vicinity at time.									
PENNSYLVANIA Scranton	17	7:00 p.						3		Thunderstorm	
		Wind-tossed tree branches damaged two automobiles in Scranton.									
Dauphin County	18	morning	15	30			7	5		Tornado	
		A northeastward-moving tornado hit a Middletown school, causing \$275,000 damage and injuring five students when it tore off part of the roof, smashed windows, and threw debris onto the classrooms. A nearby chicken-house was leveled and several barns and homes were damaged extensively. On the Pennsylvania Turnpike near Middletown an auto was overturned, and the wind picked up and headed a moving car in the opposite direction. Two occupants were hospitalized. At Palmyra R.D. #1 the wind tore away part of a cinder-block machine shop and speared one of the building's beams through the convertible roof of a car.									
Eastern Counties	18	evening						6		Wind	
		Wind gusts of up to 50 m.p.h. created widespread minor damage to roofs, windows, and shrubbery, and countless antennas were carried off by the winds. Power failures were common and extensive. In York an antenna blew onto electric lines, sparking a small fire, and in a similar incident the entire electrical system in a house was burned out. At Columbia in Lancaster County the facing was ripped from the fire hall by high winds. At Franconia in Montgomery County wind moved a barn from its site, destroyed assorted farm outbuildings, blew off the roof of an apartment house, and knocked over the side of a home under construction. A tree blew onto a house in Audubon, causing extensive damage. At the Allentown-Bethlehem-Easton Airport an airliner was forced off the runway when struck by a sudden gust of wind during landing operations; damage was confined to propellers and undercarriage. At least three automobiles were victims of the storm in Wilkes-Barre and East Stroudsburg where wind snapped large branches from trees and threw them onto the vehicles.									
Sunbury	25	afternoon						4		Lightning	
		Damages in excess of \$8,000 and six persons homeless was the result of two fires sparked by lightning near Sunbury. Connection from the strike damaged two adjacent homes.									
Lehigh Valley	25	night						3		Wind	
		Downed trees and electric wires damaged at least three automobiles.									
PUERTO RICO Cidra	29	3:50 p					1	0	0	0	Lightning
		During heavy afternoon thunderstorm activity in eastern interior of island a lightning bolt struck a palm tree and ran into a house beneath killing a boy in the living room.									
RHODE ISLAND SOUTH CAROLINA SOUTH DAKOTA TENNESSEE											None reported
West Tennessee	24	6:30-7:30 p.	?	?			0	3	50	0	Funnel Clouds aloft, Hail and Rain
		State Highway Patrol reported funnel clouds aloft, especially on Tennessee-Mississippi State-line in McNairy County (See Mississippi Section this publication) and Decatur County. Several houses were unroofed, some small buildings and house trailers destroyed, and utility lines broken by uprooted trees and flying debris. Some of the localities having funnels were: Michie and Acton of McNairy County, and Bath Springs and Scotts Hill area of Decatur County. Wind and hail damage to windows, barns, houses and trees was also reported in Hardeman, Chester, Henderson, Hardin, Dyer and Carroll Counties. Hail scattered northeastward across the southern counties of West Tennessee averaged 1/2-inch size with largest of 3/4-inch size reported near Michie and Acton. Hail damaged corn and cotton.									
Oak Ridge, Anderson County	25	1 a.m.					0	0	3	0	Lightning
		House damaged by lightning strike.									

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1967

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS</b>									
Corpus Christi Bay	11	6:30 p							Waterspout
205W Galveston Galveston Co.	29	2:40 p	short	narrow	0	0	3	0	Tornado A tornado dipped out of a cloud just long enough to unroof a beach house at the Sea Isle Resort.
Seagoville Kaufman Co.	29	3:00 p			0	1	0	0	Lightning Mrs. E. R. Howard, 70, was struck and critically injured by lightning while she was walking her dog.
Near Malone Hill Co.	29	6:30 p			1	0	0	0	Lightning Eddie Louis Schulz was struck and killed by lightning on his farm near Malone while he was tending cattle in a pasture.
Kirbyville Jasper Co.	30	morning	?	?	0	0	?	?	Tornado The tornado destroyed buildings at the Milton Hoxsey Place, the Jimmy Hoxsey Place and the Jasper-Newton Electric Cooperative.
San Antonio Bexar Co.	29	midnight	?	?	1	3	5	0	Windstorm A cold front passing through San Antonio late Sunday brought 60 m.p.h. winds that caused \$340,000 damage at Kelly AFB. A family of three was injured when their house trailer was overturned near Lackland AFB. A gust of wind lifted a two-ton truck off U.S. 281 eight miles north of San Antonio throwing the driver, George Russell Burkett, 21, out of the cab and into a pool of gasoline from the ruptured gas tank. The gasoline burst into flames burning Burkett to death.
<b>UTAH</b>									
None reported									
<b>VERMONT</b>									
Statewide	18-49				0	0	3	0	Wind Strong winds gusting to more than 40 mph caused widespread minor damage consisting of downed branches and signs and some power and telephone outages.
<b>U. S. VIRGIN IS.</b>									
None reported									
<b>VIRGINIA</b>									
Virginia Beach, Princess Anne County	25	6:00 p.	2	narrow	0	0	4	0	Tornado A tornado funnel, moving from southwest to northeast, dipped near the ground several times during its path across the coastal part of the city. One house was unroofed and other buildings had minor roof damage. Several large trees were uprooted, tops broken out of others, windows were smashed from homes, automobiles, and motels, and power lines were downed. Five automobiles in path had one or more windows broken outward indicating a sudden pressure drop.
<b>WASHINGTON</b>									
West of Cascades	1						4		Wind, rain, snow The first of a series of Pacific storms to reach the State this fall moved inland on the first. High winds resulted in power outages and minor property damage in some localities. In northern Puget Sound, one barge was damaged and a tugboat sank. Heavy snowfall in the higher elevations of the Olympic Mountains caught hikers and campers unprepared.
Entire State.	2 & 3						4	4	Wind A rapidly intensifying storm approached the northern Oregon coast from the west-southwest on the second. A minimum pressure of approximately 964 mbs. was reached near the northwestern Oregon coast. The storm center moved inland near Astoria, Oregon at about 2100 PDT, then eastward, passing north of Portland and crossing the Cascades into eastern Washington during the early morning of the third. Wind velocities ranging from 50 to 70 MPH were reported along the path of the storm. Power outages occurred, windows were broken and other property damage was reported. Severe dust-storms and loss of unharvested apples was reported in southern counties of eastern Washington.
<b>WEST VIRGINIA</b>									
None reported									
<b>WISCONSIN</b>									
None reported									
<b>WYOMING</b>									
No report received by printing deadline									

° Includes crop damage.  
 C Crop damage.  
 \* Miles instead of yards.  
 † 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.

SUBSCRIPTION PRICE: 15 cents per copy; yearly subscriptions \$1.50 domestic, \$2.00 foreign. Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to "Superintendent of Documents, Government Printing Office, Washington, D. C. 20402."

USCOMM-ESSA-Asheville, N. C. 11/30/67-1080