

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
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STORM DATA

DECEMBER 1961

Volume 3 No. 12



ASHEVILLE: 1962

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1961

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
ALABAMA										ARIZONA									
Antauga, Clark, Chilton, Dallas, Elmore and Wilcox Counties	9-10	Night			0	0	5	4	Heavy rain	Summerhaven, Loma Linda, Soldier's Camp, and Willow Canyon	8 thru 17				0	0	4	0	Snow and wind
Brewton, Escambia County	10	7:30a	1/8	50	0	12	5		Tornado	ARKANSAS									None reported
										CALIFORNIA									
Jacksonville, Calhoun County	11	6:05-6:10p	3	200	0	0	5		Tornado	Lake County	1				0	0	4	0	Heavy rain
Calhoun County	11	Evening			0	0	4		Wind	COLORADO									
										Eastern Colorado	21	mid-after-noon			0	4	4		Wind
Madison-Christian Community, Hale County	11	7:00p	8	100-200	0	0	4	4	Tornado										
										CONNECTICUT									
Marion, Perry County	11	7:00p	10	100	0	2	5		Tornado	DELAWARE									
										Entire State	24				0	Sev-eral	4	0	Snow and freezing caused many auto accidents.
Leeds, Jefferson County	11	Evening							Funnels aloft	FLORIDA									
										GEORGIA									
Collins Chapel Community, Chilton County	11	8:05p	2	150	0	0	3		Tornado	Near Coartown, Polk County	11:30 p.	Short	Narrow	0	0	4	0	Tornado	
Goodwater, Coosa County	11	9:00p	?	?	0	0	4		Tornado										
										HAWAII									
North Central Alabama	11-12				0	0	5	4	Heavy rain	Bremen, Haralson County	12	7 a.	3	Narrow	0	0	4	0	Tornadoes
Shoal Creek Recreation Area, Cleburne County	12	5:00a	?	?	0	0	3	4	Tornado	Lowndes County South of Valdosta	18	8:30 a.	1/2	Narrow	0	0	4	0	Tornado
Sumter County	12	4:15a	25	?	0	0	4	5	Tornado	IDAHO									
										Parhandle Counties N. Idaho	17-19				10	5			Heavy snow
Marion, Perry County	17	8:00p	5	100	0	1	4		Tornado										
										Ada, Canyon and Nrn Counties	21	Evening			2	4			Strong winds
North and Central Alabama	17-18				0	0	5	5	Heavy rain										
										Caribou County	27-28	During night			2	4			Blizzard
ALASKA									None reported	ILLINOIS									

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
INDIANA			None reported						
IOWA Statewide	11-12						5		Snowstorm
	The heaviest snowfalls of the month over most of northern Iowa, coupled with light snow the previous three days, strong winds and subzero temperatures produced blizzard conditions over a large portion of the State. Snowfalls were heaviest from the southwest to northeast divisions with amounts generally 10 to 14 inches that blocked highways, stranded travelers and closed schools.								
Most of State	22-23				3		5		Snowstorm
	Most of the snow fell in 24 hours, with rapid accumulations of 6 to 12 inches over most of the southwest, south central, central, east central, and the northwestern part of the southeast division and some adjacent counties. Strong northerly winds drifted highways full of snow, paralyzing traffic, stranding thousands of travelers and many automobiles were abandoned on the highways.								
KANSAS	8-31								Heavy snow and glaze
	A heavy snow with freezing rain and freezing drizzles fell over practically all of Kansas on December 8 and 9. Roads and streets became slick from the glaze and packed snow. The cold weather following maintained the snow cover generally until about the 21st when warmer days in the south and west cleared the ground. Additional snow and freezing drizzles on several days later in the month across the north central and northeast kept conditions critical through December 31. Slight melting in the daytime resulted in more icy conditions. Automobile crashes and pedestrian falls on ice were numberless. Many of the accidents resulted in serious injury and some deaths.								
	Heavy snow blown by strong winds drifted badly in the extreme northeast on the 22nd and closed even the main highways.								
KENTUCKY			None reported						
LOUISIANA			No report received by printing deadline.						
MAINE Statewide	10-11				0	0	0	0	Glaze
	Freezing light rain or drizzle in the afternoon and evening of the 10th and early morning of the 11th made for hazardous driving conditions in most of the state. Many automobile accidents, mostly minor, resulted from skidding on the slick coating of ice.								
Central and northwestern portions	12-13				0	0	0	0	Glaze
	Scattered occurrences of glaze conditions reported in these sections.								
Central and southern portions	18-20				0	0	3	0	Glaze and snow
	Heavy snow amounting to from 6 to 16 inches fell on 19-20th, with glazing conditions over southwestern sections on 18th and 19th. Travel conditions became hazardous particularly in some southwestern areas and power and phone outages were reported in a few communities. Some elementary schools were closed on 20th. Two deaths were reported as heart failures due to overexertion.								
Coastal and southern sections	24-25				0	0	4	0	Heavy snow
	Storm yielded 8 to 15 inches of snow with heaviest accumulations over central and east coastal areas. Travel and transportation were slowed and many highway accidents occurred over the long Christmas holiday week-end.								
MARYLAND									
Entire State	24				0	Several	5	0	Snow and freezing caused several hundred auto accidents
MASSACHUSETTS									
Most of state	10				0	0	0	0	Glaze
	Light glazing conditions occurred over much of state except southeast and coastal sections.								
Statewide	17-19				0	0	5	0	Glaze
	This was one of the most severe glaze storms in recent years, particularly over interior sections of the state. Ice-coated streets and highways made travel conditions extremely hazardous. Schools were closed for 1 or 2 days in many communities. In the Boston area police reported skidding accidents occurring at a rate of nearly one a minute during the evening of the 18th. Heavy ice accumulations on trees broke branches, downing power and phone lines in nearly all sections. This condition was further aggravated over north-central and western sections on the 19th as snowfall added to the ice-burden on trees. In some of these areas, utility companies suffered heaviest damage to lines in many years.								
MASSACHUSETTS (Cont'd.)									
Central and north-eastern sections	24-25				0	0	4	0	Heavy snow
	Storm yielded 10 to 20 inches of snow with heaviest accumulations over north-central and northeastern sections. Many stations reported the deepest Christmas Day snow cover in many years. Hundreds of cars were stranded in drifts on roads from Boston's western suburbs to a line beyond Worcester, complicating the task of road clearance. In the Holden area, more than 100 persons, snowbound in stalled cars, were rescued by State Police. Many snow crew members, dismissed for holiday leave during a lull in the storm around midday of the 24th, had to be recalled later in the day. Many roads, though open, were extremely slippery and numerous skidding accidents were reported. Snowfall totals tapered off southeastward over southeastern Mass. and Cape Cod as an increasing percentage of the precipitation occurred as rain. Less than an inch of snow fell on the outer Cape and the islands. Brief occurrences of light freezing rain at northeast coastal areas, during the lull in the storm, aggravated the dangerous driving conditions existing on plowed but still snow-covered roads.								
MINNESOTA			None reported						
Michigan			None reported						
MISSISSIPPI			No report received by printing deadline.						
MISSOURI									
Northwest Prairie Division	22						5		Blizzard
	As thousands of travellers were heading home for the Christmas holiday, an unusually severe winter storm dumped 10-15 inches of snow on much of Northwest Missouri. Strong winds caused much drifting, with some drifts 8-10 feet deep. Hundreds of travellers sought shelter in homes, filling stations, cafes, etc., and many were forced to spend the night in their stalled automobiles. Many school children spent the night at school, or in farm homes, when busses could not complete their trips.								
MONTANA									
Pondera and Northern Choteau Counties	17	afternoon	90	40	0	6	3	0	High wind & snow
	The storm covered almost all the area from Conrad and Brady to Big Sandy. High winds and blowing snow halted highway traffic. A four-car accident in Brady, caused by low visibility, injured 6 persons. Two other accidents also occurred between Brady and Conrad. Two cars were marooned in country areas.								
Helena - Lewis & Clark County	20	early morning	20	20	0	0	0	0	Freezing rain
	Rain during night coated streets and highways, making all forms of transportation hazardous								
Southwest Montana and Area East of Continental Divide	21	most of daylight hours	100	300	0	3	3	0	High wind and thunderstorms
	Thunderstorms were reported at Belgrade, Dillon, Drummond and Helena during early morning hours. High winds covered an area from Anaconda and Dillon northward to Havre and east to Glasgow, Miles City and Broadus. There was considerable damage to a home near Helena from a lightning strike. Blowing snow (ground blizzard) made driving on highways hazardous, but impossible in many areas. The worst ground blizzard for many years halted nearly all traffic in Saco, Hinsdale, Glasgow areas late afternoon and evening. Rain at Helena froze on highways, making them slick and dangerous. Three workmen at the Clark Canyon Dam near Armstead were injured when wind ripped steel siding off of a building. Gusts reached 97 mph at Livingston, 69 at Glasgow, 68 at Dillon, 43 at Billings, 41 at Helena, and 40 or higher at Broadus. Blowing soil was reported in a few areas. TV antennas and some buildings were damaged.								
NEBRASKA			None reported						
NEVADA									
Reno, Carson City and Gardnerville	16-17	11 P.M. to 6 P.M.	50	2 mi.			4		Wind
	Very strong winds damaged signs, blew down trees and overturned trailers.								

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS		
NEW HAMPSHIRE South and central	10				0	0	0	0	Glaze	Light glazing conditions prevailed in afternoon and evening of 10th, continuing into early on 11th at a few localities.
State	11-12				0	0	0	0	Glaze	Glaze reported in many parts of the state on both days with more general occurrences on the 12th.
Most of state	17-20				0	0	4	0	Glaze, sleet, snow	Nearly continuous precipitation from morning of 17th to afternoon or evening of 20th; occurred as alternating or mixed snow, sleet, and glaze, from 17th to 19th and mostly as heavy snow thereafter. Hazardous driving conditions prevailed through those 4 days in nearly all sections of the state. Round the clock sanding and salting operations by the state highway department kept major roads open and passable. Snow, falling on previously bare ground, accumulated to depths of from 8 to more than 15 inches, with heaviest yields over central portions of the state.
Southeast and extreme south-central	24-25				0	0	4	0	Heavy snow	Storm yielded 10 to 20 inches of snow with heaviest accumulations in Hillsboro and Rockingham Counties. Travel and transportation were slowed and many highway collisions and mishaps were reported over the long Christmas holiday week-end.
New Jersey	5				1	1	4	0	Windstorm.	Strong winds damaged trees, utility lines, signs and windows. One child killed, another injured, in accidents involving wind. Peak gust reported was 65 m.p.h. at WEAS Newark Airport.
NEW MEXICO Eastern border counties	10-11				0	0	1	0	Ice storm	Freezing rain, drizzle and fog deposited a heavy ice coat on telephone lines, power lines and trees. Accumulations of up to one inch of ice reported. All communications out in several east-central communities and power to rural areas disrupted. Streets and highways very icy and driving hazardous.
NEW YORK New York City - Long Island metropolitan area	5				0	?	4		Wind	Severe wind storm due to cold frontal passage and 42° drop in temperature. Winds reached the 70's at times causing widespread wind damage to structures, trees and power and communication lines. Some 200 accidents reported - some severe, such as scaffolding blowing down and injuring 13 workers, brick walls blown down, pedestrians blown over, windows shattered, etc. Many injured.
Snowbelt area east of Lake Erie and south of Buffalo	7-8				3	?	4		Heavy snow	Heavy lake snows up to a foot or more; three deaths at grade crossing - near zero visibility due to snow.
NORTH CAROLINA Southern Mountains	12				0	0	5	0	Rain	Heavy rains 10th through 12th over a large area caused flash flooding along small streams with road washouts, field erosion and some damage to highways and bridges.
NORTH DAKOTA					None reported					
OHIO					None reported					
OKLAHOMA Atoka, Atoka County	4 evening				0	1	3	0	Lightning	Lightning caused a fire which badly damaged a railway depot and severely burned and nearly suffocated the telegraph operator.
Northern and southwestern counties	22 10:00 a.-4:00 p.				0	1	4		Wind	High winds occurred in southwestern counties during the morning. A Chickasha cotton warehouse was damaged by fire caused from blown down power lines. Additional fire damage occurred at Blair where wind blew sparks from a burr burner into a trailer of cotton. Strong afternoon winds in the northern counties of the state were measured at 30 to 56 miles per hour. Gusts of 84 miles per hour were observed at Stillwater, 65 miles per hour at Enid, and 62 miles per hour at Oklahoma City. Scattered wind damage was general across the northern counties with numerous occurrences of roof damage, downed power lines and poles, store awnings and canopies damaged, and plate glass store windows shattered. A 75-foot section of brick wall standing six feet high was blown over at Enid, and an oil rig was toppled by the wind at Hennessy. A lady at Fairmont received a fractured hip from being blown down while feeding her chickens.
OREGON Oregon coast from Coos Bay to Astoria, Willamette Valley, Lower Columbia and scattered areas of the Rogue River Valley, central and northeast	16-17	Evening of 16 to morning of 17			5	4	5	3	Wind	Winds of hurricane force struck most of Oregon coast north of Coos Bay. Speeds of 75-85 mph with gusts to over 100 mph were reported by several Coast Guard Light House and Life Boat stations. Hundreds of trees were blown down across power and telephone lines, parked cars, highways, houses and farm buildings causing very heavy property damage. Five lives lost in Willamette Valley - three when wind felled a tree across an automobile in which they were traveling; two others when auto left road as result of wind. Roofs of many homes and other buildings damaged, considerable number of windows broken, some farm and commercial buildings demolished. At Astoria number small boats two comparatively large ships were torn loose from mooring.
PENNSYLVANIA State-wide	5							4	Wind	Winds reaching as high as 65 mph in gusts toppled many trees, sign boards and outdoor Christmas decorations. Cement block walls on buildings under construction were blown down near Darlington Beaver County, Lavittown and New Berlin with estimated damage placed at \$30,000.
PUERTO RICO	4-5-6	night						2	Heavy Rains and Local Floods	A quasi-stationary front which passed the northern coast of Puerto Rico early on the morning of December 5, 1961 and remained quasi-stationary just south of Puerto Rico on the 6th resulted in heavy rains along the northern coast and the eastern interior of Puerto Rico. These heavy rains caused local floods, damage to property but light crop losses were reported. The Office of Civil Defense reported damages were not significant enough to be considered an actual emergency, however, approximately 1800 persons were evacuated during this time. The towns most seriously affected were Bayamón and Cataño where the flood waters seriously affected houses. A total of 7.62 inches of rain fell at Bayamón during the 24 hour period from 0700 A.M. on the 5th to 0700 A.M. on the 6th while 6.58 inches was recorded at Cataño from 0900 A.M. on the 5th to 0900 A.M. on the 6th. Local newspapers reported two persons drowned one in Rio Piedras and one in Cataño (unconfirmed).
RHODE ISLAND					None reported					
SOUTH CAROLINA Northwest and Mountain Division	10-13				0	0	4	0	Heavy rains	Rains from 5 to 9 inches during the period caused extensive, local flooding with some damage to bridges and roads and a few interruptions to public services.
SOUTH DAKOTA Statewide	8-9	Late pm of 8th to late pm of 9th			5	1	3		Snow, cold	General storm yielded from 3 to 6 inches of snow east of the Missouri River and from 1 to 3 in the west, except up to 7 inches in the Black Hills. Storm accompanied by high winds, blowing snow, slippery highways, and temperatures falling to near zero. Three men were killed and one injured in a two car crash near Watertown, Codington County, as snow and blowing snow sharply reduced visibility. Skidding accident on slippery highway near Wimer, Tripp County, resulted in auto fatality of one man. In rural area near Vale, Meade County, one man abandoned stalled automobile and was found next day frozen to death.
Pennington County	18 pm				1	0	3		Blowing Snow	Reduction of visibility by the blowing of newly fallen snow resulted in a chain collision of seven automobiles and trucks on highway near New Underwood, Pennington County. One man suffered fatal injuries, but remaining drivers and passengers escaped injury. Vehicles sustained light to moderate damage.
Southwest	21-22	Late pm of 21st to early am of 22nd						5	Wind	Westerly winds of 40 to 50 miles per hour and gusts exceeding 60 miles per hour caused considerable property damage in the Rapid City area, along the southeast edge of the Black Hills, and in parts of Fall River and Shannon counties. In the Rapid City area about 25 house trailers were overturned or whipped about with extensive damage to the exteriors and to contents inside. No persons reported injury, however, a large wall drilling rig was blown over and several large store windows smashed in the Rapid City area. Minor property damage to TV aerials, tree limbs, Christmas decorations, etc. occurred in other towns, canyons, and rural villages in the affected area.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS		
TENNESSEE East Tennessee	18-19				0	0	5	0	Flooding	
	Heavy rains caused flash flooding on numerous small streams throughout eastern Tennessee. At Sevierville, Sevier County, several small creeks and the Little Pigeon River overflowed forcing about 75 families to evacuate their homes, and covering city streets with a foot of water which entered many homes and places of business. Several creeks overflowed in Knoxville flooding basements. In Chattanooga many low lying areas were inundated and streets flooded by overflowing creeks. Tennessee River crested at flood stage in Chattanooga under TVA control. Property damage was sustained from flooded homes and business establishments, damaged roads and bridges, and erosion of farmlands.									
TEXAS South Plains	10-11				0	4	4	0	Ice	
	Trees and utility lines suffered damage from a severe ice storm that occurred in the western portion of the South Plains. Worst damage was in Lamb County, where the Lamb County Electric Co-op reported 35 poles broken, and over 1500 line breaks. Lines were down at Abilene, Sudan, North, Oton, and Littlefield. Four persons were known to have been injured from falls on the ice.									
Littlefield Lamb County	18				0	2	3	0	Wind	
	Strong winds estimated between 70 and 80 mph, associated with a cold front and deep low pressure center, overturned 10 cotton trailers and 3 pick-up trucks, injuring 2 of the drivers. The injuries were not serious.									
UTAH			None reported							
VERMONT Statewide	10-11				0	0	0	0	Glaze	
	Light glazing conditions obtained over most of state in afternoon and evening of 10th, continuing into early on 11th at a few localities. Hazardous driving conditions prevailed especially on the less traveled streets and roads.									
Statewide	17-20				0	0	4	0	Glaze, sleet, snow	
	Frequent precipitation occurred as alternating or mixed snow, sleet and glaze from 17th to 19th and mostly as heavy snow thereafter. Hazardous travel conditions prevailed through period in nearly all sections of the state. Snowfall amounted to from 6 to 14 inches or more with heaviest falls over central and southern portions. Southern sections hardest hit by storm. In Windham County, ice and snow accumulations downed trees and broke power and phone lines. Outage lasted four days at Mays Mill.									
U.S. VIRGIN ISLANDS			None reported							
VIRGINIA			None reported							
WASHINGTON Entire State	20-21	Night					5		Wind	
	Wind velocities ranged from 45 to 70 MPH as an intense storm system moved across the state causing extensive damage to power lines, windows in business buildings were broken in some areas and other property was damaged directly by the wind or from falling trees. Highest wind velocities were reported lower Yakima valley.									
WEST VIRGINIA			None reported							
WISCONSIN			None reported							
WYOMING Sinclair	2	11:40 a.			0	1	3	0	High winds	
	Man injured when high gusty winds upset house-trailer being pulled.									
See reference notes at end of table.										
DELAWARE Northern half	Jan. 1961 19-20					1	?	5	0	Snow and wind
	Snow as much as 11" deep in Northern Delaware was piled into drifts several feet deep by strong winds on the 20th and 21st. Roads were closed and normal activity brought to a standstill until they were reopened.									
MARYLAND Entire state except Southeast	Jan. 1961 19-20					5	?	6	0	Snow and wind
	While severe over much of the state, this storm was outstanding primarily because of its effect on the Inaugural activities. Snowfall ranged from near 15" in mountain areas of Western Maryland to 8" in the Washington-Baltimore area to less than 1" on the lower Delmar Peninsula. Homeward bound traffic on the afternoon of the 19th was stalled and cars were abandoned on the roads and streets hampering snow-removal equipment. Drifts several feet deep closed many suburban and rural roads. Strong winds continuing until the evening of the 21st drifted roads closed after opening. Rental of extra snow removal equipment alone cost the City of Baltimore \$130,000. Planes were grounded. Inaugural travelers were delayed or stranded. Schools and offices closed early on the 19th in the affected area and most remained closed until the 22nd. A light aircraft crash-landed 10 miles west of Cumberland injuring the pilot.									
HAWAII	June 1961		None reported							
HAWAII	July 1961		None reported							
ALABAMA	Aug. 1961									
Loxley, Baldwin County	10	2:30 p.				0	2	0	0	Lightning
	Injured while standing under a shed, struck by lightning.									
Montgomery, Macon, Pike, Coffee and Geneva Counties	30-	Night	0	0	0	0	0	5	4	Rain
	Torrential rains from 5 inches to more than 10 inches, fell in a few hours. Flash floods in the City of Montgomery caused evacuation or damage to numerous homes. Highways and county roads were severely damaged. One highway bridge was damaged and a washout caused one train wreck. In Pike County, at Shellhorn and Youngblood, the dams on two large lakes broke and several homes were flooded. Some damage to telephone and power lines. Heavy rains fell in the surrounding counties.									
GEORGIA	Aug. 1961									
Roopville, Carroll County	31	12:05 p	short	300	0	1	4	0	0	Tornado
	Small tornado heavily damaged two residences and destroyed barns and other small buildings. Trees were uprooted and utility lines blown down.									
IDAHO Oneida County, in Malad City	Aug. 1961 28							4	3	Flash flood
	A flash flood occurred in Malad City, Idaho on August 28, affecting 8 to 10 farms. The Red Cross has expended \$1,750.00 in providing emergency feeding, repairs to furnaces and basement bedrooms, and some household furnishings.									
LOUISIANA 8 NE Baton Rouge	Sep. 1961 3	3:40 p.								Funnel cloud
4 N Baton Rouge	5	2:45 p.						*3		C
Lake Pontchartrain	7	5:35 p.								Waterspout
Kaplan	10	4:50 p.	5	300	1	55	6	0	0	Tornado
	Moved from two miles southeast of town through 27 blocks of town; destroyed 21 and heavily damaged 55 homes.									
8 S Gueydan	10	6:12 p.	1	100	0	0	4	0	0	Tornado
	Touched ground briefly in sparsely settled areas; moved northwest									
Intercoastal City	10	6:09 p.	2	100	0	0	4	0	0	Tornado
	In sparsely settled area; moved northwest									
Morgan City, near	10	10:20 p.	1	100	0	16	4	0	0	Tornado
	Fifty five homes damaged; moved northwest									
Patterson, near	10	10:20 p.	1/4	100	0	0	3	0	0	Tornado
Watson 8 NE	11	11:10 a.	3	100	0	0	5	0	0	Tornado
	Heavily damaged timber in area; moved west									
4 N Slidell	11	11:30 a.	4	100	0	2	4	0	0	Tornado
	Moved toward west									
4 N Baton Rouge	11	1:44 p.								Funnel cloud
6 SW Hammond	11	1:00 p.	5	100	0	0	4	0	0	Tornado
	Moved toward west									
NW Calcaesteu Parish	12	8:00 a.								Funnel cloud
NW Calcaesteu Parish	12	8:30 a.								Funnel cloud

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LOUISIANA (Cont'd.)									
Hodge	12	1:00 p.	2	400	5	37	5	0	Tornado
Twenty homes destroyed; 55 suffered major and 115 minor damage.									
Blanchard Springs, Ark. area	12	5:00 p.	3	100	0	0	4	0	Tornado
Caused some damage in Louisiana before crossing into Arkansas									
Castor, 1 East	13	8:30 a.	**450	100	0	0	2	0	Tornado
Metairie	13	9:00 a.							Funnel cloud
Observed at Causeway and Lake Pontchartrain									
Grand Coteau, near	13	7:00 p.							Funnel cloud
All State	8-13				6	199	7	7	Hurricane "CARLA"
<p>The most notable feature of this hurricane in Louisiana was the 11 tornadoes spawned as the hurricane approached the middle Texas Coast and moved through Eastern Texas. Tides were rising on the Eastern Louisiana Coast on the 8th and continued to rise until after the center moved inland onto Texas on the 11th. The highest wind in New Orleans was 50 miles per hour at 8:48 pm on the 8th on the south drawbridge of the Lake Pontchartrain Causeway, eight miles north of the south shore. Squally weather continued on the 9th and 10th in eastern coastal parishes and on the 11th and 12th over western coastal parishes. Of the 199 injured in the hurricane 110 were injured in hurricane-spawned tornadoes. All six of the dead were killed in tornadoes. Other injuries were: 71 in Calcasieu and Cameron parishes; 3 in Lafourche; 7 in Orleans; 3 in Plaquemine, and 5 in St. Bernard parishes. A total of 140 homes and 11 farm and other buildings were destroyed by the hurricane and its 11 tornadoes; 231 homes and 81 farm and other buildings suffered major damage, while 748 homes and 75 farm and other buildings were damaged to some extent. Rice and sugar cane suffered the greatest damage from winds, rains, and tidal inundation.</p>									
Monroe	27	8:00 p.					3	0	Winds and hail
Winds up to 50 knots in gusts and hail up to 3/4 inch in diameter									
MISSISSIPPI									
Bolivar County	Sep. 4	3:10 p.							Funnel cloud
Reported just east of Mississippi River									
MONTANA									
Browning (5 miles south) Glacier County	Sep. 28				1	1	3	0	Gusty
A pickup-camper towing a boat was blown over a highway embankment, by a strong gusty wind. A slippery road contributed to the accident. The driver was killed and truck demolished.									
OKLAHOMA									
Eastern three-fourths of Oklahoma	Sep. 12-14				0	2	6	5	Heavy rain and wind
<p>Heavy rain and strong winds accompanied the passage of the weakened Hurricane Carla across southeastern Oklahoma. The storm center entered Oklahoma near Marietta about 9PM on the 12th and continued northwardly crossing into Arkansas 20 miles north of Ft. Smith at about noon on the 13th. Rainfall of 2 to 8 inches hit the area east of a line from Grant County to Washita County to Tillman County. Heavier amounts of 5 to 8 inches occurred in the north-central and central counties and the southeastern counties of Atoka and Pushmataha and accounted for considerable flash flooding. The flooding was most severe in Kingfisher where 140 city blocks were affected with water up to 6 feet deep in residential area and 3 feet deep in the business district with damage to 225 houses and buildings. Other flooding accounted for damage to 90 houses and buildings in the Tulsa area, 50 homes in the El Reno and Oklahoma City areas, and 10 homes in Pawnee. Persistent winds of 30 to 55 miles per hour, gusting to 70 miles per hour, accompanied the heavy rains causing additional general damage over the storm area. Scattered property damage estimated at \$600,000 with \$70,000 crop damage reported in the Shawnee and Eufaula areas. The storm caused extensive phone and electrical service outages. Many highways in the northeastern quarter of the state were impassable from the flooding and several washed out bridges. Debris driven by high winds injured two persons, one at Tahlequah and the other at Sallisaw.</p>									
SOUTH CAROLINA									
	Oct. 1961		None reported						
INDIANA									
Shelbyville	Nov. 16	5:45 am	.5	small	0	0	4	0	Tornado
This small tornado first struck four miles south of Shelbyville in Penna and then moved northeastward .5 mile and damaged two cars and two homes extensively.									

PLACE	DATE	TIME	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEVADA	Nov. 1961		None reported						
UTAH	Nov. 1961		None reported						

- ° Includes crop damage.
- C Crop damage.
- * Miles instead of yards.
- ** Yards instead of miles.
- † Storm damages are placed in categories varying from 1 to 9 as follows:
 - 1 Less than \$50
 - 2 \$50 to \$500
 - 3 \$500 to \$5,000
 - 4 \$5,000 to \$50,000
 - 5 \$50,000 to \$500,000
 - 6 \$500,000 to \$5,000,000
 - 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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