

U. S. DEPARTMENT OF COMMERCE

Luther H. Hodges, Secretary

WEATHER BUREAU

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STORM DATA

OCTOBER 1962

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ASHEVILLE: 1962

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1962

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
ALABAMA											
Banks, Pike County	8	Afternoon			1	2					Electrical injury to two workers.
Dothan, Houston County	8	4:05 p									Funnel cloud 2 miles southwest of Dothan.
ALASKA											No report received by printing headline.
ARIZONA											
Klaretch (15 miles NNW)	17	11:20 a.			0	0	0	0			Tornado
											Tornado funnel sighted over open desert country. Funnel was in sight of observer for 10 minutes.
Heber (near)	17	7:10 a.	2	200	0	0	3	0			Tornado
											Funnel moved northeastward at an estimated speed of 10-15 mph. Flat hailstones 1 to 2 inches in diameter followed the passage of the funnel. Most of the time the funnel was aloft, touching ground briefly in three known spots just north and south of the Mogollon Rm. About 2,500,000 board feet of timber were damaged. Several buildings in Overgaard were also damaged. This was probably a different funnel cloud from that described above near Klaretch, although associated with the same general storm.
ARKANSAS											
Monticello area, Drew County	7	7:00 p.	5	* 2	0	0	4	4			Wind and hail.
											High winds did extensive damage to building under construction, damaged roofs, uprooted trees and blew down power lines. Hail of 3/4 to 1 inch diameter destroyed some of the rice crop in the area.
CALIFORNIA											
Northern California	10-13				5	25	6	6			Rain, wind
											Heavy rains and strong winds caused heavy damage over the State from Monterey Bay northward. Extensive damage resulted to utility lines and construction jobs. Homes and business establishments were flooded. Highways were washed out. Crops were damaged and orchard trees were blown over. Many boats were wrecked or sunk. Two children were killed by mud slides; two adults were killed by falling trees; one seaman was washed overboard and lost.
COLORADO											
Boulder, Weld and Larimer Counties	5	6:00 PM- Mid			0	1	6	4			Heavy rain and hail
											Unusually severe thunderstorms for the season affected areas from Boulder to the Wyoming state line. Hail up to golf ball size, did much damage to roofs, windows, signs, etc. in Boulder and Longmont. Lightning damaged trees, buildings and power lines and set fires. Heavy rain caused flooding in towns in the area. High wind accompanied the rain and hail in most places. A man was injured in a bus when it swerved and overturned near Rockpoint while traveling during a blinding hail, rain and wind storm.
CONNECTICUT											
Statewide	4-7	7:00 p., 4th 4:00 p., 7th			0	0	4	0			Rain
											Although moderate to heavy rains of 1 1/2 - 3 1/2 inches occurred throughout most of Connecticut except Tolland, Hitchfield and some parts of Hartford Counties where smaller totals were noted, the greatest concentration was recorded in the east where 3 1/2 - 5 inches were common. Here the greatest damage was caused by road washouts, eroded slopes and flooded cellars. Throughout the State many automobile drivers were blinded by rain or skidded on leaf slick highways causing a rash of traffic accidents which resulted in 6 fatalities.
DELAWARE											
FLORIDA											None reported
Miami Dade Co.	1	10:27 a.									Funnel Cloud
Indian town Martin Co.	5	3:20 p.									Funnel Cloud
Fort Myers Lee Co.	7	3:12 p.									Funnel Cloud
Tavernier Manroe Co.	31	After- noon			0	1					Lightning
GEORGIA											
Northwest	3-4	Night			0	0	5	0			Rain, wind and lightning
											Extremely heavy rains caused extensive damage to streets, roads and bridges in several northwest counties. Basements of many homes and businesses were flooded in Cobb, Catoosa, Fulton and Whitfield Counties. Some lightning and wind damage also reported in Dalton area of Whitfield County.
HAWAII											None reported
IDAHO											None reported
Northern Illinois	7	after			0	0	4	5			Hail, wind, rain
											Hail damaged soybeans and broke glass in greenhouses and other buildings as high winds and heavy rain swept across a portion of northern Illinois. Wind damaged trees, utility lines and some roofs. One inch of rain in eight minutes and hailstones greater than one inch in diameter fell in Fairbury about 5 p.m. Damage reports were most numerous from Bureau, La Salle, Grundy, Ford, Livingston and Iroquois Counties.
INDIANA											
Rensselaer and Central Jasper County	7	6:15 p.			0	1	5	3			Wind
											Winds from severe thunderstorms tore down electric lines, disrupted some telephone communications, caused major damage to some properties, and blew down trees which fell on cars, houses, and roads. One person was slightly injured and property losses approached \$100,000.
IOWA											
Dubuque	1	12:15 p						4			Lightning
4W Missouri Valley	19	10:00 a						4	4		Hailstorm
											Hail covered the ground.
KANSAS											
Jefferson County	19	7:30 a.									Funnel cloud
											A small funnel cloud was sighted about 3 miles northwest of Ozawika.
Sheridan and Prairie Counties	19	5:30 p.- 7:30 p.	5	* 1 1/2				3	4		Hail and wind
											Hail fell over several strips as a thunderstorm moved from northwest to southeast across these counties. Stones ranged from many of marble size to 1 1/2 inches in diameter. In local areas high wind accompanied the hail.
KENTUCKY											None reported
LOUISIANA											
West and East Baton Rouge Parishes	1	5:31 a.- 6:30 a.	1/2	100	0	0	5	0			Wind, possible small tornado
											High winds 5:31 a., 15 W Baton Rouge State Police weighing station on route 190. No damage reported. Possible tornado 6:20 a.-6:25 a. Baton Rouge, vicinity Choctaw Drive and Sorrel Avenue warehouse area. Storm moved from SW toward NW; an automobile was picked up and placed on two others; trees blown down, did not show evidence of twisting motion.
Lafayette Parish S of Lafayette	2	2:00 p.									Funnel cloud
Vermilion Parish 10 S Lafayette	3	2:15 p.									Funnel clouds
											Six funnel clouds
Gulf of Mexico 90 S Lafayette	6	6:30 a.									Waterspout
											Reported by Coast Guard at Latitude 28° 48' N, Longitude 92° 28' W.
Near Maringouin Iberville Parish	8	About 6:30 p.	?	?	0	0	3*	C			Tornado
											Tornado reported by public; flattened haybarn; killed 7 cows.
Cameron Parish	29				0	0	?	0			Lightning
											Lightning struck oil distillate tanks and some blew up at Creole.
MAINE											
Coastal and Southern Interior	5-7				1	4	6	4			Rain, wind, surf
											The combined impact of a coastal storm or "northeaster" on the 5th and 6th and the fringe of tropical storm Daisy immediately following on the 6th and 7th produced widespread and heavy damage. Losses included one fatality and injuries to 4 persons. A young man was killed at Thomaston when a giant elm crushed the car in which he was riding. A companion was injured. In two separate accidents, three other persons were rescued but sustained injuries when the heavy surf swept them into the sea. Major damage resulted from record rainfall in York, Cumberland and Oxford Counties where the continuous rain for more than 2 1/2 days yielded totals of 6 to 10 inches. Flood waters entered thousands of cellars and basements and covered many streets and highways. Usually dry, level fields and golf courses became shallow lakes. Road washouts were numerous. In the Rumford area a temporary bridge was washed away. Other sections of the coast and the southern interior suffered equally damaging effects mostly from winds that peaked upwards of 70 m.p.h. and from unusually heavy surf. Thousands of trees and limbs were downed. Many communities were without power or phone services for varying periods. A number of homes were damaged by falling trees while more had shingles torn from sidings. Several storm windows were blown in and display signs and TV antennas were downed or damaged. Local flooding was also experienced in other southwestern counties where rainfall yields ranged from 3 to 6 inches. Heaviest storm losses were reserved for the immediate coast and the islands. Coastal installations were hammered by giant waves. Lobster fishermen suffered heavy losses in damaged and lost lobster gear. Hundreds of small boats were ripped from their moorings and sunk or smashed. Several larger pleasure craft were badly damaged. At Southwest Harbor a pier was washed away and the tops of several wharves were lifted and lost. Acre-size Mt. Desert Rock, 22

See reference notes at end of table.

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					KILLED	INURED	PROPERTY	CROPS		
MAINE (Cont'd)										
			miles off shore from Southwest Harbor, was pounded and washed by mountainous seas. Several small buildings were swept away. Only the main building and a granite tower were left intact. Damage was reportedly the heaviest in the 115-year history of the Coast Guard Base there. Winds stripped leaves from trees. Fallen leaves clogged drains to intensify many local flooding problems. The wet, slippery leaves on roads were also blamed for many of the rash of traffic accidents in which many injuries and some deaths occurred. New 24 hour rainfall records were set in southwest Maine, including Portland where 7.71 inches fell in this time on the 5-6th. Portland's old 24-hour record was 7.49 inches, in September 1954.							
State	26-27				0	0	0	0	Snow	
			The first major snowstorm came very early in the season and brought totals generally of 7 to 14 inches to the area from Kennebec Co. northward and northeastward over northern Maine. The heaviest amounts were reported in the Greenville-Moosehead Lake area and northward over western Aroostook Co. Many stations received record amounts for so early in the season, including Portland with 3.6 inches and Greenville with 13.9 inches. Due mostly to this storm, October totals set new records at many stations, including Portland and Caribou. Schools were dismissed in some sections on the 26th. At least 13 were injured in a rash of highway accidents blamed on the storm.							
MARYLAND										
Solomons to Princess Anne	8th-9th	During Night			0	0	2	4	Wind and Hail	
			Flat hail $\frac{1}{4}$ " to 1" in diameter fell at Solomons doing minor damage. As the storm moved eastward to Princess Anne, hail $\frac{1}{4}$ " to $\frac{1}{2}$ " in size fell to a depth of $\frac{1}{2}$ " and damaged late crops.							
Mechanicsville	9th	7:00AM - 7:30AM	2	1	0	0	4	3	Wind and Hail	
			Trees were blown over, one onto the Medical Center, a few buildings were deroofed or destroyed, and windows were broken by large hail and wind.							
MASSACHUSETTS										
Eastern and Central	5-6				1	1	7	3	Rain, wind, surf	
			The combined impact of a coastal storm or "northeaster" on October 5-6 and the fringe of tropical storm Daisy immediately following on October 6-7 produced some damaging winds and widespread washing and flooding rains in about 24 days of rainfall. Storm rainfall totals ranged from 8 to 12 inches in a band just inland from the coast, with one report of 14.25 inches from an unofficial gage in Wakefield. Totals were generally 4 to 8 inches elsewhere east of the Connecticut River Valley. Thence westward, totals tapered down to 2 inches or less in the Berkshires. In the band of heaviest rainfall through Middlesex and Essex Counties, new precipitation records were set. This includes a 24 hour total of 7.98 inches at Reading, where the storm totaled 11.07 inches, the most for any single storm in over 62 years of record, and where the total for the month, 12.85 inches, was also a new record for any month. Local flooding was extensive in these counties with thousands of cellars filled. Many roads under water, some for two days or more. Much soil was washed away and small landslides covered roads. Wind and lashing rain stripped many leaves from trees which clogged drains to intensify local urban flooding. Several hundred families were evacuated from flooded homes, including 150 in Chelsea. Much property was lost or damaged by floodwater, including more than \$100,000 loss at a single warehouse in the Boston Metropolitan area. The Aberjona River and Mystic Lakes system flooded and swept property away downstream. All forms of transportation were affected as water also flooded rail lines and city subways. The Metropolitan Transit Authority reported its worse storm troubles in its history. The wet slippery leaves were a factor of the concurrent rash of traffic accidents which involved many injuries and 11 deaths. Only 1 death was directly caused by the storm, however, when a young man was swept into the sea by a huge wave at Nahant. Another was injured while trying to save a boat at Marblehead. The storm caused tides 2 feet or more above normal and heavy surf battered the coastline and smashed at many small boats, with considerable loss. Inland wind damage was relatively minor, though some trees and limbs were blown onto power and phone lines, causing service outages. Other outages were due to flooded cables.							
Charlton	12	About 4:30 p.	Narrow	0	0	4	0	0	Tornado	
			A small tornado dipped down three times along a total path of over 5 miles length, with individual paths of 0.8, 0.25, and 0.25 mile lengths. The path of damage was narrow, varying from about 200 feet to 200 yards. Direction of movement was to the east-southeast. Hail fell in the vicinity.							
State	26				0	0	0	0	Snow	
			The season's first significant snowstorm, much earlier in the season than usual, either melted as it fell or brought rapidly melting slush to the immediate coastal area and parts of the southern portion, but accumulated to 1 to 2 inches over much of the State and up to 5 inches in higher elevations of Worcester Co. New record amounts for so early in the season were set at a number of stations. At Worcester, 4.7 inches from this storm set a new October snowfall record, exceeding the previous record of 3.6 inches set in 1960. Wet snow and slush on highways produced hazardous driving conditions and many accidents occurred, involving many injuries and 6 deaths.							
MICHIGAN										
Pinconning	10	Evening					4		Thunderstorm with high winds.	
			High winds blew down numerous trees with resultant damage to buildings, cars and homes, windows as well as large plate glass windows were broken and also numerous neon signs and TV antennas were blown down due to high winds. A Drive-In restaurant suffered heavy damage when high winds blew down 2 walls of the building. Several buildings including barns on farms in the nearby vicinity suffered heavy wind damage.							
Benton Harbor	25	1:05 p.							Waterspout	
			Pilot reported waterspout over Lake Michigan in the vicinity of Benton Harbor.							
MINNESOTA										
Rochester (near), Olmsted County	4	3:53 p.							Funnel cloud aloft	
			Funnel cloud observed by Highway patrol 15 miles west of Rochester and again near Rochester Airport. Funnel touched ground but no damage reported.							
MISSISSIPPI										
Washington County	7	8:00 p. - 9:00 p.	10	6*	0	0	7	5	Wind, thunderstorm	
			Greenville-Delta area: cotton blown out; rice blown down; few houses unroofed; broken power lines; telephones and television blacked out; fallen trees. Greenville Airport reported wind 50 miles per hour, with stronger gusts.							
Central, East Central, Southwest, South Central, and Southeast Divisions	25								Dry spell	
			U.S. Department of Agriculture emergency feed grain program made available to eligible farmers in 24 counties. Dry weather brought poor hay yields and damaged pastures.							
MISSOURI										
Nevada, vicinity of Vernon County	6	8:00 pm					5		Tornado	
			Storm damage began at Nevada Airport and continued in a northeast direction for approximately 15 miles. Part of hangar roof blown away, with other damage along the 15 miles limited to sheds and barns. Only evidence of tornado was near town of Walker, where fence posts were lifted out of the ground. At 9:15 pm non-tornadoic wind damage reported 70 miles northeast of Nevada in Morgan County.							
Jackson, Johnson, Pettis, St. Louis, Taney and Texas Counties	12-13	Late afternoon continuing until 2 pm on 13th					5	4	Severe Lightning and Heavy Rains	
			Six different reports made of lightning and/or locally heavy rains which produced damaging floods of smaller streams. Locations scattered over all of Missouri except the northern one-third.							
MONTANA										
Extreme Northeast corner, Montana	15	Early morning	100	*75	0	0	5	0	Rain, sleet, wet snow, and wind	
			The general area of storm was from Glasgow (Valley County) east to the North Dakota border and north of the Missouri River. The storm began in the early morning hours and ended about mid-day. Telephone and power lines, poles, and crossarms were coated with ice and heavy wet snow. Wires and crossarms were broken from the weight of ice and force of the wind. A few power and telephone poles were blown over. Service in some sections was not restored until three or four days after the storm was over. Schools at Culbertson were closed on the 13th due to lack of power for light and heat. The storm extended into North Dakota.							
NEBRASKA										
			None reported							
NEVADA										
			None reported							
NEW HAMPSHIRE										
Southern and Central	5-7				0	0	5	3	Rain, wind, surf	
			The combined impact of a coastal storm or "northeaster" on October 5-6 and the fringe of tropical storm Daisy immediately following on October 6-7 produced strong winds and widespread washing and flooding rains in about 24 days of continuous downpour. Storm rainfall totals ranged from 8 to 12 inches in a band near the coast and generally 4 to 8 inches elsewhere in southern and central New Hampshire. The extreme northern portion received only 2 to 4 inches with less serious effects. Flooded roads, fields, and cellars were numerous in the coastal and southeastern portions with many also in the central portion. Road washouts, small landslides, and cave-ins resulted. Wind stripped leaves from trees. These clogged drains to intensify local urban flooding problems. The wet slippery leaves on roads were a factor in many of the concurrent rash of traffic accidents in which some injuries and deaths occurred. Damage by surf on the coastline was minimal.							

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					KILLED	INJURED	PROPERTY	CROPS	
NEW HAMPSHIRE (Cont'd)									
State	26				0	0	0	0	Snow
	though a few small boats were damaged. Fallen trees and limbs broke some power and phone lines while other outages were caused by short circuits due to the excess water. General flood damage was minimized by operation of flood control dams.								
	The first major snowstorm of the season came unusually early. Though much of the snow melted as it fell in coastal and other lowlands, totals of 4 to 6 inches were reported in higher elevations of the southern portion and up to 4 to 8 inches were common in the north. In the extreme north this was not the first snowstorm of the season as a few stations had received up to 1 to 4 inches a few days earlier, on October 24-25.								
NEW JERSEY									
Essex, Hudson and Passaic Counties	4-5				0	0	3	0	Heavy rain
	Rainfall from 2 to 36 inches fell during afternoon and evening of the 4th and most of morning of the 5th. Storm sewers, streets, and highways were flooded. No severe damage reported, but numerous traffic tieups occurred.								
NEW MEXICO									
Doña Ana County	18	9:00 p.					3	4	Hail and rain
	Hardest hit area was north and west of Hatch with extensive damage to cotton crop and some damage to corn, grain sorghum and chile. Half of marble size accumulated to 5 inches in some spots. Hail lasted 1/2-hour accompanied by driving rains of 1/2-inch to over 1 inch. 10% to 100% damage to cotton acreage, with 1,000 acres of cotton damaged at Hatch. Some damage to roofs and windows. Thunderstorms in south-central part of county with damage to cotton and lettuce.								
Idly County	27	2:30 p.	Short	Narrow			4		Tornado and wind
	Tornado near Otis, accompanied by rain and pea size hail, caused no damage. A massive dust devil ripped 5 hours off 2 hangars and damaged 2 stored Cessna aircraft at Barstow Airport. Dust devil moved NE.								
NEW YORK									
Southern Tier Counties - Channing, Tioga, and Broome, and in the Binghamton-Johnson City-Sudbuck area - especially north of the cities	11-12	Late afternoon of 11th into morning hours of 12th			5	2	5		Heavy rain, high winds, lightning, flooding
	Heavy and very destructive thunderstorm rainfall, lightning strikes, high winds and severe localized flooding. Short period heavy rainfall up to 4 inches produced severe flooding and washouts in streets and highways. One car with 5 teenagers swept to their deaths in flooding stream across the highway. Two people shocked by near lightning strikes. Lightning caused fires as far west as Elmira, where rainfall produced some destructive flooding. The Rochester area southward to Ontario County and southeastward through Tompkins County to the Southern Tier was in the severe thunderstorm belt and suffered from lightning strikes, high winds, hail and heavy flooding rainfall. Most severe damage to highways by washouts, street flooding and farmland flooding.								
NORTH CAROLINA									
Coastal Area	18-19				0	0	4	4	Hurricane Ella
	The center of Hurricane Ella remained well offshore, and winds at coastal stations barely reached gale force. Property damage was confined almost entirely to beach erosion, and crop damage, although scattered over a considerable area, was slight.								
NORTH DAKOTA									
OHIO									
OKLAHOMA									
Pottaw, LeFlore County	7	3:30p.-4:00p.	?	?	0	0	0	0	Hail
	Few hailstones up to 1.3 inches in diameter fell over city. No damage reported.								
Atoka and Bryan Counties	10	3:00p.-6:30p.			0	0	?	?	Rain and hail
	Locally heavy thunderstorms moved east-southeast across area. Rains up to 5.20 inches fell at Atoka with unofficial amounts up to 7.50 inches reported within Atoka County. Bryan County hardest hit from Kenzie to Durant and to Roberts. Central part of County had heaviest damage from 1.7-inch hail with more than half of window panes destroyed in downtown Durant, and numerous cars damaged. Seven greenhouses had 1400 panes of glass knocked out. Some cotton and pecans damaged. Insulators were broken by hail and provided electrical outages over large area. Roberts and Bokchito areas received unofficial 4.50 inches of rain with considerable damage done by hail and washing.								
Grady, Stephens, Garvin, Pottawatomie, Nowata, and Coal Counties	27-28	5:00p.-8:30a.			0	0	?	?	Heavy Rain
	Heavy rains of 3.05 to 5.64 inches fell across area during south-eastward movement of cold front. Heavier rains provided by locally severe thunderstorms which totaled 5.25 inches at Rush Springs where seven homes received lightning damage, 4.20 inches at Lindsay where a Chevrolet Company garage roof caved in, and 5.64 inches at Tonaw.								
OREGON									
Entire State west of the Cascade Mountains and scattered areas immediately east of them.	12	1:00 pm to 9:00			24	100's	8	7	Wind
	Winds of hurricane force extended over practically all of Oregon west of Cascades; speeds observed were unprecedented during periods of record in inland western valleys. According to official records of American Red Cross 84 homes were totally destroyed, 5,262 suffered major damage and 46,672 were damaged to a lesser degree. In some counties as much as 90-95% of farm buildings were damaged. From 25% to 50% of the walnut, filbert and prune orchards were uprooted. Many millions dollars damage caused utilities. At time of maximum service outages between 90,000 and 100,000 telephones were out of operation and over 400,000 power customers were without service. Thousands of public and industrial buildings were damaged. Preliminary estimates by the U. S. Forest Service indicates that blow down of Oregon timber will exceed 2 1/2 billion board feet. Because winds in earlier stages had destroyed power lines few, if any, records of top wind speeds were obtained. From available records it is known that gusts in excess of 100 m.p.h. occurred at many points.								
PENNSYLVANIA									
Jonestown	9						4		Thunderstorm
	A barn was fired and destroyed by lightning.								
Glen Rock	13						4		Thunderstorm
	A lightning-triggered fire destroyed a barn and contents valued at \$50,000.								
PURTO RICO									
South and southeast	14-15								Heavy rains
	Following the passage of an easterly wave over Puerto Rico on Saturday afternoon, October 13, heavy convective showers and thunderstorms developed on Sunday, October 14, off the south and east coasts of the island. Intensification of the easterly wave circulation into tropical storm Ella over southeastern Bahamas precipitated the showers and thunderstorms to move inland. At 6:45 PM Sunday, rainfall amounts along the south and east coastal sections showed 4.77 inches at Rio Blanco; Ponce, 5.54 inches; Carite, 1.87 inches and Villalba, 1.50 inches in a 12 hour period. By 9:00 PM the showers and thunderstorms diminished over the island, but heavy convective activity persisted off the south coast and between Puerto Rico and the Virgin Islands. About midnight Sunday, the showers and thunderstorms again began moving onto the island along the south coast producing heavy precipitation over the foothills and mountain river basins draining toward the south coastal plain. At 4:40 AM, Monday, October 15, water was reported in the streets of Ponce, and floods covered the roads and bridges from Ponce to Santa Isabel, and in the Salinas-Guayama areas. Some intensity of the rainfall is indicated by the following reports:								
	24 Hour Amounts Ending 8 AM October 15								
							6.60 inches		
							4.55 "		
							6.77 "		
							5.65 "		
							4.72 "		
							9.37 "		
							7.91 "		
							8.19 "		
	Amounts ranging to more than 10 inches fell over the southeast sections during a 44 hour period preceding the floods. Just as the early morning floods started to recede a new outbreak of showers and thunderstorms caused the swollen rivers and streams to again go into flood. At 6 PM, many small communities in the Ponce-Salinas area were either isolated or evacuated to higher ground. By midnight Monday, October 15, river and streams were returning to normal. At this time, property damaged has not been reported. No loss of life was reported.								
RHODE ISLAND									
Statewide	4-7	7:00 p., 4th - 4:00 p. 7th			0	0	5	0	Rain
	Heavy rain with greatest effect on October 5-6 yielded storm totals of 4 - 9 inches except 3 inches in southern Newport County. The heaviest rains were recorded in Bristol, Kent and eastern Providence counties. At Providence the storm total of 9.46 inches was the greatest concentration of rain from a sustained storm and the 6.63 inches recorded during a single 24 hour period on October 5 and 6 was the greatest 24 hour rainfall since the Weather Bureau began records here in 1901. The coastal low brought much land and air transportation to a halt and coastal shipping was endangered. Many automobile drivers were blinded by rain or skidded on leaf slicked highways to cause a rash of traffic accidents which proved fatal to Rhode Islanders, one each in Central Falls and Kingston. There were some power failures in Westerly and East Providence but the greatest damage was caused by road washouts, eroded slopes and flooded cellars especially within a 12 mile radius of Cranston.								
SOUTH CAROLINA									
Atlantic Ocean off South Carolina	18	Afternoon			2	0	3	0	Hurricane
	Two men apparently drowned in boat off Edisto Beach from effects of Hurricane Ella, which was moving past Carolina waters.								
SOUTH DAKOTA									
	None reported								

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE Knoxville, Knox County	7	Afternoon				5			Wind, rain and hail
Thunderstorms with strong winds, heavy rains and hail struck West Knoxville and moved eastward. Winds were estimated between 75 and 100 miles per hour over an area 3 blocks wide and 2 miles long. Building damage was largely to roofs including a high school auditorium roof ripped off. Damage to trees, telephone and power lines was extensive. Heavy rains collapsed the roof of a small grocery store severely damaging contents. Most damage due to wind, only minor damage from rain and hail.									
TEXAS Farmers Branch Dallas County	8	3:00 a-7:30 a			0	0	?	0	Flooding, lightning
The worst flash flood ever to strike Farmers Branch, a 5-inch downpour within a 2-hour period, caused thousands of dollars in damage to residential homes and business property. Damage to city property alone was estimated at \$30,000. Two bridges in Farmers Branch, both near the Cabell School and Valley View were washed away. At least two homes, one in Farmers Branch, and another in Carrollton, received damage when struck by lightning.									
Dallas Dallas County	8	3:08 a-7:30 a	?	?	0	0	?	0	Flooding, lightning
Rain measuring 4.92 inches fell in the northern portion of Dallas between 3:08 and 6:00 a.m. Flash flooding was centered along White Rock Creek in North and East Dallas. Hundreds of persons were either evacuated or trapped as high waters swirled through the north and east parts of the county. At Underwoods Trailer Court, 10251 Barry Hines, floodwaters showed approximately 50 trailers from their placements, overturning at least 10. One of the worst-damaged homes had five feet of water in it. Several cars abandoned by their owners after they stalled, washed away. A \$35,000 home burned from lightning. The heaviest reported rain was 7 inches at Glen Rose in Central Texas. Corsicana reported 6.68 and Lipan 5.49 inches.									
Holland Area Bell County	8	6:30 p-7:00 p	20	4	0	0	4	0	Wind
A severe wind and rainstorm swept the Holland area causing considerable damage to property, particularly in the northwest part of the town. The seed house on the Bud Whitlow farm was demolished and the roof blown off his tenant house, sheep shed, and barn. A tandem stock trailer was also demolished. Barns on the Jarolik and the Deague farms were demolished. Farm machinery at the Jarolik farm was destroyed. In Holland, the roof of the Unberhagen home was severely damaged. Large trees were blown down and limbs twisted in almost all parts of town. Winds were estimated at from 60 to 70 mph.									
Waco McLennan County	8	7:51 p-7:53 p							Funnel aloft
Giddings Lee County	8	8:30 p			0	0	4	0	Lightning
Fire caused by lightning burned the roof, attic, and ceiling of the Rubin Schneider home in Giddings. The lightning evidently struck an air conditioning vent on the roof and followed the ducts throughout the entire house. This caused the roofing, ceiling, and rafters to char and begin burning slowly. Most of the ducts melted completely. At the place where the lightning struck, a hole about three feet in diameter was burned through the ceiling. At the Albert Loehr home, several houses away, Mr. Loehr was knocked about eight feet across the kitchen; he was washing dishes at the time. Light bulbs exploded in their sockets at the Red Liberty home.									
Paris Lamar County	10	4:00 p-5:15 p	?	?	0	0	5	0	Rain, Wind
Thunderstorm winds left a well-marked trail of damaged roofs, uprooted trees, and broken limbs in the city of Paris. Two Paris industrial plants, Superior Switchboard and Babcock & Wilcox, were damaged by the high winds. Dozens of other commercial structures suffered light to moderate damage from wind and rain. Hundreds of Paris homes received some damage. The winds swept the steel roof off the paint building at the Superior Switchboard plant. The roof of the main building, a metal one, was gashed severely. At Babcock & Wilcox the winds damaged the first 25 feet of the northeast corner of the huge plant building. At the Valley Feed Mill on Center Street the sheet metal roof was scattered over a one-block area. Rain accompanying the storm measured 2.76 inches.									
Port Arthur Jefferson County	13	7:00 p			0	1	0	0	Lightning
A truck driver was singed but saved a tank full of distillate when lightning struck the storage tank in the Port Acres gas field. Pumes in top of the tank flashed and slightly burned the man, but he slammed down the hatch, smothering out the blaze. Little damage resulted.									
Near Longview Gregg County	14	6:30 p	short narrow		0	0	?	0	Tornado
A small tornado damaged two houses and a barn near the northeast edge of the Gregg County Airport. A large section of the porch roof of one home was ripped away, and a carport was torn off at the other home. The two-story barn collapsed, and killed a 1600 lb. Santa Gertrudas bull inside the barn. The wind at Gregg County airport was gaged at only eight miles an hour, about three-quarters of a mile away.									
El Paso Area El Paso County	18	night	?	?	0	0	0	5	Hail
A pounding hail and rainstorm knocked down Lower El Paso Valley cotton in the Fabens area south of El Paso. Approximately 2000 acres were damaged. About 75 percent loss occurred to 1000 acres, and 50 percent loss to the other 1000 acres. Total loss was estimated at \$353,145. About two inches of rain was accompanied by hail up to marble size.									
TEXAS (Cont'd) Hale County	20	1:00 a	15	?	0	0	0	?	Hail
Hail damaged crops, severely in a few instances, over a limited area a few miles southwest of Plainview. Damage was mostly on the Elmo Ellis, H. E. Setliff, Leool Parker, and P. F. Calhoun farms. The castor bean crop suffered the greatest damage without much damage to cotton or grain sorghum.									
Near Acala Hudspeth County	26	9:00 p			0	0	?	0	Rain, Flooding
A flash flood derailed a moving freight train and caused a pile-up of 63 cars between Acala and Tornillo. The accident occurred about 9:00 p.m. at the desert wayside stop of Alamo Alto. A sudden downpour dropped 2.5 inches of rain in about one hour. The Southern Pacific freight train was westbound into El Paso from San Antonio. A total of 51 of the freight cars were loaded and 12 were empty.									
8 N Sequin Guadalupe County	28	11:45 a	?	100	0	0	4	0	Tornado
Small tornado cut a path 100 yards wide across two farms north of Sequin. At the Martin Neumann farm, parts of a 64 x 140 foot implement shed were scattered 1000 feet from its foundation. The chimney of the Neumann home was toppled, and two grain bins damaged. At the farm home about 800 feet south, the south portion of the roof of a barn was blown off. The storm cut a swath about 100 yards wide through trees in the creek bottom, pushing some large trees over, and tearing limbs from others. The fallen trees were lying in a southeasterly direction. At the Milton Leske farm, one and one-half miles southeast of the Neumann farm, one barn was destroyed, with the sheet metal lying to the northeast of the foundation. The storm traveled from northwest to southeast.									
New Braunfels Area Comal County	28		?	?	0	0	?	0	Wind, hail
Hailstones ranging from marble to hen-egg size severely damaged roofs, broke windows, and stripped trees in New Braunfels and the surrounding area. The hail was driven by such force by the wind that trees in the entire area were almost completely defoliated and fence posts were stripped of their bark. The damage was most severe along Bulverde and Schoenthal Roads. On the Rubin Moeller farm, not a roof on any building escaped damage, and hail smashed windows in the Moeller home. A tank containing 170 gallons of gasoline was blown over and other pieces of steel farm equipment were lifted and thrown about the place. Oak trees up to three feet in diameter were uprooted. The wind peeled roofing off the 31-unit rear section of the Imperial Motor Hotel and the interior suffered severe water damage. Five cars at the motel were damaged by flying bits of roofing. From 2.5 to 3 inches of rain accompanied the storm.									
UTAH Northwestern Valleys	11	Afternoon			0	0	5	0	Strong winds
Strong winds lasting several days reached maximum intensity during the afternoon of October 11th, blowing over walls and trees, leveling several new homes under construction, destroying trailer homes and damaging automobiles.									
VERMONT State	5-7				0	0	4	3	Rain, wind
Rain from a coastal storm on October 5-6 was prolonged by the fringe effects of tropical storm Daisy on October 6-7 to yield generally 3 to 5 inch storm totals except 2 inches or less in a narrow band along the western Vermont border and a few reports of 5 to 6 inches in eastern Vermont. This was the least seriously affected of all the six New England states. Many leaves were stripped from trees by wind and lashing rain. These clogged drains to intensify local urban flooding problems. The wet slippery leaves on roads were also blamed as a factor in a rash of highway accidents involving injury and death concurrent with the storm.									
State	24-25				0	0	0	0	Snow
The first appreciable snowstorm, coming very early in the season, brought up to 1 to 4 inches at some stations in the northern portion and also in higher elevations of the south. This was followed a few days later by a second snowstorm with similar amounts on October 26.									
U.S. VIRGIN ISLANDS VIRGINIA WASHINGTON West of the Cascade Mountains	12								None reported
None reported									
None reported									
The most damaging storm in recent years struck the Pacific Northwest coast on October 12. This storm probably caused more damage to property, timber, communication and power lines than any single storm on record in the area west of the Cascade Mountains. The center of this storm gradually approached the coast as it traveled northward along Oregon and Washington before moving inland over Vancouver Island, British Columbia. The storm struck the southern section of the State between 1700 and 1800 PST; the Puget Sound area between 1900 and 2000 PST; and the Canadian Border between 2200 and 2300 PST. As the storm reached each locality west of the Cascades, light easterly or southeasterly winds shifted abruptly to the south or south-southwest and increased in velocity to between 40 and 55 MPH with gusts ranging from 60 to 90 MPH or higher. Precipitation was light for a major storm at this season of the year. In all areas of western Washington, trees were blown down, residences, business and farm buildings damaged, highways and railroads blocked by falling trees and telephone and power lines were down. The greatest amount of damage occurred in counties along the Columbia River and northward from Portland to Puget Sound. An estimated 39,000 telephones were out of service and the number of customers without electrical power for periods varying from a few minutes to one week ranged from 20% in localities receiving the smallest damage to 75% in the hardest hit sections. A preliminary survey indicated 7 homes destroyed, 43 with major damage and 415 with minor damage in 4 hardest hit counties. Many barns and other farm buildings were									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1962

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
WASHINGTON (Cont'd)	destroyed. The total number of buildings with damage ranging from minor to a complete loss is expected to reach several thousand. Several thousand chickens and more than 50 head of cattle were killed. Filbert and other orchards near the Columbia River were damaged extensively. An estimated 1.15 billion board feet of timber was blown down in the State. The storm caused extensive damage to property, timber, power and communication facilities in southern British Columbia. The intense storm on the 12th followed very closely in the path of a smaller weather disturbance approximately 24 hours earlier. Winds from the first storm reached 25 to 40 MPH with gusts in excess of 60 MPH. Other than in some coastal areas, damage from the first storm was confined mostly to power lines.									
WEST VIRGINIA				None reported						
WISCONSIN										
Greendale	4	3:20 PM							Tornado	
		Touched down briefly moving to northeast. Minor damage.								
Neillsville 18 SE	10	8:30 AM	3	400			4		Tornado	
		Farm buildings damaged.								
West Bend	10	11:30 AM							Hail	
		1/2 inch to 1 inch in diameter.								
WYOMING				None reported						

- * Miles instead of yards.
- ° 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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