

U.S. DEPARTMENT OF COMMERCE

C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

# STORM DATA

JUNE 1968

Volume 10 No. 6



ASHEVILLE: 1968

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (FAROS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
Alabama Shelby, St. Clair, Talladega Counties	11	5:30p-7:30p			0	0	4	3	Wind, Hail
		Severe thunderstorm moving eastward caused scattered damage. A large roof over a marina on Logan Martin Lake, 12 miles west of Talladega, was overturned. Trees down, roof damage and trailer overturned near Ashville. Trees blown down across highways in several areas. Hail reported in Leeds. All property damage due to wind and crop damage to hail.							
Andalusia, Covington County	11	5:20p					3	3	Wind, Hail
		Severe thunderstorm moved across city. Marble size hail damaged gardens and other vegetation. Winds blew plate glass window out of bakery, uprooted a few trees and damaged antenna. Crop damage due to hail and all property damage due to wind.							
Russellville, Franklin County	12	12:00p					3	3	Hail
		Golf ball size hail fell with line of thunderstorms. Almost covered ground.							
Hazel Green, Madison County	12	1:30p			0	0	4	4	Hail, Wind
		Severe thunderstorm moved from northwest across Madison County. Marble size hail destroyed crops over area 2 1/2 miles by 5 miles. High winds overturned trailer, demolished barn, uprooted trees, damaged several houses and farm buildings. All crop damage due to hail. 50% of property damage due to hail and 50% to wind.							
Russellville, Franklin County	12	2:30p							Funnel
		Funnel cloud reported by public 6 miles south of Russellville. Moved southeast 25 mph.							
Warrior, Jefferson County	12	4:15p					3	3	Wind, Hail
		Several homes damaged and trees uprooted by wind. Golf ball size hail fell in same area. All crop damage due to hail. All property damage due to wind.							
Hartford, Geneva County	17	Evening							Lightning
		Woman killed by bolt of lightning that ran through telephone into house.							
Birmingham, Jefferson County	19	Afternoon			0	0	3	0	Wind, Hail
		Trees and power lines damaged in West End. Hail up to 1" in diameter fell in same area. All damage due to wind.							
Alaska Terrick Creek	27				0	0	3	0	Flash flood
		A heavy rainstorm at Terrick Creek, on the Alaska Highway 20 miles northwest of Tok, washed out the approach to the bridge creating a hole 100 feet wide and 20 feet deep. Repairs cost \$5,000 in labor and materials.							
Arizona			None reported						
Arkansas Siloam Springs area - Benton County	1	3:00 p. to 4:00 p.	6	500	0	0	3		Tornado
		Wind damage from tornado believed to be mostly aloft in area. Tornado touched down in Watts, Oklahoma and moved northeastward through Lake Frances Park crossing Highways 16 and 68 just south-east and east of Siloam Springs. Approximately 12 homes damaged by wind and falling tree limbs.							
Siloam Springs - Benton County	1	4:00 p.					3		Lightning
		18 head of cattle lost by lightning on farm northeast of Siloam Springs.							
6 Miles north of Conway - Faulkner County	1	8:00 p.			1				Lightning
		12 year old girl struck by lightning while sitting on porch swing.							
Camden - Ouachita County	2	Early AM					4		Lightning
		Fire, caused by lightning, completely destroyed a grocery store 1/2 mile south of Camden on Highway 79.							
Little Rock - Pulaski County	7	6:31 p.							Funnel aloft
		Funnel cloud was observed (estimated 2 miles east of Adams Field) by three Weather Bureau personnel on duty. Thunderstorm occurred at time and small hail reported 5 miles northeast of field. Funnel estimated 500 to 700 feet in length and diameter of 10 feet. Movement was to north. Unconfirmed report of funnel aloft at Jacksonville, 12 miles north of Little Rock, soon thereafter.							
Paris - Logan County	12	1:00 a.					3		Lightning
		Six head of cattle were killed by lightning during a thunderstorm and heavy rain shower. Some wind damage to trees occurred during the storm.							
Marked Tree - Poinsett County	22	2:00 p.			1				Lightning
		10 year old girl killed by lightning stroke while standing in parking lot with hand placed upon a pickup truck.							
Morning Star - Garland County	24	2:50 p.	4	300			5		Wind
		A 4 mile intermittent path of wind damage in a straight south to north path just east of Hot Springs. First damage done to barn in Shadygrove Road then minor damage to Lakeside School complex along Route 270 including damage to trees. Major damage to Cutler School at Morning Star at end of 4-mile path. School							
Arkansas (continued)									
		completely unroofed with damage to walls. Wind occurred in 2 to 3 minute time over the 4 mile path. No tornado heard or seen. Tractor-trailer truck damaged by flying debris while driving on highway opposite school during storm.							
Norfolk and Gepp communities - eastern Baxter and western Fulton Counties.	24	5:00 p. to 5:30 p.	17	100			2	3	Tornado
		Tornado, intermittently on the ground traveled from 3 miles southeast of Norfolk across eastern Lake Norfolk to city of Gepp. Two men injured in a house in Galatia community just southeast of Norfolk. Trees, boat docks and barns damaged along path to Gepp.							
Statewide	24	Afternoon and evening							Wind
		An unstable airmass on the afternoon and evening of the 24th produced isolated wind storm reports (mostly of a minor nature) from Mammoth Springs, Marked Tree, Pine Ridge, Dermott, Dumas and Hot Springs.							
California			None reported						
Colorado Greeley area, Weld County	6	Afternoon					3	4	Hail
		Hail stones up to golf ball size damaged property and stripped trees and gardens in sections of Greeley, and damaged crops in nearby areas. About 1500 acres of sugar beets received heavy damage in areas north to Pierce and east to Kersey. Several jackrabbits were reported killed by hail in a field just south of Kersey.							
Denver	7	2:10pm			2	2	3		Hail, lightning
		A severe thunderstorm moving northeastward through sections of Denver caused local flooding of streets and damage to trees and gardens from hail from 3/4 to 1 3/4 inches diameter. One man was killed and two were injured at a golf course when lightning struck a tree under which they had taken shelter. At another golf course a man mortally injured by lightning.							
Logan and Sedgwick Counties	7	6-7pm					4	3	Hail, wind
		At 6:21pm golf ball size hail was reported near the southern border of Logan County southwest of Fleming. In the same area farmhouses and building were damaged by wind, reported as a tornado but unconfirmed. At about 7m severe hail caused extensive damage in and near Fleming-damaged roofs and house siding, broken windows, and trees and gardens stripped. In Fleming it was reported that 70% of the hail stones were golf-ball size or larger, some as large as baseballs. Wheat and other crops were damaged in areas east and northwest of Fleming. Later in the evening hail damaged the sugar beet crop in the Ovid area of Sedgwick County.							
Boulder, Larimer, and Weld Counties	8	Afternoon					5	4	Hail
		A severe storm between 1:00 and 1:30pm flooded streets and hail-damaged trees and gardens, including flowers at a large commercial nursery, at Boulder. At about 1:30pm the storm passed just south-east of Loveland, damaging gardens, crops and fruit trees. The storm moved northeast, passing near Windsor, and swept a path 3 miles wide through the Aft, Pierce and Nunn areas, north of Greeley, causing extensive damage to buildings, automobiles, and crops. The same or an associated storm caused wind and hail damage to crops in the Briggsdale-Crover area, northeast of Greeley.							
Crowley, Otero and Bent Counties	11-15	10:00pm-12:30am					4	4	Hail
		A severe hailstorm damaged roofs, broke windows and damaged gardens in Ordway, Crowley County, then moved east, damaging crops in a 4 to 5 mile path in the Sugar City area, and causing extensive property damage in Sugar City. The storm continued through the corner of Otero County, into Bent County, damaging property and crops from Las Animas to Ft. Lyon. Hail stones up to 1 3/4 inches diameter were reported north of La Junta. In the Las Animas area stones of 3 to 4 inches diameter and wind gusts to 60mph were reported.							
Sedgwick, Phillips Counties	15	3pm					3	4	Hail
		Hail stones from pea to golf ball size with high winds damaged sugar beet crops and property from 4 miles west to 4 miles east of Ovid, then moved southeast, damaging wheat in southern Sedgwick County. There was also heavy crop damage in the Julesburg area, in Phillips County northeast of Holyoke, and lighter damage in the Holyoke area.							
Otero, Bent and Prowers Counties	24	4-5pm					3	4	Hail
		Hail caused varying amounts of property and crop damage from Fowler to Lamar. Egg size hail stones were reported in the Rocky Ford-La Junta area, and golf ball size hail near Las Animas.							

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Colorado (continued) Prowers County	24	6:00pm-6:15pm	2-3	100-125			*5	C	Tornadoes (2)
									A tornado touched down about 5 miles south of Granada at about 6:00pm, destroying all farm building and chancing a farmhouse at one farm and causing extensive damage to buildings at a neighboring farm. This tornado moving northeast, apparently lifted and touched down again about 6:15pm one mile north of Holly, and caused extensive damage to a feed lot, killing or injuring several head of cattle. Moving northeast over a distance of 2 to 3 miles it caused damage to a cemetery, to equipment at paving company and to farm buildings. A second tornado touched down briefly at about the same time one half mile east of Holly, reportedly moving southeast, no damage reported.
Connecticut Statewide	25	Evening			0	0	4	0	
									General thunderstorm activity with short period heavy rains of up to 1 1/2 inches per hour and moderate winds caused local flooding of roadways and basements, several road and sidewalk washouts, and considerable cropland soil erosion. Scattered power losses occurred in Milford and Stratford. Flooding damage was most extensive in Manchester, Coventry, Windham, Milford and Stratford. Crop erosion was greatest in parts of Hartford, Tolland and Windham Counties and especially in central New Haven County.
Delaware New Castle County	12	Afternoon & Evening			0	0	4	0	Wind, lightning and rain
									Strong winds, lightning and heavy rain caused scattered minor damage.
Dover	12	6:45 p.							Funnel cloud
									A funnel cloud was sighted in this area.
Georgetown	27	Late Evening			0	0	?	?	Hail
									Hailstones, half the size of golf balls, were reported.
Florida Peninsula and Keys	2-6				0	0	8	C	Tropical Storm
									Hurricane Abby moved northeast between the Dry Tortugas and Key West on Monday June 3, with maximum sustained winds of barely hurricane force. Although winds of gale force were observed in the Keys for 26 hours maximum sustained winds were only about 45 mph and highest tides at Key West were less than one foot above normal. One death indirectly caused by the storm occurred at Key West when a year-old girl wandered away from her grandmother and drowned in a pool of rainwater eight inches deep. Abby moved inland near Punta Gorda after weakening rapidly on the morning of June 4. Maximum sustained winds along the southwest coast were about 25 mph with peak gusts near 40 mph. Tides were only slightly above normal south of Punta Gorda and 1/2 to 1 foot below normal in the Tampa Bay area. Abby continued northeast toward Titusville with maximum sustained winds of 25 to 30 mph with gusts to 45 mph. After moving off the east coast late in the afternoon of the 4th, she looped southward to the Vero Beach area before moving north-northwestward along the east coast on June 6, crowing into Georgia that night. Abby intensified off the east coast but did not regain hurricane intensity. Maximum sustained winds in exposed coastal sections were about 40 to 55 mph with peak gusts to about 70 mph. Wind speeds dropped off a short distance inland to 30 to 40 mph with gusts to 55 mph. Highest tides were 2 to 3 feet above normal. Damage along the coast from Brevard County northward consisted mostly of broken tree limbs; downed small trees, signs, and power lines; some beach erosion; and minor rainfall flooding. Total damage statewide was about \$250,000, mostly in the Titusville-Cocoa area, where storm rainfall measured about 1 1/4 inches at some stations.
Pineda Bar Brevard County	4	5:30a	1/3	narrow	0	0	3	0	Tornado
									Small tornado associated with Tropical Storm Abby moved about 600 yards along the bank of the Indian River doing only minor damage.
Cape Kennedy	4	7:15a	1/10	15	0	0	0	0	Tornado
									Funnel aloft was observed by Weather Bureau personnel to touch down briefly in the NASA Kennedy Space Center industrial area. The tornado was associated with Tropical Storm Abby and moved from south to north.
Haines City Polk County	5	8:10a	short	narrow	0	0	2	0	Tornado
									Tornado associated with Tropical Storm Abby touched down briefly. Damage consisted of damaged television antennas and broken windows.
Miami, 15 miles northwest	5	5:19p							Funnel aloft (2)
Florida (continued)									
Miami	7	2:10p	1	wide	0	1	5	0	Tornado
									Funnel cloud descended to the surface over land and moved north-eastward through the Dinner Key Marina and out to sea. Two large 50-foot boats were severely damaged and one 35-foot houseboat was lifted more than 10 feet and impaled on dock pilings. Many small sailboats were sunk or damaged. Only one minor injury was reported. Radar indicated thunderstorm tops to 50,000 feet.
Miami	7	2:45p							Funnel aloft
Palm Bay Brevard County	8	3:45p	1	1	0	0	5	0	Windstorm
									A severe windstorm did heavy damage to satellite communications equipment. Cloud formations as high as 50,000 feet were observed in the area by radar.
Lake Okeechobee	8	12:20p							Waterspout
Key West	8	6:11p							Funnel aloft (2)
Lake Okeechobee	9	1:15p							Waterspout
									Waterspout observed in the vicinity of Torrey Island near Belle Glade.
Key Biscayne Dade County	10	6:07a							Funnel aloft
Plantation Monroe County	10	afternoon							Waterspout
Fort Lauderdale	10	5:19p							Funnel aloft
Fort Lauderdale	10	10:54p							Waterspout
Marathon Monroe County	11	10:53a							Waterspout
Ocala Marion County	11	1:30p			0	0	4	0	Thunderstorm
									A severe thunderstorm with winds estimated at 70 mph caused at least 5 trees to fall onto houses. Tampa radar indicated cloud tops to 55,000 feet.
Panama City Bay County	11	11:50p			0	1	2	0	Windstorm
									A camper trailer was overturned in a windstorm. One woman was slightly injured.
Miami, 15 miles SSW	11	12:42p							Funnel aloft
Key West	12	1:14p							Waterspout
Tallahassee	12	3:00p			0	0	3	0	Hail
									Hail 1/2 to 3/4 inch in diameter observed in south Tallahassee.
Havana Gadsden County	12	3:30p	4	1/2	0	0	4	5	Tornado and hail
									Tornado accompanied by one-inch hail moved from Havana to Concord, occasionally lifting off the ground. Damage was heaviest 2 miles east of Havana, where one home and two barns were destroyed. Numerous trees were uprooted, including large oaks. Crops destroyed were shade tobacco, corn and vegetables.
Elliott Key Dade County	12	5:19p							Waterspout
Fort Myers, 15 miles SW Lee County	12	5:56p							Funnel aloft
Key West	13	7:14 to 7:45a							Waterspouts (3)
Miami	13	7:25a							Waterspout
Fort Myers Lee County	13	2:40p			0	0	0	0	Hail
									Hail from 1/2 to 3/4 inch in diameter, 3.00 inches of rain, and wind gusts to 57 mph were observed in a half-hour period.
Marathon Monroe County	13	3:54p							Funnel aloft (2)
Miami	14	9:45a							Funnel aloft
Key West	14	10:36a							Funnel aloft
St. Petersburg	14	11:13a							Funnel aloft
West Palm Beach	14	11:46a							Funnel aloft

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS				
Florida (continued)										Georgia												
Fort Myers	14	2:43p			0	0	0	0	Hail	Vidalia	2	5:00 p	Short	Narrow	0	0	4	0	Tornado			
									Hail 3/4 inch in diameter observed at Fort Myers Airport.											Small storm moved through the downtown area demolishing a tobacco warehouse, blowing out plate glass windows and wrecking awnings. Trees were also uprooted and the police radio antenna was blown down.		
Lutz Hillsborough County	14	3:03p			0	0	4	0	Hail and wind	Statewide	2	pm			0	0	5	0	Wind, hail and lightning			
									Heavy thunder shower and egg-size hail reported. Numerous power lines blown down and one house trailer flattened.											Numerous thunderstorms caused extensive damage in widely scattered sections of the State. A mobile home was demolished and trees uprooted in Douglasville. Two house fires were started by lightning, roofs of several buildings and a drive-in theater were damaged by wind and hail was reported in Toccoa. Several buildings suffered light wind damage and hail up to 2 inches in diameter was observed in and around Macon. Lightning started 2 house fires in Clarksville and hail was reported in the Gainesville area. A mobile home was completely demolished in Cordele. Two homes were damaged by lightning started fires in the Marietta area and 1/2 to 3/4 inch hail was reported 40 miles north of Athens.		
Juno Beach Palm Beach County	14	4:18p							Waterspout													
Sarasota	16	4:35p							Funnels aloft (3)													
Key West	17	8:11a							Funnels aloft (2) and waterspout													
West Palm Beach	17	12:50p							Funnel aloft													
La Belle Hendry County	17	1:30p							Funnels aloft (2)	Southeast	6-7				0	0	4	0	Tropical Storm Abby			
Key West	18	1:00p							Waterspout											Damage by tropical storm Abby as it moved northward through southeast and east central Georgia was confined mainly to downed utility lines and some minor flooding in coastal areas. Winds were no more than 35 to 40 mph with gusts to 50 mph and tides were 2 to 3 feet above normal. Rainfall ranged mostly from 2 to 4 inches along the eastern side of the State, decreasing to practically none in western sections. The 2-day total was 6.5h inches at Blackbeard Island.		
St. Petersburg	19	5:25a							Funnel aloft													
Satellite Beach Brevard County	19	12:45p	short narrow		0	0	3	0	Tornado													
									Small tornado moved from south to north inflicting minor damage.													
Key West	19	2:35p							Funnels aloft (several)	Savannah	10	7:00 pm			0	1	3	0	Wind, rain and lightning			
Fort Meade Polk County	19	3:15p							Funnel aloft											A man was injured by lightning while closing windows in his home. Electrical service was interrupted in several sections of the city by lightning and by tree branches falling on the lines. Some streets were flooded.		
Pensacola	19	3:30p			1	0	0	0	Lightning	Carnesville	11	pm			0	0	4	0	Wind, rain and lightning			
									A 71-year old man was killed while sitting next to a stove at the home of a friend. Lightning hit a stove pipe outside the house and traveled inside.											A house and a mobile home were destroyed by lightning started fires. Trees were uprooted and heavy rains caused the collapse of a retaining wall at an automobile dealers lot. Seven new and 5 used cars were damaged.		
Marathon Monroe County	20	1:27p							Waterspouts (2)	Eastville, Oconee County	11	8:00 p	?	?	0	0	3	0	Tornado			
Key West	20	2:16p							Funnel aloft											House was damaged when one of two uprooted trees fell on it. Witnesses reported seeing funnel cloud dip down to tree top levels and hearing roaring noise.		
Key West	20	3:04p							Funnel aloft	Taylor County	12	2:00 p			1	0			Lightning			
West Palm Beach	21	3:15p							Funnel aloft											A peach picker was killed by lightning while leaving the field. Other nearby workers were not hurt.		
Pahokee Palm Beach County	21	3:45p							Waterspout	Tift County	12	pm			0	0	4	4	Wind, rain and hail			
St. Petersburg	22	2:15p							Funnel aloft											Thunderstorm winds, heavy rain and marble size hail caused heavy damage to crops and property in several areas of the county. Corn and tobacco was heavily damaged by hail, trees were uprooted and utility lines were broken by the winds. Several barns were destroyed and other buildings were damaged.		
Boynton Palm Beach County	25	12:27p							Funnel aloft	Mitchell County	17	7:30 p	1	Narrow	0	0	4	0	Tornado			
Miami	25	5:25p	10 narrow		0	0	1	0	Tornado											Storm described as a small tornado tore down a line of 8 telephone poles, uprooted trees and damaged one house and one mobile home.		
									Small tornado touched down about one mile west of the Miami International Airport and was observed to move northeast about 15 mph. It dissipated northeast of Opa-Locka. Damage was slight since the one location that the tornado definitely touched down was in the Everglades west of the airport.													
Miami	26	5:40a	short	20	0	0	5	0	Waterspout	Macon, near	26	10:30 p	Hail	3/4 inch in diameter reported 5 miles north of Macon Airport.								
									Waterspout formed over Biscayne Bay and struck the Crandon Park Marina. Six boats were sunk and 20 others damaged plus additional damage to the docks. A 38-foot cabin cruiser was lifted 10 feet off the water then dropped and sunk in the center of the yacht basin.	Hawaii												None reported
Miami (Dinner Key)	26	5:48a							Funnel aloft	Idaho Eastern Butte County	6	1:20 p.								Funnel Clouds		
Tampa, 17 miles northwest	26	5:26p							Waterspout											Three funnel clouds were observed 5 miles northeast of the Central Facilities of the National Reactor Testing Station. The funnels did not touch ground.		
Cocoanut Lee County	27	6:10a							Waterspout	Payette County	10	8:00 p.			0	4	4	0	Blowing dust			
Cape Kennedy	27	11:27 to 11:47a							Funnels aloft (3 to 5)											First car stopped on highway 80N because of heavy blowing dust. Four cars following each crashed into preceding car. All cars except last were extensively damaged and were towed from scene. Occupants suffered minor injuries.		
Miami	27	11:30a							Funnel aloft	Idaho County	11	2:00 p.- 4:30 p.	20	*6 - 9	0	0	5	6	Hail and wind			
Plantation Key Monroe County	27	12:30p							Waterspouts (2)											Storm first struck Keuterville-Cottonwood area and moved east-northeastward across Camas Prairie, dissipating in the vicinity of Kookkia. Hailstones averaged 1" in diameter with some as large as 2 1/2". Depth of hail on ground varied from 2 to 5 inches. Most severe damage was to peas, then wheat and barley. Extent of crop damage estimated at 60% to 100%. Affected were 9,000 A. in barley, 12,000 A. in wheat, 13,000 A. in winter peas and 9,000 A. in hay and pasture. Roofs, windows, siding were damaged as well as several automobiles. Wind lifted a new 496 ft. suspension bridge, flipped it on its side, causing it to break and plunge into the Middle Fork of the Clearwater River near Kookkia.		
Daytona Beach	28	12:35p							Waterspout	Payette	18	11:00 p.					5		Wind			
Miami (Biscayne Bay)	28	1:25p							Funnel aloft											Strong winds, accompanying a thunderstorm, caused extensive damage in North Payette and at Payette airport. Four hangars, one under construction, were flattened and several planes damaged. One plane tied down in a hangar, was blown more than 50 ft. and overturned. One trailer home and a large barn near airport were lifted from		
St. Petersburg	29	10:10a							Funnel aloft													
Miami, 4 miles west	29	1:30p							Funnel aloft													
Miami, 25 miles west	29	1:50p							Funnel aloft													
West Palm Beach	30	12:45p							Funnel aloft													
West Palm Beach	30	1:12p							Waterspout													

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<b>Idaho (continued)</b>										
									foundations and moved several feet. Other trailers were tipped over. Many trees were uprooted and large limbs broken and scattered, with considerable damage to homes and cars in the city. Strongest winds were from the southwest. Little precipitation accompanied the storm.	
Fremont County	20	Afternoon					*4	C	Funnel cloud Small funnel-shaped cloud traveled from 4 miles east of Ashton to vicinity of Squirrel. Tin roofs and shingles were torn from some buildings, windows were broken, roofs were lifted from two pump-houses and carried 100 to 150 ft., and more than 30 trees, 8" in diameter, were flattened. Some hail damage to crops.	
Illinois Northern	9	6p-9p							Funnel clouds A number of funnel clouds were reported as late afternoon thunderstorms moved across northern Illinois into Chicago area. Rockford reported wind gusts of 50 kts. Some damage resulted from hail and high winds.	
Northern	10	9p-midn					4		Hail, wind, funnel clouds 1 1/2" hail 10 NE Moline, small hail and funnel clouds reported in several areas, wind gusts to 60 knots with scattered property damage. At Peoria a mobile home was overturned and walls of a building under construction were blown over.	
Moline vicinity	11	2:40p					?	?	Hail 1/2" to 3/4" hail covered ground with some 1 1/2" stones.	
Northern	14	aftn-eve							Funnel clouds Several funnel clouds reported east and north of Springfield to Chicago.	
Southern	15	1p-4p					*4	C	Funnel clouds, heavy rain Several funnel clouds reported but damage appeared from straight wind. Heaviest damage near Waterloo from both wind and more than 3" of rain, nearly 2" in less than 45 min. Some hail fell but most crop damage was from local flooding. 1 1/2" hail at Mt. Olive at 3 p.m.	
Chicago vicinity	21	3p-5p							Funnel clouds Several funnel clouds reported in Chicago general area.	
Chicago vicinity	23	evening					?		lightning, hail, wind, funnel clouds Widespread damage reported in Chicago area from lightning, hail, and high winds with some funnel clouds sighted.	
Eastern	24	11a-2p							Funnel clouds Several funnel clouds reported between Champaign and Chicago.	
Kankakee County	24	7p-8p			0	4	4		High wind High winds broke limbs, which downed utility lines and interrupted power. Two mobile homes blown over in Momence area and 4 occupants treated at hospital.	
Central	24-25						?	?	Heavy rain Heavy rain across central Illinois in general area on both sides of a line from Quincy to Kankakee. Total often more than 3" in 24 hours and 5 to 7 inches in 48 hours with much local flooding, soil erosion, and ponding. Some highways and streets blocked by overflow in eastern Illinois.	
Northern	29	morning			0	4	6		High winds Severe thunderstorms moved across northern Illinois from Carroll Co. to McHenry Co. Broken trees blocked traffic and damaged utility lines with several mobile homes overturned. At least four persons were injured. Greatest damage at Rockford Airport where wind gusts reached 86 mph. Thirty planes were destroyed or damaged and one hangar badly damaged with total loss at airport estimated near \$3 million.	
Indiana Frankfort, NNW (Clinton County)	11	E.S.T. 2:22 p.	Short	Narrow	0	5	5	0	Tornado Tornado dipped down over mobile-home court. Five persons were hospitalized. Several homes, cars and trees were damaged. A garden nursery was de-roofed and the roofs of two industrial plants were damaged. Five new house-trailers were battered.	
North Vernon, near (Jennings County)	22	2:15 p.			1	1	0	0	Lightning A boy, riding on a hay wagon, was killed when struck by lightning and a man riding with him was injured.	
Muncie, south (Delaware County)	23	?			0	0	5	0	Lightning Fire started by lightning caused \$150,000 damage to garden nursery building, contents and machinery.	
<b>Indiana (continued)</b>										
Knox, 8 miles east in Marshall County	23	4:40 p.				1	2	0	0	Lightning One boy was killed and two injured by lightning as they took shelter under a tree.
Knox, south edge (Starke County)	23	6:00 p.	Short	Narrow	0	0	4	0	0	Tornado Seven light aircraft were destroyed or damaged at the Knox airport by a tornado which touched down, briefly and moved northeastward.
Wheatfield (Jasper County)	23	6:00 p.	Short	Narrow	0	0	0	0	0	Tornado Weather Observer saw funnel touch ground twice without causing damage and move east-southeast.
Koontz Lake (Starke County)	23	Afternoon								Funnel cloud
Schererville (Lake County)	23	7:00 p.								Funnel cloud
South Bend area	23	7:10 p.	Short	Narrow	0	0	4	0	0	Tornado, lightning, wind Tornado touched ground without causing damage. However, lightning caused fire damage estimated at \$5500 to one house. Numerous power outages resulted from strong wind and falling trees. Also utility poles were splintered by lightning.
Whitley County and Allen County	23	Afternoon	3	*1	0	0	4	4		Hail, wind, rain, lightning Hail, in a band one mile wide and three miles long, in northern Whitley County, severely damaged crops. Strong wind and heavy rain caused general damage across the county and into Allen County. The southern part of the counties were hit again later the same day by severe thunderstorms and rain. Lightning caused considerable damage.
Indianapolis	23	10:00 p.								Funnel cloud Public reported funnel cloud moving eastward over eastern Indianapolis.
Greencastle (Putnam County)	24	?			0	0	4	0	0	Lightning Several buildings damaged and one barn burned when lightning caused \$35,000 fire.
Brazil (Clay County)	24	12:25 p.								Funnel cloud
Indianapolis, SE	24	12:43 p.								Funnel cloud Off duty police officer reported funnel just south of Interstate number 465.
Greensburg (Decatur County)	24	12:45 p.								Funnel cloud
Northwestern Indiana	24-25				0	0	5	5		Rain Extensive crop damage and some damage to homes and industries resulted from flooding after heavy rains. Rainfall of 4.70 inches in 24-hours set a record at South Bend. Wheatfield (Jasper County) had 8.20 inches of rain in 24-hours.
Adams Lake (LaGrange County)	26	5:25 p.								Funnel cloud, wind Funnel cloud sighted and minor damage reported caused by wind.
Waterloo (DeKalb County)	26	7:00 p.								Funnel cloud Funnel cloud was reported in vicinity of Waterloo.
Butler, 1/2 mile south (DeKalb County)	26	7:30 p.								Funnel cloud Public reported funnel moving north northeast.
Iowa Le Mars	8	8:00 p						4	4	Windstorm 35% of damage by hail to crops.
S of Boone, Boone County	9	10:58 a								Funnel cloud
Ames, Story County	9	11:00 a						6		Lightning Factory burned. Loss estimate \$500,000.00.
Reinbeck, Grundy County	9	1:00 p								Funnel cloud
Norway, Benton County	9	2:00 p								Funnel cloud
Winneshiek County	9	3:00 p						4		Lightning
West Union, Fayette County	9	3:30 p						2		Lightning Two boys (15 and 16) standing under a tree struck, second degree burns, clothing shredded, nylon socks melted.
Maquoketa	9	4:15 p						4		Lightning
Fairport, Muscatine County	9	4:30 p								Hailstorm One inch diameter.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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				
Iowa (continued)										Iowa (continued)												
Cherokee	10	0:00 a							Funnel cloud	Lake Okoboji, Dickinson County	13	6:30 p							Funnel clouds (several)			
Cherokee	10	0:00 a					4	4	Hailstorm	1SE Sioux City	13	7:05 p	1/8	100			4	4	Tornado			
Greenhouses			severely damaged.				1	3/4	inch diameter hail.										One moved along			
Ringsted	10	0:15 a							Lightning													
Church burned.										Clay and Palo Alto Counties	13	7:30 p						4	4	Windstorm		
Palo Alto County	10	1:10 a							Funnel cloud										Scattered wind damage at Spender, Graettinger & Ruthven.			
Clear Lake, Cerro Gordo County	10	3:00 a						4	Windstorm	NE Buena Vista County	13	7:45 p	5					4	4	Windstorm		
Clear Lake	10	12:10 p							Funnel Clouds (two)											Damage around and in Marathon.		
Monticello, Jones County	10	3:30 p							Funnel cloud	Ringsted, Emmet County	13	7:45 p				1			3	Windstorm		
McGregor, Clayton County	10	3:33 p							Funnel cloud	10ESE Fort Dodge	13	8:30 p								Funnel cloud		
Maquoketa	10	4:00 p						4	Lightning											Near Duncombe.		
Northern Boone County	10	4:00 p	10	3500			4	5	Hailstorm	NE Hancock County	13	9:10 p									Between Britt and Crystal Lake.	
Hail 2 1/2 inch diameter. 20 sq. miles affected near Pilot Mound.										5W Jefferson	13	9:20 p										
Albia	10	4:30 p							Funnel cloud	Woodward	13	9:55 p										
Moved NE, 45 mph.										Hubbard	13	10:03 p										
Eddyville	10	4:58 p							Funnel cloud	Collins, Story County	13	10:03 p										
Ackworth	10	5:30 p							Funnel cloud	4N Iowa City	13	11:40 p										
6H Milo, Warren County	10	5:40 p							Funnel cloud	Treynor, Pottawattamie County	13	11:45 p						4	5	Hailstorm		
Blairstown, Benton County	10	7:00 p						4	Windstorm	300 farms damaged by hail.												
Winds to 80 mph. and hail.										Wapello, Louisa County	14	0:30 a										
Cedar Rapids	10	7:16 p							Funnel clouds (two)	Burlington	14	1:00 a										
6S Sioux City	10	7:25 p							Funnel cloud	SE Wapello County	14	1:00 a	1	400				4	4	Windstorm		
Sioux City	10	7:25 p	1/8	200			4		Tornado	Crossed Des Moines River west of Eldon.												
Moved north. Touched down near 7th and Division in NE Sioux City.										Rock Rapids	17	5:05 p						4	5	Hailstorm		
Monticello, Jones County	10	7:45 p						4	Windstorm	Hailstone diameters to 1 1/2 inches.												
SW Dubuque County	10	7:50 p					1	4	4	Sioux City	22	10:15 p						3	5	Windstorm		
Winds estimated at 70 mph. Damage at Cascade, Worthington and Farley. One injured at Farley by broken glass in windstorm.									Windstorm	6N Sioux City	22	10:32 p									Tornado	
NW Jones County	10	8:00 p							Funnel clouds (three)	Touched down near Hinton.												
Sighted between Anamosa and Monticello.										SW Dickinson County	22	10:50 p										
4S Cleghorn, Cherokee County	10	8:10 p							Funnel cloud	2 1/2 E Denison	23	11:20 a						4		Windstorm		
Dubuque	10	8:13 p						4	Windstorm	\$18,000 damage.												
Cherokee	10	8:30 p							Funnel clouds (two)	Gilbert, Story County	23	2:30 p						4	4	Hailstorm		
W of Larrabee	10	8:45 p							Funnel cloud	Hailstones: 2 inches diameter.												
Woodbury County	10	9:25 p							Funnel cloud	Liscombe, Marshall County	23	2:40 p						4	4	Windstorm		
Sighted at Brown's Lake, 10SE of Sioux City.										7SE Waterloo	23	2:40 p										
Spencer, Clay County	10	9:30 p							Funnel cloud	SE Marble Rock, Floyd County	23	4:15 p									Funnel clouds	
Mallard, Palo Alto County	10	9:55 p							Funnel cloud	NE of Washburn, Black Hawk Co.	23	4:20 p									Funnel cloud	
SE Wapello County	13	1:00 a	5	400				4	Windstorm	Central City	23	4:25 p									Funnel cloud	
Ashton, Osceola County	13	5:15 p						4	Hailstorm	Schaller, Sac County	23	Afternoon						4	4	Hailstorm		
One inch diameter.										20% damage due to wind.												
Sibley	13	5:37 p							Funnel cloud	2NW State Center, Story County	23	7:00 p										
E Osceola County	13	5:50 p	12				5	5	Tornado	Urbana, Benton County	24	1:00 p									Funnel cloud	
Observed SW of Ocheyedan. Six funnels sighted between Melvin and Ocheyedan. Moved ENE.										West Branch, Muscatine County	24	3:37 p										
E Osceola County	13	5:50 p	12				5	5	Windstorm	20SE Waterloo	24	4:30 p									Funnel cloud	
1 1/2 inch hail caused 10% damage. Windstorms over broad zone in thunderstorms surrounding tornado (or tornadoes) 45 homesteads damaged, 6,000 acres destroyed.										W of Des Moines	24	4:35 p										
Dickinson County	13	6:30 p					6	6	Hailstorm	Sighted west of Interstate 35 and 80.												
County hail and windstorm losses estimated to exceed \$5,000,000.00 excluding Arnolds Park tornado.										Belmond	24	6:00 p	1/4	100				3				Tornado
Dickinson County	13	6:30 p	5	200			17	6	5	Tornado	Tornado traveled short distance through an oat field SE of Belmond. Moved SE.											
Loss estimate: Two million dollars at Arnolds Park. Farm losses in county about 3/4 million dollars. North shore lake level dropped sharply when tornado (waterspout) passed over the water and abruptly rose after passage to land. Moved NE. About 70% of damage by straight wind.										Alexander, Franklin County	24	6:11 p										Funnel cloud
										Onawa, Monona County	24	9:20 p										Funnel cloud
										Moving north.												
										Mapleton, Monona County	24	9:20 p										Funnel cloud
										Battle Creek, Ida County	24	9:50 p										Funnel cloud

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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		
Iowa (continued)										
Underwood, Pottawattamie County	24	0:30 a	Moved ENE 20 mph.						Funnel cloud	
SN Carroll	25	0:45 a							Funnel cloud	
Farnhamville, Calhoun County	25	1:10 a							Funnel cloud	
Ladora, Iowa County	25	9:40 a							Funnel clouds (two)	
Pottawattamie & Cass Counties	29	1:30 a	Damage at Council Bluffs, Neola, Walnut, Avoca, Massena and Atlantic.			5	4		Windstorm	
From Guthrie & Carroll Counties across Greene, Boone, Story, northern Dallas and Polk Counties	29	2:30 a	\$40,000 loss to silo and grain storage bin in Jefferson County. Wind damage at Woodward, Madrid, Ames, Nevada, Slater, Ogden, Elkhardt, Cambridge, Perry. 70 mph wind speeds estimated. One injury in a flipped over trailer at Slater. \$50,000 damage at Slater.	1	5	5			Windstorm	
3N State Center, Story County	29	3:36 a	Moved E, 40 mph.						Funnel cloud	
Dysart, Tama County	29	4:30 a							Funnel cloud	
Norwalk, Warren County	29	6:30 a	One inch diameter.						Hailstorm	
DeWitt, Clinton County	29	6:30 a	180 ft. tower toppled.			5			Windstorm	
Kansas										
Sumner County	5	2:55 p.				0	0	4	5	Wind, hail, rain
Crops and property in the South Haven area were damaged.										
Gray County	8	early a.m.				0	0	4	0	Lightning
A lightning-caused fire destroyed a farm home near Ingalls.										
North Central portion	8	afternoon-evening				0	0	5	5	Hail, rain, wind, lightning
Heaviest hail damage was in Rooks, Osborne, Jewell, Mitchell, Cloud, and Republic Counties. Stones were 1 3/4" diameter at Beloit at 6:20 p. Heavy rains of 3/4", or more, caused flash flooding in the Natoma area; some flooding occurred at Beloit, also. Wind damage was reported in the Belleville and Beloit areas. Lightning damage occurred at Beloit.										
Western two-thirds	9-10	afternoon-night				0	0	5	5	Hail, wind, funnel aloft
A cold front north-south through extreme western Kansas early on the 9th moved eastward to central Kansas 24 hours later. Scattered severe thunderstorms with attendant hail and high winds occurred on both sides of the front from the afternoon of the 9th to early on the 10th. Two-thirds of the counties over western and central Kansas reported hail damage and crops were wiped out in some areas. Hail stones up to 4" diameter occurred between 4:30 p. and 5:30 p. near Healy. Diameter of some of the other large hail reported was as follows: 2 mi. W Concordia, up to 1 3/4" at 7:30 p.; at Hill City, up to 1 1/2" at 6:00 p.; 1 3/4" at Glasco near 8:00 p.; and 2 3/4" near Milan about 2:00 p.m. A funnel aloft occurred 12 mi. S of Ellis at 7:05 p.m.										
Greenwood County	10	6:45-6:53 p.	1 1/2	50		0	2	5	0	Tornado
Tornado, moving from SW to NE, hit SE edge of Madison.										
South Central and eastern one-half	10	afternoon-evening				0	3	6	6	Hail, wind, rain, 2 funnels aloft
A very heavy thunderstorm in the afternoon moved from Milford to Riley to Frankfort. Considerable hail damage occurred along this path with the largest stones near 3 3/4" diameter at Riley about 2:30 p. Damaging winds and/or scattered large hail occurred during the afternoon and evening from south central Kansas to the northeast and east central portions. Some hail reports follow: up to 2" diameter at Diamond Springs at 2:00 p.; up to 1 3/4" diameter at Hillsboro at 2:30 p.; and up to 1 3/4" diameter at Coldwater in the afternoon. Winds were especially damaging in the Lebo-Hartford-Madison area. Two funnels aloft were reported over northern Johnson County about 8:45 p. Two persons were injured by flying glass resulting from hail at Milford; one injury due to wind occurred at Lebo.										
Hodgeman County	13	5:50 p.	short	440		0	0	4	0	Tornado
Tornado was observed to touch down north of Jetmore, moving south. Some homes and buildings in town were damaged.										
Southwest to north central Kansas	13	late afternoon to night				0	0	4	4	Hail, wind, lightning, funnel aloft
Scattered damage occurred from Hodgeman and Edwards Counties northeast to Jewell and Republic Counties. Hail stones up to 3 3/4" diameter fell just north of Kinsley about 8:45 p. Hail up										
Kansas (continued)										
to 3" diameter occurred near Manhattan in the evening and stones up to 1 3/4" diameter occurred at Jetmore about 7:00 p. Wind damage was reported at Belleville, Great Bend, and Scandia; lightning damage occurred at Larned. A funnel aloft was sighted 1 1/2 mi. east of Dorrance about 5:30 p.										
Southeastern one-fourth	14	afternoon-evening				0	0	5	5	Hail, rain, wind, lightning, 3 funnels aloft
Hail, rain, and wind damage was reported at scattered locations from Chautauqua, Sumner and Cowley Counties N and NE to Chase and Greenwood Counties. Lightning damage occurred in Crawford, Greenwood and Chautauqua Counties. Funnels aloft were reported as follows: Southeast of Cottonwood Falls at 6:13 p., 12 mi. NE city of Chamute at 7:00 p., and over Augusta at 5:10 p. Largest hail stones were about 2" diameter in the Winfield area about 7:00 p.										
Johnson, Wyandotte Counties	14	evening				0	0	4	0	Wind
Strong winds hit about 7:00 p., causing scattered damage to power lines, building roofs, garages, and miscellaneous other damage.										
Southwest portion	15	before 7:30 A.				0	0	4	5	Hail, wind
Moderate to locally heavy thundershowers moved SE through southwest Kansas during the early morning. Storm damage occurred in Hamilton County between 2:00 and 3:00 A. MST, in SW Kearney County about 3:00 A. MST, in NE Grant County about 4:00 A. CST, in Haskell and NW Seward Counties 6:30-7:00 A. CST, and in Finney County about 6:15 A. CST. Crops were wiped out in some localities by one of the worst hail storms residents of the area ever experienced. Some of the hail was large, jagged, irregular chunks up to 6" in length.										
Cheyenne County	15	7:30 p.	12	*1 to 5		0	0	4	5	Hail, lightning
Hail stones up to 1 3/4" diameter severely damaged crops in a small area centered SSE of Bird City.										
Scott, Wichita Counties	16	5:00-7:00 A.	28	*4-5		0	0	5	6	Hail
Storm moved from NW Scott County to SE corner of that county, with some damage also reported over eastern Wichita County. Crops were a total loss in some localities. Hail accumulated to about 10" deep 4 mi. WNW of Scott City. Largest hail was about 1 1/2" diameter.										
Rawlins County	17	6:30 p.				0	0	0	0	Tornado
Tornado touched down very briefly 4 mi. north of Herndon.										
Northwest portion	17	evening				0	0	4	5	Hail, wind, funnel aloft
Scattered hail damage occurred in Rawlins, Sherman, Decatur, Sheridan, Logan, and Thomas Counties. Largest stones were near 3" in diameter 6 mi. N of Herndon and S of Oberlin.										
Rush County	18	7:55-7:58 p.	1/2	220		0	8	5	0	Tornado
A tornado, traveling erratically to the SW, was first sighted NE of Lacrosse. It moved through the northern edge of Lacrosse, continuing for a short distance beyond the town.										
Central, southwest portions	18	evening-night				0	0	4	5	Hail, 7 funnels aloft, wind
Hail up to 3" diameter fell at Hison at 7:30 p. and stones up to 3/4" were reported at Dodge City at 11:50 p. and 10 mi. NE of Cimarron at about 11:00 p. Funnels aloft occurred as follows: 3 funnels 7 mi. SW of Jetmore about 9:45 p.; 2 funnels 5 mi. N of Dodge City at 9:56 p.; 1 funnel aloft in the Lacrosse area about 8:00 p.; and 1 funnel 10 mi. NE of Cimarron about 10:05 p.										
North Central, north-east portions	18	evening-night				0	0	4	5	Hail
Hail damage occurred in over one-half of the counties of north central and northeast Kansas. Heaviest damage was in Marshall Co., with hail up to 2 3/4" diameter. Stones up to 1 3/4" diameter fell in the Westmoreland area while Scandia and Courtland had hail up to 1" diameter.										
Riley County	19	early a.m.				0	0	5	0	Lightning
Estimated damage of \$65,000 resulted from a lightning-caused fire at Manhattan.										
Sherman County	19	6:38 p.								Funnel aloft
Funnel aloft was sighted 15 mi. SW of Goodland.										
Wallace County	22	3:55-4:10 p.	2-3	500		0	0	0	3	Tornado
A tornado, moving NE, touched down 6 mi. WNW of Haskan.										
Thomas County	22	6:30 p.								Funnel aloft
Funnel aloft was observed SSW of Colby.										

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					KILLED	INJURED	PROPERTY	CROPS	
Kansas (continued)									
Sherman County	22	7:08 p.	short	?	0	0	0	0	Tornado
									Tornado was sighted 5 mi. NE Edison but was soon obscured by rain.
Extreme northwest portion	24	afternoon-evening	?	?	0	0	5	6	Hail, rain, wind, lightning
									Wind and hail damage occurred in Cheyenne, Rawlins, and Thomas Counties. Total crop loss was reported in a strip 1 mi. wide from Colby to 25 mi. N of Colby. Largest stones were about 2 3/4" diameter 5/8 mi. NW of Colby. Heavy rains of more than 3" caused flash flooding in Colby. Lightning damage occurred about 10 mi. SE of Atwood and 12 1/2 mi. SSE of Bird City.
Thomas County	24	7:35 p.	2	?	0	0	0	0	Tornado
									Tornado, traveling NE, skipped along a 2-mile path from about 5 miles NNW of Oakley to 6 1/2 mi. NNE of Oakley.
Extreme southwest portion	24-25	Night of 24-25	?	?	0	0	5	6	Hail, wind
									Thousands of acres of crops were damaged in Stanton, Morton, Stevens, and Haskell Counties. Largest hail reported was over 2" diameter in northern Stevens County.
Kingman County	29	a.m.			0	2	3	0	Wind
									Strong winds SW of Murdock caused injuries to 2 persons.
SPECIAL HAIL SUMMARY									
									Hail Loss Clearing House reports indicate hail was especially severe on these dates in the following counties:
	8								Barton, Cloud, Mitchell, Osborne, Republic, Rice, Rooks
	9								Cloud, Ellsworth, Finney, Mitchell, Ness, Ottawa, Phillips, Pratt, Republic
	10								Butler, Clay, Cowley, Geary, Harper, Harvey, Jewell, McPherson, Marion, Marshall, Mitchell, Morris, Nemaha, Republic, Riley, Sedgwick, Sumner
	13								Jewell, Phillips, Republic, Smith
	14								Butler, Cowley, Greenwood, Sumner
	15								Cheyenne, Grant
	16								Scott
	17								Decatur
	18								Ellis, Jewell, Marshall, Pottawatomie, Rush
	24								Thomas
Kentucky									
Ohio & Green Rivers	cont.				0	0	?	?	Flooding
									Flooding along the Ohio and Green Rivers began in late May. Along the Ohio, the water remained above bankfull as far upstream as Cincinnati and Maysville as late as June 1; above flood stage farther downstream from Louisville to Addison through the first several days of June; through the 5th at Owensboro. Water remained above bankfull until the 13th from Fords Ferry south. Portions of the Green River remained above flood stage until the 9th. At Cincinnati the Ohio was above flood stage until 11:30 a.m. on June 1. This was the first occasion known of a flood stage in June at Cincinnati. At Louisville records extending back through 1875 show that flooding in that area near the end of May and early June 1968 were the highest stages ever to have been recorded so late in the spring season. At Cairo, Ill. water was the highest for any June since 1947. (See the May 1968 issue of this publication for an account of damage to crops. For additional details concerning river and flood conditions see the May and June 1968 issues of the ESSA publication <u>Climatological Data National Summary</u> ).
Graves County	1	12:45 p.							Funnel cloud aloft
									Funnel cloud aloft reported about 10 miles south of Paducah before 12:45 p.m.
Barren County	1	Afternoon			0	0	5	0	Lightning, wind, rain
									In the city of Glasgow lightning knocked a hole about 5 or 6 feet square in the roof of a building housing a furniture store, and wind tore off almost half of the roof of the building. Rain damaged much of the contents of the store. Fire apparently set by lightning destroyed a barn. Wind gusts to 54 miles per hour at 2:30 p.m. were recorded (autographic record) at the Weather Bureau Cooperative station at Glasgow.
Larue County	1	10 p.			0	0	4	0	Lightning
									A fire apparently set by a lightning strike destroyed a building and its contents at Hodgenville.
Graves County	2	5 p.							Funnel cloud aloft
									Pilot reported funnel cloud about 15 miles south of Paducah.
Marshall County	2	5:35 p.							Funnel clouds aloft
									Several funnel clouds reported about 30 miles southeast of Paducah before 5:35 p.m.
Kentucky (continued)									
Madison County	9	Afternoon			0	1	0	0	Lightning
									A woman was "knocked out" (but soon revived) when lightning struck close to where she was standing near her home in Berea. Her doctor reported no specific injuries. The woman said she heard a "terrible clap of thunder" and then "saw a ball of fire coming down the wires".
Union County	16	4:15 a.			0	0	4	0	Lightning
									Fire apparently set by a lightning strike destroyed a home and contents.
Christian County	16	10:30 p.			0	0	6	0	Wind
									High winds damaged roofs of housing units at Ft. Campbell, broke windows in houses and cars, uprooted numerous trees. Several buildings sustained heavy water damage due to heavy rain that accompanied the wind.
Simpson County	16	Noon			0	0	5	0	Wind, hail
									In the southwestern section within a 2-mile radius of Franklin, high winds leveled several hundred acres of crops, uprooted trees, flattened 2 barns, and damaged 4 other buildings. Hailstones as large as marbles contributed to the damage; some were still on the ground an hour after the storm had passed.
Grant County	17	2:00 p.			1	2	0	0	Lightning
									A woman was killed when struck by lightning as she was leaving a hayfield about 4 miles southwest of Williamstown. Several of the 5 people she had been working with were knocked down and stunned, including the victim's husband.
Montgomery County	22	Night			0	1	0	0	Lightning
									A woman was stunned when lightning struck her home in Mr. Sterling.
North	23				0	1	4	0	Lightning, rain hail
									Lightning was responsible for the injury of a man in Lexington, Fayette County, about 2 a.m. It apparently was the cause of damage to at least 4 homes and 3 barns - in the counties of Hancock, Fayette, Bourbon, Fleming and Greenup. There was some local street flooding at several locations. Hail was responsible for some damage in Montgomery County.
Bourbon County	25	2 p.			0	0	4	0	Lightning
									Fire apparently set by lightning destroyed a barn and farm machinery housed in it.
Louisiana									
Calcasieu Parish	2	11:37 a.m.							Funnel cloud aloft
									Pilot reported 10 miles southeast of Lake Charles.
St. Mary Parish	5	1:00 p.m.							Funnel cloud aloft
									State Police reported 1 mile west of Franklin.
Northwest to Central Divisions	5	7:00 p.m.-10:00 p.m.			0	0	?	?	Wind, hail, rain
									Winds gusting to 50-60 m.p.h. unroofed buildings at Ball and Tioga in Rapides Parish; 1-2 inch diameter hail, 50-60 m.p.h. winds, and severe lightning reported by Civil Defense at Natchitoches and public reported large hail, damaging winds and severe lightning at Lake Bistineau (Webster Parish).
Calcasieu Parish	6	2:37 p.m.							Funnel cloud aloft
									Reported 8 miles east-northeast of WVAS, Lake Charles.
Tangipahoa Parish	6	p.m.			1	0			Lightning
									Nine-year-old boy succumbed after being struck by lightning while perched in tree at Independence.
Iberia Parish	7	3:00 p.m.			0	0	3	0	Wind
									Implement and storage shed demolished in Coteau area.
Ouachita Parish	7	5:10 p.m.			0	0	4	?	Wind, rain
									Squall line with heavy rain and strong wind gusts (46 m.p.h. measured) moved through Monroe area. Several residential areas flooded. Seven airplanes at Selman Field damaged, several almost total losses, by wind.
Caddo Parish	7	7:45 p.m.							Funnel cloud aloft
									Just south of Shreveport International Airport. Did not touch ground.

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Louisiana (continued)									
Madison Parish	12	noon			0	0	?	?	Hail, wind, rain
									Heavy rains, some hail damage to cotton, winds gusting to 55 m.p.h. damaged poles near Mound.
Aoadia Parish	12	2:30 p.m.			0	0	4		Lightning
									Fire caused by lightning destroyed hay and tool barn and contents on farm 5 miles south of Eunice.
Caddo and Bossier Parishes	12	4:20 p.m.-5:10 p.m.			0	0	?	?	Hail, winds, rain
									Hail, 1-3/4 inch diameter, reported at Vivian at 4:20 p.m., and 1-inch diameter hail at Princeton and Naughton at 5:10 p.m. accompanied by heavy rain and gusty winds.
Vermilion Parish	14	p.m.							Funnel cloud aloft
									Two funnel clouds sighted 7 miles south of Gueydan during afternoon.
Iberia Parish	16	11:15 a.m.							Funnel cloud aloft
									Pilot report 25 miles southeast of Lafayette.
West Carroll Parish	16	1:00 p.m.							Funnel cloud aloft
									Reported at Darnell. No apparent damage.
Webster Parish	16	night			0	0	5	0	Lightning
									Church burned in south Minden after being struck by lightning.
St. Helena Parish	17	afternoon	200**	20	0	0	3	0	Small tornado
									Trees twisted off 5 feet above ground over path near Greensburg. Massive oak snapped in two and fell on house causing damage.
Plaquemine Parish	20	11:20 a.m.	1/2	50	0	0	4	0	Waterspouts - tornado
									Four waterspouts reported in Boothville area. Three small funnels over marshes west of town; but fourth, first sighted in the Mississippi River, one mile northwest of WBO Boothville at 11:22 a.m., moved onshore, ripped roof off residence, picked up unoccupied house trailer and dropped it overturned and demolished 50 feet from its foundation. Storm movement northeast to southwest.
Calcasieu Parish	24	11:32 a.m.							Funnel cloud aloft
									Sighted and indicated by radar 8 miles southwest of WBAS Lake Charles, near Carlys, but apparently did not touch ground.
Caldwell Parish	24	11:51 a.m.-12:10 p.m.			0	0	0	0	Small tornado
									Pilot reported funnel on ground open country 25 miles south-southwest of Monroe. Went back into cloud at 11:55 a.m. No reported damage. Funnel aloft sighted by another aircraft 20 miles southeast of Monroe about 12:10 p.m. - probably in same thunderstorm.
Jefferson Davis Parish	26	1:55 p.m.							Funnel cloud
									Sighted by public at Roanoke, but apparently did not touch ground.
St. Charles - St. John Parishes	29	2:54 p.m.-2:55 p.m.							Funnel clouds
									Locations: 1. 6 miles north-northwest of Moisant International A.F. near south shore of Lake Pontchartrain and 2) 20 miles northwest of Moisant between Lake Pontchartrain and Lake Maurepas. Both apparently touched ground, no damage reported.
Maine									
Central and southwestern	20	A.M.			0	0	2	4	Hail, lightning
									Hail accumulations locally up to two inches deep. Hail broke a few windows and stripped trees and crops of foliage. At Bath, where hail began at about 10 A.M., the ice accumulation nearly stopped traffic. Most communities had little or no hail. Scattered lightning damage.
Maryland									
Montgomery, Frederick, and Prince Georges Counties	3	Afternoon			0	0	0	?	Hail
									Largest size, 1 3/4 inches, fell at Rotomac at 1:30 p.; moth-hail size was reported in Frederick area at 4:15 p.
Centreville	10	3:00-3:30 p.			0	0	?	?	Heavy rain
									3 to 3 1/2 inches of rain fell in about one-half hour and caused minor flash flooding.
Maryland (continued)									
Oakland	10	4:00-5:00 p.			0	0	3	0	Funnel, lightning
									A well-defined funnel was observed by the Oakland Weather Bureau cooperative observer during violent thunderstorm. Two sheep were killed by lightning at Mountain Lake Park nearby.
Northern Counties, from Frederick County eastward	12	Afternoon			0	0	4	0	Lightning, wind
									Strong winds and lightning caused scattered minor damage.
Rockville (Headwood Lake area)	16	4:55 p.			0	1	4	0	Windstorm
									Severe thunderstorm with unusually strong winds toppled trees and damaged a 120-year old mansion at the Regional Park. A young man was struck and slightly injured by an aluminum canoe lifted about 4 feet off the ground by the wind. At least 4 cars were crushed by falling trees. Park Supervisor said the storm was the worst he had ever experienced in the area since 1936. Damages were estimated about \$35,000.
Central portion including Frederick County	19	Afternoon & Evening			0	0	4	0	Lightning, wind, rain, and hail
									Severe thunderstorms uprooted trees and downed utility lines, killed livestock, destroyed at least one barn and flooded roads. Hail size was not noted.
Eastern portion	24	Evening			0	0	4	0	Lightning, wind
									Severe thunderstorms crossed area, uprooting trees, downing utility lines and destroying at least one barn.
Southern half of Eastern Shore	27	Evening			0	0	?	?	Wind, lightning, and hail
									Scattered lightning and wind damage were reported; hail was observed in Shilisbury area but size was not noted.
Massachusetts									
State	3	P.M.			0	0	4	3	Lightning, hail, wind
									Thunderstorms caused scattered damage, with utility outages from lightning and wind felled limbs. Hail up to 3/4 inch size fell in Haverhill, while in the Greenfield area hail damaged apple orchards. Some erosion from heavy washing rains. Some buildings damaged by lightning. Winds to 55 mph reported at Littleton.
Northeastern	9	P.M.			0	0	4	0	Lightning
									Most damage reported from Methuen, where an appliance store and several homes were struck.
Northeastern	14	Early A.M.			0	0	3	0	Lightning
									Lightning blasted a 3-ft. hole in the side of a home, with some fire damage also.
Amherst and vicinity	28	2:30 A.M.			0	0	4	0	Wind
									Trees and limbs felled, disrupting utility service and damaging an automobile.
Cape Cod	28	P.M.			0	2	3	0	Lightning
									Scattered lightning damage. At West Dennis a bolt blew a hole in the side of a cottage, injuring two women with burns and cuts.
Michigan									
9S Shingleton, Schoolcraft County	1	Late PM 3/4			0	0	?	0	Hail
									3/4 inch hail observed in campsite area. Path of hail extended 3/4 mile in east-west direction. Little damage reported to surrounding woods.
Duke and Traunik, Alger County	7	PM			0	0	?	4	Hail - winds
									1 inch hail stripped trees of leaves near Duke, while high winds stripped strawberry plants of buds and leaves at Traunik. Estimated loss \$15,000.
Flint, Genesee County	7	6:30 PM			1	1	0	0	Lightning
									Lightning struck a tree and the two girls as they approached the house. The injured girl was treated for burns to the face and legs, then released.
Cass City 4SW Tuscola County	7	5:51 PM	1/4	20	0	0	3	0	Tornado
									Funnel dipped down briefly, destroyed 12x30 foot shed and damaged farm house. Funnel moved erratically from first the SW and then NW. Lightning caused several power failures and minor fires in this area.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Michigan (continued)									
Cement City, Lenawee County	7	evening			0	6	3	0	Lightning
Lightning struck lightning rod, leaped to TV aerial and then down to console, causing it to explode. The corner of the house also shattered showering fragments throughout the living room. Six children, ages 6-12, were injured by the flying fragments, mostly cuts, were released after treatment.									
Oscoda, Iosco County	9	evening			1	0	0	0	Lightning
Youth struck by lightning, while walking along a stream towards his home in Oscoda Township.									
Alamo, Kalamazoo County	11	2:05 PM			0	0	?	0	Hail - Funnel aloft
A funnel aloft was sighted over Almena and hail, the size of golf balls, did some damage in Alamo Township.									
Ionia, Ionia County	11	2:30 PM			0	0	4	?	Hail - winds
Hail, up to 1/2 inch reported in the Lowell area increased to golf ball size near Ionia, causing damage to fruit orchards and homes. One lady found 4 stones the size of tennis balls on bed after they had smashed through the windows.									
Ithaca 8S, Gratiot County	11	3:30 PM	3	50	1	0	4	0	Tornado
Funnel skipped along ground, demolished a barn 2 miles southeast of Pompeii, trapping a 16-year old boy under it. Funnel moved eastward and is believed responsible for the heavy damage to buildings 2 miles north of Chesaning just before 4 PM.									
Flint 5SW, Genesee County	11	4:00 PM	brief		0	0	0	0	Tornado
Funnel observed to touch down briefly in open area near Schwartz Creek. Moved northeastward. No damage reported.									
Near Sterling, Arenac County	11	5:00 PM			0	1	2	0	Lightning
Bolt struck barn, set roof and hay loft on fire, knocking an elderly woman down as she was watering her chickens. The fire was quickly brought under control and she was treated for cuts suffered in the fall.									
Frankenmuth, Saginaw County	11	5:10 PM			0	3	3	0	High winds
High winds, estimated near 70 mph, toppled booths at the Art Festival in Frankenmuth. Two received minor injuries while one youth crushed under a booth suffered critical head injuries.									
Garden City, Wayne County	11	5:30 PM			0	1	0	0	Lightning
5-year old girl critically injured when struck by lightning in front of her home in Canton Township.									
Michigan, entire state	11	AM-PM			0	0	5	0	Thunderstorms
Lightning, high winds accompanying thunderstorms which moved eastward over the state caused extensive damage in many areas. One of the larger single losses was at Flint where several trailers were tossed about, estimated loss \$40,000. Funnel clouds aloft were reported in many areas of southern Michigan.									
Monroe, Monroe County	11	5:15 PM	Short		0	0	3	0	Tornado
Funnel touched down briefly removing the roof from French Township Fire Department.									
Livonia, Wayne County	18	Late PM	0		0	0	4	0	Thunderstorm
High winds with a thunderstorm flattened 240 feet of a newly constructed masonry wall sometime after 5:30 PM. Total loss was estimated at about \$15,000.									
Midland, Midland County	19	3 PM			0	0	1	?	Hail
Heavy rain, gusty winds produced hail up to 1 inch in diameter at Midland. Storm moved southeastward from the Coleman area where smaller hail fell. Local gardens, flowers and tree leaves suffered some damage from the hailstones.									
Southern Lower Michigan	21-22	7PM-1 AM			0	0	4	0	Lightning-wind-hail
Scattered severe thunderstorms caused spotty damage as they moved rapidly across the state. Near Benton Harbor 1-inch hail was reported, but apparently caused little damage. In theodus area, two houses were destroyed by fire started by lightning, two others damaged. At Pullman, a 100-year old wild cherry tree about 90 feet high was uprooted. At Jackson, many power failures were reported and trees uprooted. Lansing suffered considerable wind damage to trees, a section of apartment roof was blown off at Haslett. Lightning set off a propane gas fire near Ida when it melted the copper tubing a few inches under the ground near the house. Volunteer firemen, still at their posts because of severe weather warnings issued earlier, quickly controlled the fire preventing major damage.									
Michigan (continued)									
Gull Lake, Kalamazoo County	23	6:55 PM			0	0	3	0	Hail - wind
Walnut-sized hail fell at Gull Lake while high winds toppled trees and lightning started minor fires in the area.									
Albion, Calhoun County	23	7:15 PM			0	0	4	0	Lightning
Lightning struck a barn twice with the resulting fire destroying the barn, a grain elevator, 500 bales of straw, 300 bushels of oats, a corn picker and a pig.									
Lansing-Bath, Ingham-Clinton Counties	23	6:30-7 PM			0	0	5	0	Thunderstorms-wind
Peak gusts to 58 mph were recorded at Lansing Airport. In addition to many trees being toppled, heavy rains caused local flooding. At Bath, a 30-foot trailer was demolished, a barn blown over trapping 10 head of cattle. A trailer being pulled near Fowler was blown off the road and a second barn blown from its foundations.									
Southern Lower Michigan	25	AM-PM			1	0	6	0	Heavy rain - flooding
2 to over 4 inches of steady rain following the earlier heavy showers resulted in extensive flooding in southern Michigan. Estimated damage in the Lansing-East Lansing area was \$100,000. About 5 PM, at Miles, an 11-year old boy was drowned when he was swept through a drainage tile by the flood waters. Normally the creek was only a foot deep. Damages to state highways was over \$100,000 while several counties estimated their losses due to road wash-outs at between 30 and 50 thousand dollars. Many small dams were washed out leaving artificial lakes dry in both southwestern and southeastern Michigan. At St. Clair Shores, over 60% of the homes were flooded. Many roads were closed to traffic for several days by the high water. Coldwater had a record 4.55 inches of rain on the 25th.									
Troy and Dearborn Heights, Oakland and Wayne Counties	26				3	0	0	0	Flood waters
19-year old youth was sucked through a storm pipe while trying to swim in the turbulent water at Troy. Three boys tried to ride a picnic table in the flood waters at Dearborn Heights, two drowned in the turbulent waters before reaching high ground.									
Southwest-South Central Lower Michigan	29	10:45 AM-2 PM			0	46	6	?	High winds - hail
Heavy thunderstorms with golf ball-sized hail moved off Lake Michigan causing extensive damage. 16 persons were injured, none seriously, at Norton Shores Shopping Center in Muskegon, where a large section of the Thrifty Acres store roof collapsed. At Grand Haven State Park, at least 30 persons suffered injuries, some hospitalized, as tents and trailers were tossed around and tipped over by the wind. At Grand Haven Airport, 8 planes were demolished, total loss \$150,000. Holland also suffered heavy wind damage. The storms moved eastward with lightning setting fires in the Grand Rapids Area. Wind toppled a 58-foot barn at Marna. Many other buildings were damaged with total estimates reaching near the million dollar mark. Wind speeds of up to 100 knots were reported by Coast Guard boats near Grand Haven. At Coopersville, orchards heavily damaged by wind. At Greenville, a 60-foot trailer was demolished.									
Mason, Ingham County	29	PM			1	1	0	0	Lightning
15-year old boy standing in front of high school was struck by lightning, a second boy beside him was treated for shock and burns, then released.									
Lake Superior	30	PM			0	0	?	0	Seiche
Storm system moving over lake set seiche in motion. L'Anse and Baraga areas suffered minor damage from high water which rose between 5 and 6 feet. Seiche was also observed to a lesser degree in Marquette area.									
Minnesota	4	9:00p			0	0	?	?	Hail, wind
Noyes, Kitten County	Hail 1 3/4 inch, winds 60-65 mph. 9:00p Noyes.								
Carlton 3S, Carlton County	5	6:00p			0	0	4	0	Lightning
Lightning destroyed barn 6:00p 3S Carlton.									
Sartell, Stearns County	7	9:48p	Short	Narrow	0	0	0	0	Tornado
Tornado touched briefly 9:48p near Sartell.									
Hector, Renville County	8	3:15a			0	0	4	0	Wind
Storm cell with strong winds 3:15a at Hector destroyed a parked aircraft on municipal airport and damaged athletic field lights.									

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS		
Minnesota (continued)										
St. Cloud TWW, Stearns County	8	6:35p	Short	Narrow	0	0	0	0	Tornado	
		Tornado touched briefly 6:35p TWW St. Cloud.								
Hubbard and Wadena Counties	7-9				0	0	?	?	Rain, wind	
		Heavy rains on the 7th and 9th. Wadena 5.61, Park Rapids 3.91 and an unofficial 12 inches at Stony Lake caused local flooding in both counties on the 9th. Wind caused minor damage to crops.								
Fergus Falls Airport, Ottertail County	9	7:38p	1/4	20	0	0	4	0	Tornado	
		Tornado touched 7:38p at Municipal Airport destroying one airplane, damaging 3 others and one hangar.								
Iyons, Cottonwood and Redwood Counties	9	8-9:00p					4	4	Wind, hail	
		Wind, hail 8-9:00p did considerable damage to soybeans south of Tracy and west to northwest of Lambert. Damaged 30x90 storage building and equipment at Southwest Experiment Station, University of Minnesota.								
South Central Counties	10	2:30a to 5:00a					4	0	Wind, hail	
		Large storm cell with wind, hail moved eastward from about Watonwan County to Olmsted County between 2:30a and 5:30a. Destroyed barns NW Minnesota, SW of St. James and SW Rochester and destroyed a roller rink tent at Lake Crystal. Rochester 4:30a reported gusts to 60 mph and 3/4 inch hail. Many power poles and trees blown down causing numerous utility outages.								
Coin 1/2 W, Kanabec County	10	4:30p	about	Narrow	1	2	4		Tornado	
		Tornado touched down 4:30p W Coin rolling a mobile home over killing one and injuring two. Cloud moved northeastward 7SE Moza damaging a barn.								
Northern Minnesota	5-12						?	5	Rain	
		Rainfall of 4 to 8 inches between the 6th and 12th throughout Northern Minnesota resulted in overflow of Roseau River and many other streams in Northern Minnesota. This caused flood damage to crops and roads in the Northwest district. The water level of many lakes increased more than 4 feet throughout Northern Minnesota causing loss to resort owners because of flooded access roads and dock facilities.								
DeGraff 3SW, Swift County	13	5:56p	Short	Narrow	0	0	0	0	Tornado	
		Tornado briefly touched down 5:56p 3SW DeGraff.								
Montevideo 7N, Chippewa County	13	6:03p	1 1/2	20	0	0	3	0	Tornado	
		Tornado touched 6:03p 7N Montevideo moved northeast for 1 1/2 miles causing minor damages on two farmsteads.								
Tracy, Iyons County	13	6:50p	13	150	9	125	6	7	Tornado	
		Severe tornado formed and touched 6:50p NE Lake Sarah moved northeastward 13 miles at 35 mph lifting 7:13p. Striking Tracy 7:00p killing 9 persons, injuring 125, destroying 111 houses, major damage to 21 and minor damage to 117, 13 farms and 10 businesses were destroyed or heavily damaged. Pictures were taken, also series. Tornado was observed greater than 20 miles in all directions.								
Chaska 3SW, Carver County	13	6:50p	Small	Narrow	0	0	?	0	Tornado	
		Tornado touched down briefly 6:50p 3SW Chaska damaging several houses.								
Breinerd 16SE, Crow Wing	13	8:11p	Small	Narrow	0	0	0	0	Tornado	
		Tornado touched 8:11p 16SE Breinerd								
Central Minnesota	13	Evening					4	5	Hail, wind, rain	
		Other than the above reported tornadoes and funnels severe hail, wind and heavy rain occurred on the 13th causing widespread damage to crops and property over central Minnesota. Hail damage to crops severe in Chippewa, Swift, Kandiyohi and Meeker Counties. Hail 2-1/2 inch at Kerkhoven. Winds blew off the grandstand roof at Cannon Falls, many minor damages reported. Local flooding general throughout the area.								
Remer, Cass County	16	8:00P			0	1	0	0	Lightning	
		Lightning struck metal boat north side of Boy Lake critically injuring one person.								
Luverne 6S, Rock County	17	Evening			0	0	0	4	Hail	
		Storm cell with golf ball hail moving to SE produced a 2 mile wide strip and damaged crops 6S Luverne, extending into Iowa.								
Waterville 4NW, Le Sueur County	20	7:00a	1-1/2	5			3	4	Hail	
		Hail 1 to 2 inches 7:00a 4NW Waterville caused near 100% loss to crops on several farms and minor damage to roofs of buildings. Path 5 miles long 1-1/2 miles wide moving to northeast.								
Minnesota (continued)										
Faribault 15NW, Rice County	20	9:05p	18	Narrow	0	0	4	?	Tornado	
		Tornado touched 9:05p 15NW Faribault destroying machine shed moved southeastward destroying a barn and corn crib near Cannon City at 9:30p.								
St. Charles 7NE, Winona County	20	11:10p	Short	Narrow	0	0	3	0	Tornado	
		Tornado 11:10p briefly touched down 7NE St. Charles destroyed barn and caused minor damage to other farm buildings.								
Scott, Rice, Dakota, Goodhue, Wabasha, Olmsted and Winona Counties	20	8:30p to 11:30p	120	20MI.	0	0	5	4	Wind, hail	
		Strong storm cell between 8:30p and 11:30p with wind and hail 20 miles wide and 120 miles long moved southeastward also spawned 2 tornadoes (reported above). Winds destroyed trailer house at Elko and a new garage at Lakeville. Many minor damages to farmsteads, homes and businesses reported. Hail was scattered throughout the path of storm. Hail 2 inch caused severe damage to windows and automobiles in Northfield at 9:15p. Crop damage near Jordan, Belle Plaine, Farmington, Elgin and St. Charles reported.								
Hennepin, Ramsey and Washington Counties	20	Evening			0	2		0	Wind, Hail	
		Large thunderstorm cell with winds toppled a scaffold about 8:00p injuring two persons at St. Paul. Winds, hail caused minor damages during early evening throughout area. 60mph winds reported in Northeast St. Paul.								
Central and Southern Minnesota	21	1:00a to 5:00a			0	1	6	?	Wind	
		Severe winds storm with 40-100 mph winds, 1:00a to 5:00a occurred in Central and Southern Minnesota. Strong winds 80-100 mph 60 miles wide strip from Pipestone County to Faribault County. Winds injured one person, killed 60 head of livestock, destroyed 15 barns, hundreds of smaller out buildings, small hangar and airplanes at Luverne, several trailers, homes, caused major or minor damage to hundreds of farmsteads, homes and businesses. In several areas almost everyone sustained some damage. Telephone and utilities were out of service for many communities.								
Bricelyn, Faribault County	23	1:05a					2	?	Hail, wind	
		Hail 1-3/4 inch 1:05a at Bricelyn. Wind caused minor damage to a barn NW Albert Lea early am.								
Finlayson 7SW, Kanabec and Pine Counties	30	4:00p	10	50	0	0	3	0	Tornado	
		Tornado touched down northeast of Warden destroyed a barn and silo. Moved northeast for 10 miles damaging at 4:00p a home 7SW of Finlayson.								
Hinckley, Pine County	30	4:30p	1	15	0	0	2	0	Tornado	
		Small tornado briefly touched down 4:30p over Hinckley causing minor damages.								
Strandquist, Marshall County	30	Evening			0	0	4	0	Wind, rain	
		Wind, rain evening near Strandquist killed 2,000 turkeys.								
FUNNEL CLOUDS REPORTED DURING JUNE										
	8	5:55p	Hickory	4SW, Kandiyohi County	Dissipated 6:08p.					
	8	7:05p	St. Cloud	5SW, Stearns County						
	8	7:45p	Constock	CLAY County, 3 funnels sighted.						
	9	Evening	Wadena	Wadena County						
	10	12:20p	Benesh	5SE, Swift County						
	10	12:40p	Benesh	10S, Swift County						
	10	12:40p	Terrace	Pope County						
	10	2:00p	Collegeville	Stearns County						
	10	3:55p	Tracy	10E, Redwood County						
	11	12:00p	St. Francis	4S, Anoka County						
	13	5:28a	Felichon Rapids	Ottertail County, 2 funnels sighted.						
	13	5:48p	Clara City	10W, Chippewa County						
	13	5:00p	Waldorf	Wascona County, funnel moved northeast to west of Waseca						
	13	7:16p	Northington	7SE, Nobles County						
	13	7:20p	Northwood	Carver County						
	13	7:55p	Belle Plaine	10SE, Scott County						
	13	7:55p	Luxemburg	west, Stearns County						
	13	8:00p	Oatman	Steele County, numerous funnels reported.						
	13	8:40p	Mora	2W, Kanabec County						
	13	8:28p	Forest Lake	northeast, Chicago County						
	13	9:10p	Remond	Freeborn County						
	13	11:25p	Zumbrota	2E, Goodhue County						
	20	6:12p	Breinerd	6S, Crow Wing County						
	20	7:10p	Pierz	15W, Crow Wing County						
	20	7:19p	Iale	Millie Lake County						
	30	2:05p	St. Cloud	6S, Stearns County						

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JUNE 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Mississippi									
Hancock and Harrison Counties	11-12	Afternoon			0	0	?	?	Wind
	High winds (estimated up to over 70 mph in gusts) accompanied by heavy rain during afternoon thunderstorms caused wind damage in parts of Delisle and White Cypress Communities and other areas in Hancock and Harrison Counties; Pass Christian newspaper described damage as "little or only minor" for both days. The Delisle area experienced heavy winds both days (additional information in separate listing). Newspaper published in both areas trees were heaviest hit by the winds. Damaged buildings were miles apart; there were reports of high winds that uprooted trees in the vicinity of Hancock North Central High School and the White Cypress community and damaged trees at Heaise Crossing on 11th. Between about 2:00 and 3:00 pm CST, about 5 miles from Delisle, man reported wind ripped metal sheathing off barn roof, he said "... it was so rough out there you could hardly see in front of you," and 40 acres of pecan trees were severely damaged. Near the Dedaux Community a horse inside a barn was unharmed when the roof of the barn and two walls blew off, tree limbs were reported strewn over wide areas in and near Dedaux. A house north of Kila lost its front porch and the bedroom roof, and lightning struck trees in the front yard. On the 12th Pass Christian Civil Defense Director reported storm, 4:00-5:30pm CST, which affected "Delisle, Miss., and West end of Pass Christian and Dedaux in Hancock County." About 4:40 pm CST heavy rain and heavy winds were reported at Mississippi City, Harrison County (Oulport-Biloxi area); large limbs from trees were blown off.								
Harrison County	11	1:30 pm-2:30 pm	?	?	0	0	?	?	Tornado
	Occupant of Delisle residence which probably suffered most said damage occurred between 1:30 and 2:30 pm. As lightning frightened children, 3 women and 5 children gathered in front where window was open. "...real smoky blue cloud came swirling into house, it came through there like a big cloud of blue smoke," owner said, and "it came suddenly." She compared its roaring sound to that of a rolling train. Woman next door saw pieces of damaged house flying through air. Porch was reported destroyed; roof ripped off bedroom, dining room and front room, and water dumped into house; power lines were damaged. Another Delisle woman said it was "really rough up here... I don't know that I've ever seen wind that had swept in a hurricane"; she reported tree limbs downed in her neighborhood but no real damage.								
Lafayette County	11	3:50 pm			0	0	?	?	Wind
	Highway Patrol reported few trees across highway near Abbeville (lat. 34.5°N, long. 89.5°W), blown down during thunderstorm with high winds.								
Laflore County	11	About 5 pm			0	0	0	0	Hail
	Some Greenwood residents reported hail the size of ping-pong balls, while other Greenwood areas noted stones the size of a "pebble". No report of hail damage to crops or property. Newspaper mentioned 0.22 inches rain fell in a 10-minute period during thunderstorm.								
Rankin County	12	4:10 pm			0	0	?	?	Wind
	During large thunderstorm, roof blown off chicken coop and trees blown down 2 S Brandon (lat. 32.2°N, long. 90.0°W). Radar indicated thunderstorm 10 SE Brandon at 5:00 pm CST.								
Delisle	12	About 4:20 pm			0	0	?	?	Tornado
	Short narrow line of thunderstorms from Crosby eastward to State Line moving southward. At 4:00 pm CST radar indicated heaviest activity along a line 5 miles wide from Lucedale, Miss. southwestward to Hammond, La. HANCOCK COUNTY: The cooperative observer at Standard indicated precipitation from about 4 to 5:15 pm CST and noted "Severe thunderstorm; hail melted as it fell to ground, small twigs and tree tops were twisted off, and tops of buildings were blown off." HARRISON COUNTY: During thunderstorm a small funnel was reported to Highway Patrol as having touched down, about 4:20 pm CST, at Delisle (lat. 30.4°N, long. 89.3°W). It went through a field; the only damage reported was to crops on one farm. By 6:00 pm CST radar indications were that most of the thunderstorm activity that had been occurring was moving out into the Gulf of Mexico.								
Jackson County	12	5:45 pm			0	0	?	?	Wind
	Civil Defense (at Pascagoula) reported that during heavy thunderstorm with severe lightning, power lines were downed at Moss Point (lat. 30.4°N, long. 88.5°W).								
Vicinity Biloxi	16	7:05am							Waterspout
	Waterspout reported vicinity Biloxi (lat. 30.3°N, long. 88.9°W).								
Alcorn County	16	7:30 pm			0	0	3	0	Wind
	Wind damaged Highway Patrolman's home, 6 NE Corinth, (lat. 35.0°N, long. 88.4°W). No injuries, approximately \$700 damage.								
Franklin County	17	About 2:45 pm 3:30 pm							Funnel Cloud Aloft
	Pilot reported funnel cloud about 2:45 pm CST Bude, 24 NW McComb (lat. 31.5°N, long. 90.5°W); no damage located. About 3:10 pm CST public reported funnel cloud moved northward 30 NW McComb (lat. 31.0°N, long. 90.7°W). About 3:30 pm newspaper indicated, number of persons sighted funnel cloud between Bude and Berrytown; no damage reported. Local speculation that it dissipated in dense forest area just south of Bude and across the Homochitto River. There is a smoke stack which at times produces a heavy column of smoke; this smoke may be responsible for some of these reports.								
Lincoln County	17	4:15 pm							Hook Echo
	Radar showed hook echo SW Brookhaven.								
Mississippi (continued)									
Hinds County	17	4:24 pm			0	0	?	?	Wind
	Some property damage and short-lived flash flooding in small section SW Jackson (lat. 32.8°N, long. 90.1°W) from severe thunderstorm with spectacular lightning. Some portions of city received rain for only few minutes; rain fell heaviest in SW Jackson; streets wash in low sections and traffic signals inoperative. Electric power disrupted for some 2000 up to 2 hours. A few utility poles in a row were leaning and nearly uprooted; it may have been lightning that damaged poles. An empty house trailer was overturned during deluge.								
Hinds County	17	4:26 pm							Turbulence
	Pilot at 9000 feet reported extreme turbulence, heavy rain, moderate hail 25 NW Jackson (lat. 32.5°N, long. 90.5°W).								
Forrest County	18	6:35 pm			0	0	?	?	Wind
	Severe thunderstorms reported over Hattiesburg Airport 6:35 pm CST moving toward NE at 5 mph. High winds and lightning disrupted electrical and telephone services at Hattiesburg (lat. 31.3°N, long. 89.3°W). Highway Patrol reported some trees down, one on car, another across road; several houses damaged and most power lines down in southern Hattiesburg. Approximately 600 customers without lights for 1/2 up to 3 hours; about 300 telephones out of order. The electrical display and winds did not last long but rain continued well into night. At Airport there was pebble sized hail, winds gusting up to 104 mph and caused slight damage to a private plane. Radar at 8 pm CST indicated thunderstorm nearly stationary and beginning to weaken.								
Hinds County	19	1:45 pm-2:50 pm			0	0	?	?	Wind
	Wind damage to trees. Public reported severe thunderstorm just south of Utica (at 1:45 pm CST) moving NE about 10 mph. Sheriff reported trees blown down 1:45 pm across Highway 18 at 2 S Utica (lat. 32.1°N, long. 90.6°W). About 2:50 pm CST public reported hail and wind damage to trees in West Jackson (lat. 32.3°N, long. 90.1°W), in past 15 minutes. Radar at 3:45 pm CST indicated thunderstorm had weakened.								
Warren County	19	1:56 pm							Funnel Cloud Aloft
	Pilot reported funnel cloud vicinity Vicksburg (lat. 32.3°N, long. 90.9°W). No reports received of damage or evidence that it touched ground.								
Mississippi Sound	21	1:26 pm							Waterspout
	Pilot reports waterspout over water south of Pascagoula (lat. 30.4°N, long. 88.6°W).								
Missouri									
Holt and Nodaway Counties (Big Lake Park to Maryville)	10	3:20 - 4:30 PM						5	Wind, Hail, Rain
	A severe thunderstorm with damaging winds estimated between 65 and 75 miles per hour moved across Holt County from the Big Lake State Park-Fortescue area northeastward south of Bigelow, south of Mound City-Maitland to Maryville in Nodaway County. Damage was heaviest in the south portions of Big Lake Park and north of Fortescue where three trailers and three barns were destroyed and twenty-five cabins heavily damaged. Portions of walls and roof of the Maryville Airport hangar were destroyed.								
Northwest Missouri	10	3:30-7:00 PM							Wind, Hail, Rain
	Minor tree damage, downed power lines, minor structural damage. Small hail, and one to three inch rains occurred at several locations in northwest Missouri, in addition to the more severe storm listed above. The reports were most numerous northwest of a line from Kansas City to Princeton.								
Montrose, W (Eastern) Bates County	11	Near Midnight			100			3	Tornado
	An apparent small tornado cut a 100-yard wide swath of complete destruction through a north-south line of trees along Highway H, 1/2 mile west of the Bates-Henry County line.								
Montrose to Coal Henry County	11	Midnight-1:00 AM						4	Hail, Wind
	A severe thunderstorm produced considerable hail damage across southern Henry County through the Montrose-Deepwater-Golden Gate and Coal areas. "Golf ball" size hail reports were common, producing total loss of many crops, substantial glass breakage in homes and cars, and minor structural damage.								
Marshall Jct., Saline County	11	1:00 AM	3	1/2 mi.				4	Hail, Wind
	A hailstorm covered the ground with small hailstones, uprooted trees, destroyed crops and caused minor structural damage along a one-half mile wide strip from Interstate 70, 1 mile west of U.S. 65 northeastward.								
Southeast Missouri	11	11:00 AM-1:00 PM						5	Wind, Hail
	Extensive crop damage due to hail up to "golf ball" size occurred in portions of Dunklin, New Madrid, and Pemiscot Counties. Hardest hit were the Campbell, Carwell and Arbyrd and Senath areas.								

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Missouri (continued) Jackson County	14	5:00 - 7:00 PM			4	4			Wind, Hail, Rain
									Hail storms crossing the Kansas City Metropolitan area, particularly southern and eastern Jackson County, produced stones up to 2 inches in diameter, local floodings and spotty wind damage, with gusts estimated at 50 miles per hour. Four people injured as a motel canopy collapsed during the storm.
Macon and Shelby Counties	14	4:00 PM - 9:00 PM					3	4	Wind, Hail, Rain
									Damaging hail storms began about 10 miles northeast of Macon and extended through the areas just south of Isonard and north and northeast of Bethel. A small barn was destroyed on Route 11, nine miles east and four miles south of Atlanta. Hail up to golf ball size and unofficial five-inch rains destroyed crops along a 4-mile long swath north and northeast of Bethel.
NOTE: The following storm "Candy" associated severe thunderstorms in southern Missouri moved nearly due north. The three tornadoes in Howell and Texas Counties and the activity three miles southeast of Norfolk, Arkansas and near Gery, Arkansas fall along a single line bearing 050 degrees. The tornadoes in Oregon and Shannon Counties show similar possible association.									
West Plains, 12 W Howell County	24	5:00 PM				4			Tornado
									A small northward moving tornado destroyed three large turkey barns and extensively damaged five other buildings on a farm on Route CC 12 miles west of West Plains. Over 1,000 turkeys and four cows were killed.
Simmons Area Texas County	24	5:50 PM	5	200				4	Tornado
									A tornado caused destruction and damage to barns, outbuildings homes and timber on 16 properties from a point 3 miles south of Simmons to a point 2 miles north and 1/2 mile west of Simmons.
Licking, WSW Texas County	24	6:15 PM	1/2					2	Tornado
									A small tornado was observed touching down briefly at the Route BB Bridge of the Big Piney River (3 miles south and 6-1/2 miles west of Licking.) Only timber and crops were damaged.
Oregon County (Near Thayer)	24	5:00 PM	2					4	Tornado
									A tornado destroyed or heavily damaged barns, outbuildings and timber on four farms beginning at the State line 2 miles south and 3-1/2 miles west of Thayer, Missouri, extending northward for 2 miles.
Birch Tree (Near) Shannon County	24	5:55 PM	1					3	Tornado
									A northward moving tornado touched down at U.S. 60 2-1/4 miles east of Birch Tree, Missouri, damaging roofs, residences and outbuildings and destroying timber on two farms and one business-residence along a one-mile path. A previous brief touchdown may have occurred in connection with isolated damage at a farm 4 miles to the south.
Central Missouri	24	9:00 PM - 25 3:00 AM						4	Torrential Rains
									The remnants of tropical storm "Candy" brought 2 to 5 inches of steady moderate to heavy rain without thunder for a four-hour period along a 50-mile wide swath centered on a line from Warsaw to Columbia to Quincy, Illinois. Local flooding on minor streams was common. This same system produced the tornadoes and severe thunderstorms in southern Missouri emperated previously.
Montana Lewistown (west of) Fergus County	10	5:10 P							Funnel Cloud
									The cloud was sighted 25 to 30 miles west of Lewistown 5:10 to 5:11 P. The funnel was just distinguishable at the bottom of the cloud. Approximate duration 45 seconds and then it was drawn back into the cloud. No rain, hail or gusts were observed at the station at the time of the sighting nor for the next half hour. A thunderstorm was reported the hour previous to the sighting.
Browning (north of) Glacier County	11	Afternoon			1	0	0	0	Lightning
									A man and the horse that he was riding were killed by a lightning strike. Two grandchildren riding nearby were uninjured.
Billings, Yellowstone County	13	12:30 P			0	0	4	0	Thunderstorm, High Wind, Hail
									The wind damage was confined to the city area with many small losses to buildings, and heavy damage to trees. Very little crop damage in the farm area of Yellowstone County. The fastest mile observed at the WBA's was an estimated 79 mph. Numerous thunder-showers occurred over most of the southern part of Montana on this date.
Kirby, Big Horn County	13	2:00 P	8	*1/2	0	0	2	3	Tornado, Hail Thunderstorm
									A small funnel cloud dipped down and uprooted two REA poles along Rosebud creek and then followed along a ridge for a way, but
Montana (continued)									otherwise caused little damage. Average size of hailstones 3/8 inch, the largest 3/4. The ground was white with hail with drifts of 3 inches. Hail damage in an area approximately 1 1/2 x 1/2 miles. Some hail damage 8 miles away.
Flatwillow 4 ENE, Petroleum County	13	Noon							Funnel Cloud
									A funnel cloud was observed for a short time during a thunderstorm.
Volborg, southern Custer County	20	4:00 P	30	*14	0	0	2	5	Thunderstorm, High Wind, Hail
									Average diameter of hailstones 1/2 inch, some as large as an inch. There would have been little hail damage, but the stones were driven by a high wind which flattened crops.
North Fergus County	20	5:00 P			0	0	0	5	Hail
									Hail damage was spotty with some heavy damage to a few fields. Size of hailstones 1/2 to 3/4 inch.
Ekalaka, Carter County	20	5:00 P	25	*	0	0	0	4	Hail
									The storm covered an area from west to southeast of Ekalaka. The hailstones were up to 3/4 inch diameter.
Eastern Teton and southern Chouteau counties	23	Noon			0	0	0	4	Hail
									Average size of hailstones 1/2 inch, largest 1 inch.
Lewistown (north of) Fergus County	25	2:55 P							Funnel Cloud
									A pilot of a private aircraft observed a funnel cloud 30 to 40 miles north of Lewistown 2:55 P to 2:59 P AOT.
Nebraska Panhandle	4	Night	15	1-3*	0	0	0	4	Hail
									Scattered areas from Lyman to 12 miles south of Hay Springs. Heaviest hail in northern Box Butte County where some fields had 90% to 100% damage.
Northern Panhandle	5	Evening (8p-10p)	100	60*	0	0	3	4	Hail, damaging winds
									Small hail was accompanied by high winds which destroyed a number of farm buildings. Individual hail strips ranged up to 3-7 miles wide and 20-25 miles long.
Southern Panhandle	6	7:30p	50	1-2*	0	0	5	4	Damaging winds, hail
									Severe thunderstorm moved into State of Wyoming. Winds destroyed grain bins, garages, storage buildings, etc. in Bushnell. Hailstones 1 3/4" diameter. Winds decreased but hail fell at scattered points east-northeastward as far as Dalton.
Scottsbluff Co. to Sheridan Co.	6	6-8p	100	Narrow	0	0	4	4	Hail
									Hail fell at scattered points along a 100-mile path extending east-northeastward from the Gering vicinity. Largest strip and heaviest hail fell at Sandos ranch 2 1/2 miles WNE of Ellsworth. Complete destruction in 3/4 mile by 2 mile strip. Groves, orchards, crops, etc. destroyed. Buildings, corrals, fences, power lines, etc. severely damaged.
Keya Paha Co.	7	Evening			0	0	4	4	Hail
									Severe hailstorm in vicinity of Healdville about 6p lasted for 10-15 minutes with stones ranging from 1 1/2 to 3 inches diameter. Considerable building, automobile, and crop damage. Light hail was reported at Ainsworth, Mullen, and other points in the Sandhills.
Cheyenne Co. to Keith Co.	7	Evening	90	10"	0	0	4	5	Hail and damaging winds
									Several separate storm cells near Potter and Dalton with stones ranging from an inch to 1 3/4 inches. Lack of wind minimized damage. Most damage done from storm that entered southeastern Deuel Co. about 8p from Colorado and then moved northeastward to Lake McConaughy. Small stones accompanied by high winds destroyed wheat in path 2 1/2 miles wide. Winds overturned trailers, campers, and cabins at the lake.
Southwestern and South Central Nebraska	8	Afternoon			0	0	4	5	Hail, damaging winds
									Numerous hail storms during mid and late afternoon. Sites included areas near Madrid, Hayes Center, McCook, Edison, Bertrand, Smithfield, Lexington, and Oconto. Stones ranged mostly from small up to 1 1/2", but some up to 2 1/2" were reported 6 miles north of Hayes Center. One inch stones to a depth of 2 inches at Smithfield. Strips were mostly narrow to a mile wide and 2 to 4 miles long. Wind damaged greenhouse near McCook and blew down several farm buildings in the Lexington area.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Nebraska (continued)									
Panhandle and North Central Nebraska	8	Evening			0	0	6	5	Hail
<p>Numerous isolated reports of hail damage mostly along or near a line from Banner Co. to Keya Paha Co. Sites included, but not limited to, Dalton, McGrew, Alliance, Kilsworth, Page, Hillen, Purdum, and Springview as well as near Agate and Harrison farther to the northwest. Storm severity varied from extreme at Bayard and Page to light at many sites. Property damage in Bayard alone estimated at a half million dollars. Bayard reported 3" stones and high wind. At Alliance stones were generally 1 3/4" but ranged up to 3" with some conglomerate chunks up to 4". Near Page hail accumulated to 8 to 10 inch depth on level ground.</p>									
Thurston Co.	8	?	10	1-3*	0	0	0	4	Hail
Central Nebraska	9	7p - 9p	160	40*	0	0	4	0	Damaging winds
<p>From Adams and Buffalo Counties north-northeastward to Knox County. Damaging winds that resulted in downed trees and power lines and unroofed farm buildings throughout area. Gusts to 75 miles per hour measured at Hastings.</p>									
Hall County	9	6:55 p			0	0	0	0	Funnel cloud
<p>Sighted 5 miles SW Cairo.</p>									
Herrick County	9	Evening			0	0	0	0	Tornado
<p>Touched down briefly in open field near Palmer.</p>									
Butler County	9	5:30p	2	3/4*	0	0	2	3	Hail
<p>Stones generally 1/4" to 1/2" but some up to 1" diameter. Ground covered to 1" depth. Located northeast of David City.</p>									
Thayer County	9	9:30 - 10 p	7	2*	0	0	3	4	Hail
<p>Southeast of Deshler and west of Hebron. Stones 1/4" to 1/2".</p>									
Southeastern Nebraska	10	3p-4p	70	15*	0	0	4	0	Hail, Damaging Winds
<p>Small hail fell at scattered points from Jefferson to Richardson County but did little or no damage. A severe thunderstorm with strong winds moved northeastward across the extreme southeast corner of Nebraska about 3:15 pm. Garages, barns, trees, etc. damaged by winds in the Halo-Falls City area.</p>									
SW Hastings	10	7:50p			0	0	0	0	Funnel cloud
Adams and Clay Cos.	10	6:15-8p	20	Narrow	0	0	0	4	Hail
<p>Half-inch hail covered ground in strip 1 mile wide by 4 miles long northeast of DeWesse about 6:15 pm. Some 1 1/2" stones fell in small area 6 miles west of Hastings about 8 pm.</p>									
Fillmore and Seward Counties	13	About 5p	12	2*	0	0	0	5	Hail
<p>A 1 by 10 mile strip near Geneva and a 2 by 12 mile strip north of Milford. Most stones 1/2 to 3/4" but some up to 1 3/4" diameter. Ground covered to 1" depth.</p>									
Northern Nebraska	13	5:30p-9p			0	0	4	5	Hail, Damaging Winds
<p>Widespread severe small hail, heavy rain, high winds in Pierce, Wayne, Dixon, and Dakota Counties. Stripes about a mile wide and 8-12 miles long. Stones ranged from 1/2" to 1 3/4" diameter. Ground covered in centers of stripes. Hail accompanied by high winds which did some tree damage and overturned trailer houses.</p>									
Bellevue-Millard Area	13	9:25 p			0	0	4	0	Damaging Winds
<p>Strong winds unroofed large garage building, overturned two cars and three airplanes. Some scattered tree and shingle damage.</p>									
Dundy County	15	Evening			0	0	0	4	Hail
<p>Scattered small areas in vicinity of Haigler and Paris. Stones ranged up to 2" diameter.</p>									
Southern Panhandle	16	1 am	90	30*	0	0	0	5	Hail
<p>Widespread severe small hail, heavy rain, high winds in Scottsbluff valley from Lyman to Halbeta with scattered smaller areas southeastward into Cheyenne and Deuel Counties. Stones mostly 1/4" diameter.</p>									
Wheeler Co. to York Co	17	3p - 7p	90	40*	0	0	5	6	Hail, Damaging Winds
<p>A large and severe storm cell moved south-south-eastward from the Bartlett area about 3p traveling approximately 20-25 MPH reaching the Hampton-Henderson area about 7p. Hail and damaging winds were reported along the entire path which included portions of Wheeler, Greeley, Boone, Nance, Howard, Merrick, Hamilton, and York Counties. Cell described by pilots as 40-50 miles in diameter. Main damage path 10-15 miles wide with fringe area hail stripes extending another 10-15 miles along either side. Individual hail stripes within the main path were generally 1-4 miles wide and 12-25 miles long; the fringe stripes were smaller. The bulk of the hail was from 1/2 to 1" in diameter but nearly all points receiving hail in the main path reported some stones 1 3/4" to 2".</p>									
Nebraska (continued)									
Hitchcock Co.	17	About 4p	?	?	0	0	3	4	Hail
<p>Hail up to 1 3/4" diameter damaged crops and some roofs in Palisade and Culbertson area.</p>									
W S Cozad	17	5:50 p			0	0	4	0	Tornado
<p>Short Narrow Tornado destroyed large barn and other farm buildings. Formed in connection with severe hail storm described in next item.</p>									
Eastern Frontier and Cooper Counties	17	4:30p-7p	15	2-3*	0	0	4	5	Hail, Damaging Winds
<p>Intermittent hail with some very large stones. Stones 1" diameter were common and many places received hail up to 3" diameter. A few 3 1/2" to 4" stones were measured. Storm centered in Battle-Elwood area.</p>									
Furnas County	17	Evening			0	0	4	4	Hail
<p>Short Narrow Small amount of 1 3/4" hail fell in and near Oxford.</p>									
Rock County	17	6:30p			0	0	3	3	Hail
<p>Short Narrow Hail stones 3/4" diameter covered ground to depth of inch in and around Bassett.</p>									
Buffalo County	17	7p	40	3*	0	0	0	4	Hail
<p>Two cells, one 7 miles north of Kearney, other 5 miles east of Kearney. Stones mostly 1/2" diameter, but ranged up to 2 1/2".</p>									
Kearney County	17	Evening			0	0	0	0	Two Funnel Clouds
<p>Two funnel clouds sighted in Minden area.</p>									
Near Minden	17	8:10p			0	0	4	0	Damaging Winds
<p>Short Narrow Trees uprooted, grain bins, hog sheds, etc. blown down.</p>									
Gage County	18	Evening	10	Narrow	0	0	0	4	Hail
<p>Hail reported in Liberty-Barnston-Wymore area. Stones mostly small but ranged up to 1 3/4" in Wymore.</p>									
Near O'Neill	21	Early Morning	?	?	0	1	3	0	Tornado
<p>Struck just after midnight. Lifted and carried man and small farm buildings. Man injured when dropped from estimated height of 25 feet.</p>									
35 SSW North Platte	22	Before 7:15p	?	?	0	0	?	?	Hail
<p>Stones 1 3/4" diameter. No further information.</p>									
Howard County	22	11:40p			0	0	0	0	Tornado
<p>Tornado touched down near Cushing. No further information damage reported.</p>									
Near Verdigre	22	8:34p			0	0	0	0	Tornado
<p>Short Narrow Touched down briefly, no damage.</p>									
Northern Nebraska	22	Evening			0	0	0	0	Funnel clouds
<p>Several funnel clouds sighted during evening in Pierce and Winneka vicinities.</p>									
Knox County	22	9p to 9:15p			0	0	4	0	Damaging winds
<p>Very strong winds in and near Crofton lasting for about 15 minutes blew down tree limbs, overturned housetrailer, damaged roofs, and destroyed sheds, etc.</p>									
Buffalo and Hall Counties	23	Evening			0	0	0	0	Funnel Clouds
<p>Several funnel clouds sighted in eastern Buffalo and Hall Counties.</p>									
Central and South Central Nebraska	23	Evening and Night			0	0	5	6	Heavy rain, scattered hail, local damaging
<p>A large area of severe convective storms (repeated on 24th) resulted in damage from flooding, winds, hail, high winds, and excessive precipitation. The main area included all or portions of the following counties: Sherman, Howard, Merrick, Polk, Buffalo, Hall, Hamilton, York, Kearney, Adams, and Clay. Scattered severe thunderstorms occurred elsewhere in the State. The individual strips of damage from hail, wind, and pounding rains defy delineation and are too numerous to list. Some funnel clouds were sighted and one tornado (listed below) was identified in the main area of the storm. Crops in a great acreage suffered 100% loss as a result of the combined causes. Some farm buildings blew down, but wind damage was not exceedingly great in this respect. Winds did increase crop damage. Property loss to farm equipment, buildings, bridges, culverts, roads, etc. was more accountable to flooding, inundation, erosion, and silt than to wind or hail damage. Hailstones were not unusually large with the majority being in the 1/2" to 1" diameter range.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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				
Nebraska (continued)										New York												
		The total dollar loss from all causes ran into the millions. The estimates in this report are based on an attempt to assign damage due to direct weather cause (hail 65%, wind 25%, rain 10%) and do not include damages from resulting effects such as flooding, etc.										9	p.m.							4		Electrical, wind
Grand Island	23	9:02p	Short	Narrow	0	0	0	3	Tornado	Warren and Madison Counties										Thunderstorms occurring widely in eastern and central sections of the State caused extensive local damage to widely separated areas. Home heavily damaged by lightning fire at Warrenburg, Warren County. Numerous power failures as winds and lightning downed wires and trees. Hail golf ball-size in village of Lake George but damage minor. Later in the day violent wind gusts hit a farming area about mid-way between Hubbardville and Foxville in southern Madison County. Cattle shed unroofed, walls flattened and roof blown some distance. Half dozen large trees blown over. Heavy rain reported short distance south of wind damage.		
Central and South Central Nebraska	24	Evening and Night			0	0			Heavy rains, etc.	South Central	10	p.m.					5	4	Rain, flooding	Heavy downpours affected central sections of southern tier from Cheyenne to Delaware Counties during afternoon hours. Most serious was rapid flash flooding of creeks in and near the villages of Elmore Center, Northfield and Franklin in Delaware County, caused by a cloudburst about 3:15 p.m. Several families surrounded; numerous basements flooded, streets and roads inundated or washed out as many acres of hay, corn and grain crops heavily damaged around these villages. College library flooded at Elmore Center causing considerable damage to books, etc. Heavy rains in southern outskirts and suburbs of Elkhira resulted in widespread flooding as winds downed trees, limbs and power lines. Section of highway washed out near Waverly, Nioga County.		
Hayes, Frontier, Red Willow, Furnas Cos.	24	Afternoon and Evening			0	0	4	5	Hail and damaging winds	West and Central	11-12	p.m. to p.m.					5		Electrical, wind rain	Locally severe thunderstorms beginning in extreme western counties late evening of 11th continued through early morning hours of 12th, spreading to central sections later in the day. Lightning-caused fire heavily damaged one house and light damage to another at Lockport, Niagara County. Winds snapped 4800-volt power line at Salamanca, Cattaraugus County, resulting in widespread power outages in area. Second heavy rain in two days in Elkhira area with extensive flooding of streets, low lying areas and basements. Late afternoon of 12th strong winds hit Lake Delta area, near Bone, Oneida County. Two walls demolished of cement block tool shed, two homes extensive roof damage from fallen trees, silo unroofed and several boats capsized by high waves on Lake Delta. Wind gusts 45 mph.		
Custer County	24	4:30p - 5p	6	2*	0	0	3	4	Hail	Eastern Nebraska	24	8p-10:30p			0	0	0	0	Funnel Clouds	One sighted near Mickerson at 8p and one at Oakland at 10:30p.		
Washington County	24	6:40p	?	?	0	0	0	0	Tornado	Washington County	24	11:30p	?	?	0	0	0	0	Tornado	Sighted 15 miles west of Elkhira—no damage.		
Eastern Nebraska	24	8p-10:30p			0	0	0	0	Funnel Clouds	Burt County	28	11:30p-Midnight	4	1*	0	0	0	4	Hail	Three-fourths inch hail fell in Oakland vicinity. Storm moved from northwest to southeast.		
Washington County	24	11:30p	?	?	0	0	0	0	Tornado	Cherry County	29	10:40p	?	?	0	0	0	0	Tornado	Sighted 5 miles west of Valentines. No damage reported.		
Burt County	28	11:30p-Midnight	4	1*	0	0	0	4	Hail	Nevada									None reported			
Cherry County	29	10:40p	?	?	0	0	0	0	Tornado	New Hampshire Southern	3	P.M.			0	0	3	4	Hail, lightning	Thunderstorms dropped large hail in some areas, with diameters reported up to 1 3/4ths inch at Webster and near 1 inch at Blackwater Dam. Hail covered the ground in some areas. Lightning caused utility outages and damaged some buildings.		
										State	28	early A.M.			0	0	4	0	Wind	Widely scattered wind damage. Falling limbs caused utility outages in some communities.		
										New Jersey Statewide	12	P.M.					5		Heavy rain.	Very heavy rains fell over much of the State during the afternoon and evening of the 12th. Many areas reported from 3 to 5 inches of rain for the storm total. Some localities reported 75% of the month's total rainfall in that storm.		
										New Mexico Roswell	4	7:50 p.			1	0	0	0	Lightning	One person killed by lightning strike near tree at residence.		
										Las Vegas	16	4:05 p.							Hail	Hail to 1-inch diameter. No damage reported.		
										Raton	16	5:15 - 5:45 p.	4	1300	0	0	5	0	Hail	Hail to 1-1/2 inch diameter, with average diameter of 1/4 to 1/2 inch, accumulated to 6 inches deep with heaviest area in south and southwest parts of Raton. Storm moved towards east. Heavy damage to cars and glass at race track, 3 aircraft nearby, and some damage to roofs and trees. Damage estimated at \$125,000.		
										Roosevelt County	16	4:00 p.							Hail	Up to 6 inches of small hail with some stones to quail egg size between Dora and Causey destroyed 400 acres of wheat.		
										Quay County, Ute Lake	18	7:45 p.	1/2	50	0	3	5	0	Tornado	Couple injured as tornado picked up their camper and dumped it, and third person in the open. Boat slips torn from marina, 19 boats sunk and additional 16 boats damaged, 20 lockers sunk, and gasoline lines broken. East to northeast winds to 70 m.p.h. and rain to over one inch in area. Total damage estimated at \$100,000.		
										Niagara and Erie Counties	29	late afternoon							Lightning	Lightning-caused fires resulted in moderate to extensive damage to four homes in Lockport and one each in Buffalo and Amherst.		
										Whiteface Mountain, Essex County	30	p.m.					6		Lightning	Six persons injured when lightning knocked out several power relay towers on Whiteface Mountain.		

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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>North Carolina</b> Alamance, Burke, Catawba, Davie, Gaston, Guilford, Henderson, Lenoir, Mecklenburg, Randolph, Rowan, Swain, Wake, Yadkin Counties	2	Afternoon & evening					5	5	Wind, rain, hail, electrical
									Widespread thunderstorms. Lightning set several fires in different areas; wind upset mobile homes, unroofed buildings. Crops damaged by hail over a total area of ten square miles in four widely separated counties. Heavy rain damaged ripe grain crop, caused erosion.
Beaufort, Onslow and Wilson Counties	3	4-8 pm					4	5	Hail, electrical
									Tobacco crop damaged by hail in Beaufort and Wilson Counties. Building near Jacksonville struck by lightning and burned.
Pitt County	4	3:30 pm					0	4	Hail
									Tobacco damaged over one square mile area southeastern part of county.
Mecklenburg and Union Counties	7	3:30-4:15 pm (brkn)	25	200	0	0	4	4	Tornado
									Storm moved SE to NW over a broken path from near Monroe, N. C., to near Charlotte, on southern fringes of tropical storm Abby. Three frame houses demolished, twenty or more other buildings damaged, mostly roof damage. Trees six to 24 inch diameter uprooted or broken off. Two funnels aloft observed by Weather Bureau employee traveling between Monroe and Charlotte. Principal damage southern Charlotte and northeast Monroe, but scattered minor wind damage other places along path. Some fields of grain blown down. Rain was occurring during this period, but no hail or electrical phenomena observed.
Mecklenburg	9	7:05 pm					0	0	Funnel aloft
									Reported by pilot eight miles northwest of Charlotte, moving NE. Severe thunderstorm affecting Charlotte at that time.
Mountains, Southern Piedmont, Southern Interior Coastal Plain	7-12						5	5	Rain, wind, electrical
									Heavy rains associated with dying tropical storm Abby caused crop damage in several areas, mainly ripe grain beaten down and tobacco drowned. Considerable soil erosion. Scattered wind and lightning damage to mobile homes and outbuildings local areas. Hail hit crops.
Piedmont	17				0	1	5	5	Hail, wind, rain, electrical
									Thunderstorms in connection with a passing low pressure trough and accompanying cold front caused damage numerous areas. Hail damaged crops, mainly tobacco; some areas also damaged by heavy rain and wind. Numerous fires attributed to lightning, destroying or damaging a church, a house trailer, and several homes and businesses. One woman injured by lightning when entering house trailer.
Edgecombe, Henderson Counties	23	Afternoon					0	5	Hail, wind
									Storms struck two widely separated areas. Tobacco damaged by hail in Edgecombe; hail damaged apples and wind blew down many trees (tree loss reported as crop damage) in Henderson County.
Alamance, Granville, Guilford, Henderson, Johnston Counties	24	Afternoon & evening					5	4	Hail, rain, electrical
									Hail damaged tobacco crop two areas. Flat roof collapsed into store during heavy rain in Hendersonville. Five homes and a transformer damaged by lightning in two areas.
Gates, Greene, Hertford, Pitt and Wayne Counties	27	Late aftn & evening					4	4	Hail, wind, electrical
									Hail damaged tobacco crop two small areas. Wind damaged several homes and outbuildings, tore limbs from trees Greene County. Lightning blew out transformers and interrupted electrical service over considerable areas; caused some minor structural damage to a hotel.
<b>North Dakota</b> Fargo, Cass County	5	11:50 AM			0	0	4	0	Wind
									High winds damaged buildings west side of Fargo.
Sargent County	9	Afternoon			0	0	0	0	Tornado
									Tornado touching ground briefly 7 miles south of Havana swept car off road.
Burleigh County	12	Afternoon			0	0	?	?	Hail
									Hail, accumulating 3 inches deep, caused extensive damage to crops and trees in small area about 7 miles south of Almont.
Morton, Burleigh, & Kidder County	17	5:00 PM	50	10	0	0	4	?	Tornado, Hail
									Storm which began just west of Mandan moved eastward through Mandan-Bismarck where 2 inch hail caused extensive damage to roofs and automobiles. Heavy crop damage reported in Burleigh and Kidder Counties with heaviest damage in area of Menoken and Steele-Dawson. Tornado on ground briefly east of Wing caused no damage.
Southern border	20	Evening	240	few	0	0	?	?	Hail, Wind
									Northern fringe of severe windstorm in South Dakota travelled along southern border of North Dakota. Funnel clouds were sighted north of Hettinger where 70MPH winds reported. Considerable tree damage along path of storm. Radio tower doubled over at Milnor and power lines were down in Gwinner area. Hail damaged crops in southern Sargent County.
<b>North Dakota (continued)</b> SW Ward County	23	Afternoon	20	8	0	0	?	?	Hail, Wind
									Storm beginning near Plaza traveled southeastward causing areas of 100% crop damage and damage to buildings. Rainfall of unofficial 4-6 inches reported in hail areas. Drifts of hail still visible 48 hours after storm.
<b>Ohio</b> Leipsic, Putnam County	5	10:50a							Funnel aloft
									Sheriff deputies followed a funnel aloft from Leipsic north-northeast to Belmore but the cloud did not touch the ground.
Scattered Areas Entire State	10	Afternoon Evening			0	0	5		Wind, rain, hail, and electrical
									Strong winds, heavy rain, and hail were reported in several parts of the State. At Mt. Liberty in Knox County, winds caused about \$15,000 in damages as several garages, and outbuildings were unroofed and at least 5 homes sustained damage. An additional \$4,000 damage was done at the new high school construction site. Shelby was struck with 50 mph winds; estimated damage of \$3,000 was reported in and around the city. A drive-in theater screen was severely damaged in the Dayton area. In some areas, hail was so heavy that it covered the ground. Power outages were common.
Northern Half of State and Ironton	11-12	Afternoon Early Morning			1	1	5		Wind, hail, rain, and electrical
									Wind leveled a barn housing considerable farm machinery in the Dola area (Hardin County). Lightning also set fire to an Ada building and caused severe damage. Winds toppled a shelterhouse near Waterville. Versailles (Darke County) was without power for 15 hours following a storm which blew down four 70-foot poles. Lightning struck 3 Marion buildings but all damage was light. Crop damage due to hail was reported in Adams, Erie, and Ottawa Counties. One Sylvania worker was killed and another injured when high winds caused a cave-in at the site where the workers were laying drainage lines for a new swimming pool. The Ironton Country Club was destroyed by a lightning set fire. Damage was estimated to be \$30,000. Many areas reported temporary power outages and downed trees.
Mansfield, Highland County	11	9:00p							Funnel aloft
									A funnel aloft was sighted 5 miles south of Mansfield. Direction of movement was not given.
Marion, Marion County	11	9:00p							Funnel aloft
									A funnel cloud aloft was sighted over Marion moving toward the northeast. The cloud was not observed touching the ground.
Cleveland Area, Cuyahoga County	20	6:30p			0	0	4		Wind
									Fortunately there were no drownings caused by the line of thundershowers which suddenly swept along Cleveland's lakeshore and overturned at least 20 boats on Lake Erie. Pleasure boaters were caught off guard by winds and waves up to 75 mph and 15 feet, respectively. Damage to one boat was set at \$10,000.
Farmer Area, Defiance County	21-22	11:00p-12:30a			0	0	5		Electrical
									Lightning set fire to two barns near Farmer. One barn contained considerable farm machinery and 50 brood sows. Both barns were damaged extensively. There were several other lightning strikes within the county but all other damage was minor.
Chillicothe Area, Ross County	22	Afternoon Evening			0	0	5	5	Rain and flooding
									An unusually heavy thundershower remained nearly stationary over Chillicothe for more than 4 hours. During this time, 4.80 inches of rain fell. Prior to this storm, the record rainfall at Chillicothe during 24-hours was 4.30 inches (August 21, 1947). Approximately 2,000 acres of cropland and 11 homes were inundated. This was the second planting lost to flooding this spring. Farmers will not replant this land a third time because it is too late in the growing season. The heavy rains also resulted in the flooding of many basements and streets. The Scioto River at Rikeater, which is downstream from Chillicothe, rose 5.6 feet between 7 a.m. on the 22nd and 7 a.m. on the 23rd but during the following 24-hours most of this water moved into the Ohio River. A local paper

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Ohio (continued)									
Chillicothe Area, Ross County									company reported thousands of dollars damage to roll paper stored in a basement. Londonderry and Vigo areas in eastern Ross County were also hard hit. Four Liberty Township firemen reported the same reading, 5.7 inches, on their rain gauges.
Akron Area	24	12:50p			1	0	0	0	Electrical
									Lightning struck the bow of a boat and killed a 47 year old man while fishing at McGadore Reservoir in Portage County. A 65 year old companion felt the heat from the shock but was not injured himself.
Columbus Grove, Putnam County	24	4:45p							Funnel aloft
									A sheriff's deputy sighted a funnel aloft 2 miles northeast of Columbus Grove.
Carey, Wyandot County	24	6:00p							Funnel aloft
									A funnel cloud aloft was reported near Carey by the public. The cloud was not observed touching the ground.
Grand Rapids, Wood County	24	6:15p							Funnel aloft
									Fire department personnel reported sighting a funnel cloud aloft but reported that it did not touch down. The cloud moved toward the northeast.
Bowling Green Area, Wood County	24	6:45p	Short	Narrow	0	0	0	0	Tornado
									Two motorists reported that they saw a tornado touch down and then lift immediately at the junction of State Route 582 and U. S. 25 about six miles north of Bowling Green. The witnesses heard the roar but no damage was reported in the area.
New Concord-Cambridge Areas, Muskingum and Guernsey Counties	25	3:30p	11	150-200	0	5	5		Tornado
									A tornado caused considerable property damage as it touched down 1.5 miles south of New Concord and moved northeastward at 42 mph. The storm toppled a silo and caused minor damage to a home before crossing interstate 70 where it picked up a \$13,000 boat that was being towed by a truck. The storm blasted all windows but 1 from a stopped car. The two occupants sustained cuts and bruises. After crossing I-70, the tornado upset a trailer, blew shingles from 3 homes and the entire roof off another, and collapsed 8 barns and other buildings. Just before crossing U. S. 22 two miles east of New Concord, the storm picked up a truck and rolled it down an embankment. The 16-year old driver sustained minor injuries. One end of a concrete barn exploded as the twister passed 0.8 mile west of the intersection of State Routes 209 and 658 (on 209). Trees and utility lines were twisted, broken off, or downed along the storm's path. Lightning, thunder, and rain accompanied the tornado but no hail fell.
Portions of Guernsey, Tuscarawas, and Harrison Counties	25	4:05p	10	200	0	0	4		Tornado
									Investigation of storm damage along a 10 mile southwest-northeast path starting 2 miles south of Peoli confirmed the damage along this line resulted from a tornado. The main damage occurred on a farm near the Guernsey-Tuscarawas County line where a large tool shed was leveled and 2 other buildings lost their roofs. Owners of the farm saw the tornado approaching and went to their cellar. Tree damage ranging from uprooted trees to tops blown out were found in 4 different locations in this sparsely populated hilly area. Two motorists observed the funnel for 10 minutes while in their car on State Route 258 four miles east of Peoli. They said the funnel repeatedly lifted up and down from the cloud. Due to the time and direction the storm followed, this storm probably was related to the tornado that struck the New Concord-Cambridge areas.
Brimfield Area, Portage County	25	7:15p	1/2	200	0	1	4		Tornado
									A tornado uprooted many trees and pushed over or splintered several utility poles on the south side of Brimfield. One house lost its entire roof and several others received broken windows and exposed corners of roofs. An 18 year old youth was cut by glass when a living room window shattered. Even though most of the damage layed toward the northeast, witnesses heard the "roar" and sighted the funnel cloud. Several trees were broken into two pieces. The storms moved toward the northeast.
Ohio (continued)									
Lake Erie Shoreline	25	9:00-11:00p			0	0	5		Wind and flooding
									Damage at several locations along the shoreline from Toledo to Painesville was locally heavy as the result of winds up to 50 mph, rain, and waves of 4 to 8 feet. At Port Clinton, twenty cruisers of all classes were overturned, sunk, or piled up on damaged docks. The high waves flooded lowlands. In the Painesville area, a wind-driven wave destroyed a \$10,000 dock at a yacht club. Some sections of the Lake Erie beach areas east and west of Port Clinton were badly eroded by the winds and pounding waves. Two house trailers were damaged at Meachen Grove when a tree was blown on them.
Lockbourne, Franklin County	26	4:14p							Funnel aloft
									A weather observer at Lockbourne Air Force Base watched a funnel cloud dip from a cloud and return to the cloud without touching ground.
Oklahoma									
Watts, Adair County	1	2:15p.-2:30p.	4	200	0	0	4	0	Tornado
									A tornado hit the ground about 2 miles southwest of Watts and then followed a skipping path northeastward across the west and north parts of Watts. One home was twisted around on its foundation and 10 others were damaged. Several barns and outbuildings were also damaged and many trees and poles either blown over or twisted off above the ground. A small church building was demolished one-half mile north of Watts and a 14-foot aluminum boat was blown a quarter mile away. The tornado lifted a car from US59 north of Watts and turned it around a line or two before setting it off in the ditch. The tornado lifted near the west side of Lake Francis but touched down again along a six-mile damage path in Arkansas extending from Lake Francis across the southeast side of Silcox Springs.
Verden 3SE, Grady County	5	6:18p.-6:28p.	1	100	0	0	0	0	Tornado
									A tornado was sighted on the ground in a rural area with no damage reported. It moved northeastward at about 10 MPH.
Texas and Beaver Counties	8	4:00p.-8:00p.	45	*30	0	0	4	C	Funnel aloft, Tornado, hail, and rain
									Heavy thunderstorms moved northeastward at 25 MPH across the eastern half of Texas County and western half of Beaver County. A highway patrolman and other persons saw a funnel aloft almost lower to the ground in an area southeast of Hardesty, Texas County, at 4:55 p.m. It was observed for two minutes before pulling back into the cloud base. A tornado is believed to have hit a farmstead 5 miles southwest of Turpin in Beaver County at about 5:30 p.m. Heavy rain obscured the tornado but a loud "roaring sound" was heard when a barn was destroyed and small outbuildings and trees were damaged. The debris was scattered for 1/4 to 3/4 mile north-northwestward. Scattered hail was reported across the area with stones up to 1 1/4-inch size covering about 75 percent of the ground southwest of Hardesty, while most areas received hail up to 1/2-inch size. Hail up to 1 1/2-inch size caused 5 percent wheat loss near Hardesty and up to 30 percent loss near Adams. Heavy rain varied from 2.57 inches at Range to 3.75 inches at Beaver, while greatest unofficial total of more than 7 inches was recorded 4 miles west of the intersection of SH3 and US83.
Ellis and Harper Counties	9	3:30p.-5:30p.	45	*20	0	3	5	3	2 Tornadoes, hail, and wind
									Severe thunderstorms moved northeastward at 25 to 30 MPH across the northern part of Ellis County and Harper County. Tornado #1 was sighted on the ground to the southeast of Catesby, Ellis County, by an oil crew at 3:30 p.m. No tornado damage was reported, but hail averaging 1-inch size covered the ground in places across four farmsteads causing extensive crop damage southeast of Catesby. Some stones up to 2 5/8-inch size fell to the west of Catesby during a short period. Tornado #2 was sighted on the ground briefly 10 miles southwest of Buffalo where a cow shed and trees were damaged. Damaging hail cut a 3- by 8-mile swath extending from 8 miles north of Buffalo to the northeast across Paruna. Stones varied from 1/2-inch to 1 1/2-inch size and covered the ground 2 to 4 inches deep in places. Strong winds in the Selman area demolished two trailer homes and damaged most homes, blew down two metal granaries and damaged other outbuildings. A trailer home was also blown over and demolished at a farm 5 1/2 miles northeast of Buffalo where two adults and a baby were injured.
Texas County	9	5:30p.	15	*2	0	0	1	4	Hail and tornado
									Hail damaged crops and some roofs in the Era-Hugh area while the storm moved northeastward at about 25 to 30 MPH. Stones averaged 3/4- to 1-inch size and covered the ground 1 to 2 inches deep with some drifts up to 6 inches deep. Largest stones ranged up to 1 1/2- and 2-inch size. A tornado was sighted on the ground briefly about 5 miles north of Texoma at 6:15 p.m., but no damage was reported.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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					KILLED	INJURED	PROPERTY	CROPS		
Oklahoma (continued)										
Crawford Community, Roger Mills County	9	8:00p.	Short	Narrow	0	2	4	0		Tornado
A small tornado dipped down and unroofed the Crawford school gym and a hay barn, and uprooted several trees and toppled others. One lady was injured by flying debris while running to a storm cellar, and a man suffered face lacerations and loss of two teeth when slammed in the face by a storm cellar door. The storm moved northeast at 30 MPH.										
Woodward and Dewey Counties	10	2:00p.-3:30p.	30	*3-8	0	0	3	4		Hail
Scattered hail damaged wheat and barley crops across the area. The storm moved northeastward at 25 MPH with hail averaging 1-inch size and largest of 2-inch size causing localized heavy damage. Loss estimates ranged about 25% in the Mutual area, 50% in the Costas area, and from 50% to 75% into the Canargo area. Damaging hail up to 1 1/2-inch size also fell along a 3-mile-wide path across Mooreland where 418 windows were broken out at the Cities Service Compressor Station and hail covering the ground destroyed nearly 1000 acres of harvest-ready wheat.										
Harmon, Greer, Kiowa, Washita, Caddo, and Canadian Counties	10	2:00p.-5:45p.	130	*1-5	0	0	5	6		Hail, funnel aloft, and rain
A line of severe thunderstorms moved into the southwest corner of the State and traveled northeastward at 25 to 35 MPH across portions of six counties. Scattered hail paths were nearly continuous but varied along the entire path with heavy crop and property damage reported. Hail began falling near the Texas border south of Hollis and extended along a 1- to 5-mile-wide path across Gould, Russell, east of Mangum, Hester, south of Granite and Lone Wolf, Hobart, Gotcho, north of Mountain View, Alfalfa, Fort Cobb Reservoir, Binger, and into the southwest quadrant of Canadian County. Hail averaged 3/4- to 1 1/2-inch size with largest stones of 2 5/8- to 3-inch size causing heavy damage to the south of Lone Wolf at 3:20 p.m., across Hobart at 3:30 p.m., and again at 4:25 p.m., and in the Fort Cobb-Alfalfa-Binger area between 4:20 p.m. and 5:00 p.m. The hail across the southeastern part of Greer County and northern Kiowa County furnished these areas with their sixth damaging hailstorm of the current season. A funnel aloft was observed in the Carnegie-Fort Cobb Reservoir area about 4:30 p.m. Torrential rain accompanied most of the hail and unofficial reports indicated that 2 1/2 inches of rain fell east of Mangum in a 30-minute period while downtown Hobart received 1 1/2 inches in a 15-minute period and Binger reported about 2 inches of rain in 20 minutes. Scattered wind damage to crops, trees, and roofs also occurred along the path. Damage by hail 81% of \$1,049,000 total, by rain 13%, and by wind 6%.										
Alva, Woods County	10	3:00p.-3:45p.	3	*1 1/2	0	0	0	3		Hail
Scattered hail averaging 3/4-inch size and covering 75% of the ground in places caused wheat loss of 25% to 50% to the west and northwest of Alva. Largest stones of 1 1/2-inch size were concentrated along a 1/2- by 1-mile path 1 1/2 miles northwest of Alva. This storm moved northeast at 35 MPH.										
Oriente, near, Major and Woods Counties	10	4:00p.-4:30p.	15	*5	0	0	2	4		Hail
Scattered hail damaged wheat along an eastward path beginning 20 miles west of Oriente in the Cheyenne Valley area. Stones up to 2-inch size caused as much as 40% loss in some wheat fields. This storm moved northeast at 35 MPH.										
Grant and Kay Counties	14	7:50p.-9:00p.	20	*30	0	0	1	7		Funnels aloft, wind, and hail
A line of severe thunderstorms moved southeastward across the area at 20 MPH. Two funnels aloft were sighted in the Deer Creek area about 8:00 p.m. Winds were estimated at 60 MPH in the Newkirk area at 8:10 p.m. and downed many trees at Tonkawa and caused heavy damage at a farm 2 1/2 miles south of Braman where three buildings were unroofed, roof of the home damaged, and two trees uprooted. Scattered small hail was accompanied by a few stones up to 1 1/2-inch size near Braman, west edge of Blackwell, near Deer Creek, north of Tonkawa, and Lamont by about 9:00 p.m.										
Welch, Craig County	14	8:50p.								Funnel aloft
A funnel aloft was sighted near Welch by a highway patrolman during the southeastward movement of a cold front across the area at about 25 MPH.										
Elsaine and Kingfisher Counties	15	12:00 (Noon)-4:00p.	50	*5-15	0	0	4	5		Hail, rain, and wind
A line of thunderstorms moved eastward at 25 MPH across the north halves of the counties. Hail damaged wheat and roofs along a 1 1/2- by 8-mile path extending eastward from Canton. Stones averaged 3/4-inch size and covered the ground 1 inch deep in places with largest stones up to 1 1/2-inch size. Damaging hail fell along a 3- to 4-mile-wide path extending south across the Cimarron River for 12 miles to the Big Four School with stones up to 1 1/2-inch size damaging wheat, roofs, and windows. Torrential rain occurred with the storm and Hennessey recorded 2.93 inches, while unofficial totals of 7 inches were reported at Loyal and 5 inches 4 miles east of Dover. Local flash flooding blocked traffic to the west and south of Loyal because of the fast rising water in Cooper Creek. A loaded grain truck was caught in a creek bottom southwest of Hitchcock and was washed downstream by water cresting 10 feet deep. Wind unroofed a barn in the Dover area, uprooted trees, and uncut wheat was matted to the ground.										
Oklahoma (continued)										
Stroud, Lincoln County	15	1:25p.	?	?	0	0	4	0		Wind
Wind gusts measured at the Stroud airport reached 60 MPH. Two airplanes were blown loose from their moorings and damaged.										
Caddo and Grady Counties	15	3:30p.-4:45p.	25	*35	0	0	*5	C		Wind and hail
Severe thunderstorms moving southeastward across the area at 20 MPH caused heavy tree and property damage from straight winds. Winds at 4:25 p.m. were measured up to 100 MPH at the Chickasha Municipal Airport which was the limit of the wind gage. Extensive tree and roof damage along with many barns blown down was noted at Fort Cobb, Anadarko, Varden, Chickasha, Apache, and Cyril. Chickasha was hardest hit where major loss included knocked-down power lines, a demolished office and warehouse building, four trailer houses heavily damaged, and awnings ripped off some business firms and plate glass windows blown out. Hail up to 3/4-inch size was observed along a 2- by 10-mile path across Varden and Chickasha.										
Lawton, Comanche County	15	About 5:00p.-6:00p.	10	*5	0	1	?	?		Rain, wind, tornado, and electrical
A severe thunderstorm moved southward across Lawton at 20 MPH with a deluge of rain ranging from 2.26 to 2.48 inches falling in about a 45-minute period. Flash flooding put Squaw Creek and Wolf Creek out of their banks in places. High water in streets and underpasses stranded hundreds of cars and several persons were rescued. Water up to 12 inches deep entered several homes and many downtown businesses suffered water damage. Wind gusts up to 70 MPH were recorded at Fort Sill on the north side of the City and one unoccupied house in the 600 block of North 66th was dislodged from its cement block foundation. A tornado was observed by several persons as it touched down briefly near the main gate of Fort Sill at about 5:20 p.m. Lightning damaged several homes and injured one Frontier Airlines employee.										
Guyton, Texas County	15	11:00p.								Funnel aloft
A funnel aloft was observed just north of Guyton by a highway patrolman. It moved southeastward at 15 MPH before dissipating.										
Texas County	16	Midnight-2:00a.	?	?	0	0	?	?		Rain and Hail
Heavy rain measuring 1.84 inches flooded downtown Guyton streets up over the sidewalks where many merchants reported water in their stores and basements. Hail was reported in the Hitchland area along a 3-mile-wide path across several farms with wheat and corn damage ranging up to 85% in some fields.										
Tulsa, Tulsa County	25	About 10:00a.-11:00a.	10	*20	0	0	3	4		Funnel aloft, wind, and rain
A line of heavy thunderstorms along a cold front moved southeastward at 20 MPH across the area. A funnel aloft was sighted 5 miles southwest of Sand Springs where it dipped down low and broke up very quickly. Strong surface winds damaged several outbuildings nearby and blew down trees on three properties. Wind gusts at nearby Riverside Airport in the southwest part of Tulsa reported winds of 58 MPH while the Tulsa Weather Bureau Airport Station observed gusts up to 49 MPH. Flash flooding occurred along Mingo Creek and Joe Creek in east Tulsa where rainfall was estimated at over 4 inches in less than an hour in order to produce the flooding. Extensive damages were confined to the Mingo Creek area where 22 homes or buildings were affected.										
Nowata, Seminole County	25	About 1:00p.			0	0	4	0		Electrical
Lightning struck and set fire to a home one mile north of Nowata. The furnishings and interior were destroyed and the structure was heavily damaged.										
Caddo and Elaine Counties	30	7:00p.	10	*1 1/2	0	0	3	4		Hail and funnel aloft
A funnel aloft was sighted briefly 7 miles south-southeast of Hydro by rural residents before it drew back into the clouds. It then began raining and hailing with stones averaging 1 1/2-inch size covering about 50% of the ground along a path west of Geary extending southward into Caddo County area 7 miles south-southeast of Hydro. The storm moved southeastward at about 10 MPH.										
Logan County	30	About 9:25p.	2	50	0	2	4	0		Tornado, funnels aloft, and wind
A tornado touched down on a farmstead 6 miles north-northeast of Crescent where the top half of a barn was demolished, a windmill and grain elevator twisted, and most of the outbuildings severely damaged. It then skipped southward for two more miles where it heavily damaged another farmstead and machinery. Two additional funnels aloft were sighted just to the east of the damage area. Strong wind blew a semi-trailer truck off SH74 about 4 1/2 miles north of Crescent and into a bar ditch. The driver and his son were both injured.										
Kiowa County	30	9:30p.	?	?	0	0	?	?		Hail
Scattered hail was reported to the west and northwest of Hobart. The Lone Wolf area received some "big chunk" hail which caused some damage.										

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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	
Oregon 30 miles north of Enterprise	11	4:00 p	8-10	800-3500	0	0	7	0	Tornado
									This storm struck in very mountainous, uninhabited timbered area. Extremely few eye witnesses, and those in poor position to actually observe the storm. Determination as a tornado is based largely on width of path and appearance of wreckage which it caused. Approximately 1800 acres prime timber destroyed, additional 1200 acres badly damaged. Estimated 40 million board feet of lumber blown down. Storm lasted no more than 5 minutes at any observed point. It was accompanied briefly by hailstones reportedly up to size of golf balls.
Near Eugene	28	1:00 p	0	0	0	0	0	0	Funnel Cloud
									Funnel cloud reported by cooperative observer, but no evidence that it touched ground or caused any damage.
Pacific			None reported						
Pennsylvania Central Eastern Counties	3	Afternoon					5	2	Thunderstorms
									Lightning ignited a \$30,000 barn fire near Hill Valley. Hail 1 3/4" broke a number of windows and caused some crop damage while heavy rain flooded several basements.
Extreme Southeast	6	Afternoon							Thunderstorms
									Flash flooding from local heavy rains swept several cottages off foundations and one car was carried over a dam. Lightning fired a barn and a cabin.
Bradford County	6	Afternoon					3		Heavy rainfall
									Flash flooding damaged several basement walls.
Central and Eastern Counties	12	Morning Afternoon Evening					6		Thunderstorms
									A series of eastward moving thunderstorms responsible for several lightning fired homes and barns and killing of 13 cows, high winds ripping off or damaging roofs of buildings, and torrential rains causing local flash flooding forcing the temporary closing of several industrial plants in southeast.
Central and Eastern Sections	17	Afternoon			1	3	5		Thunderstorms
									One woman killed and three persons injured when struck by lightning near Huntingdon. Lightning fired several homes in Chester and Lancaster Counties. Strong winds unroofed building in Lewisburg.
Erie	19	Night							Wind
									Roofs blown off several structures, two house trailers overturned by wind and two boats capsized in Lake Erie due to high winds.
Near Philadelphia	24	Afternoon				1			Lightning
									One man injured when struck by lightning.
Southwestern Counties	26	Afternoon Evening				1	5		Wind
									Strong winds unroofed a number of houses and barns and uprooted trees. One woman injured when wind overturned kitchen table.
Puerto Rico			None reported						
Rhode Island			None reported						
South Carolina Lexington County	2	6:38 p.	0	0	0	0	0	0	Funnel cloud
									Funnel appeared briefly beneath large cumulonimbus but did not extend down to the surface of Lake Murray, 15 miles NW of Columbia.
Charleston County	6	8:15 a.	0	0	0	0	0	0	Funnel cloud
									Funnel cloud sighted offshore at Edisto Beach 18 miles SW of Charleston.
Georgetown County	6	6:50 a.	0	0	0	0	0	0	Waterspout
									Waterspout sighted offshore at Pawley's Island, 22 miles SW of Myrtle Beach.
Charleston County	7	2:25 p.			0	0	0	0	Waterspout
									Waterspout moved inland from the Ocean 15 miles SE of Charleston. This spout was in the fringe of "Abby's" circulation.
Spartanburg County	7	7:30 p.			0	0	4	0	Windstorm
									High winds tipped over a house trailer and damaged several others in the Poplar Springs area, 8 miles SW of Spartanburg.
South Carolina (continued) Statewide	7-8				0	0	4	3	Tropical storm
									"ABBY" crossed the western part of the state from Augusta, Ga. to Spartanburg, S. C. in about 20 hours time. Wind gusts reached 50 mph on the coast and three small areas received over five inches of rain. The total effect of the storm was beneficial, however some crop damage, particularly coastal truck crops, occurred due to wind and excess water. Moderate flooding on the major rivers and winds near the coast caused some property damage. Moderate beach erosion occurred from McEllanville to Savannah.
Spartanburg County	12	Afternoon			0	0	4	4	Windstorm, hailstorm
									High winds below over more than 100 apple and peach trees in the Holston Creek area fifteen miles west-northwest of Spartanburg. Many oaks also fell some on homes. One trailer was overturned and another demolished. Jagged hailstones two inches in diameter did extensive damage to peaches in a small area on Dutchman's Creek about eleven miles south of Spartanburg.
Colleton County	12	Evening			0	0	4	0	Windstorm
									A large industrial building was badly damaged and some smaller buildings slightly damaged by high winds in Walterboro.
Charleston County	12	Evening			0	0	4	3	Windstorm
									Winds up to 60 mph and heavy rain caused widespread but rather light damage in Charleston and vicinity. Several buildings were damaged, some trees blown down, power outages and some local flooding occurred. Tomatoes and other truck crops were damaged.
South Dakota South Central	5-7				0	0	5	4	Local heavy rain and flooding
									Most of the damage occurred at or near the town of White River where several road grades and bridges were washed out. There were official reports of about 4 inches of rain in 48 hours with higher unofficial reports. Damage was estimated at \$450,000.
Picktown	8	4:00 p.							Funnel aloft
Britton 6NE	9	6:00-6:15 p.	1	200	0	1	5	4	Tornado and hail
									The storm moved from SW to NE damaging 3 farmsteads. Damage was estimated as \$150,000 to property, \$30,000 to crops and \$2,000 to livestock. Hail up to 4 inches in diameter fell briefly. Two cars were picked up by tornado resulting in injuries and hospitalization to one person.
Sioux Falls	9	5:30 p.							Funnel aloft
Yankton-Centerville area	9	10:00-11:00 p.			0	0	5	4	Wind
									The storm moved from SW to NE. The greatest damage was in the Yankton area where considerable damage was caused to buildings, auto and utility lines. Total storm damage was estimated at \$60,000.
Vermillion 5S	13	About 5:20 p.			0	0	0	0	Tornado
									Tornado apparently touched down in open country with no reported damage.
Vermillion 12N	13	About 5:20 p.		Moved ENE					Funnel aloft
Wakonda Area	17	3:30-4:30 p.	12	*1-1 1/2	0	0	4	5	Hail
									Hail averaging 5/8 inch with largest up to 1 1/4 inch covered the ground to 1 inch. Storm moved from WNW to ESE. Damage to crops estimated \$200,000 and to property \$7,000. Hail started about 3 miles NE of Wakonda and extended ESE.
Aberdeen 18 NNE	17	8:45 p.		Moved NE					Funnel aloft
Rapid City 8 SW	18	2:25 p.							Funnel aloft
Most of state	20-21	6:00p.-2:00a.			0	11	7	7	Wind, hail, dust, 9 or more tornadoes and 11 funnel clouds aloft
									A line of severe thunderstorms moved rapidly, about 60 MPH, across the state with winds of up to 100 MPH or more. Many areas received extensive hail damage with 1/2 to 1 1/2 inch hail common although larger sizes up to 3 inches were reported. Many barns and silos along with other farm buildings were damaged or destroyed. Widespread tree damage occurred accompanied by extensive damage to utility lines. A number of tornadoes and funnel clouds aloft were sighted and there may have been others that were not sighted since the storm occurred after dark in the eastern part of the state and there was heavy dust followed occasionally by locally heavy rain. Tornado sightings were as follows: 3 in Aurora County, 2 in Walworth County, and 1 each in Brookings, Brule, Pennington and Perkins Counties. This storm probably caused the most extensive damage of any that has occurred in the state. Overall damage is estimated from \$10-15,000,000.

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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		
South Dakota (continued)										
Carriage area	22	8:00-8:30 p.	9	*1/2-3/4	0	0	3	5	Hail	
									Hail averaged 1 inch and covered ground up to 2 inches.	
Custer County	22	6:45-7:00 p.	60	*2-3	0	0	6	5	Hail and wind	
									Hail averaged 3/4 inch with largest up to 6 inches.	
Tyndall	23	Evening							Funnel aloft	
Near Vermillion	23	Evening							Funnel aloft	
Parkston	29	About 12:00 M			0	0	4	0	Hail	
									Hail up to 4 inches damaged houses and autos in the city.	
Gregory and Brule Counties	30	About 2:00-3:00 a.			0	0	4	5	Hail and wind	
									Hail up to golf ball size caused up to 100% damage to crops in some areas. A number of farm buildings were damaged or destroyed by the wind.	
Tennessee										
Hohenwald, Lewis County	5	p.m.			0	0	?	?	Wind	
									Wind damaged roofs, downed trees.	
Knoxville, (area) Knox County	9	1:00-3:00p.			0	0	4	0	Lightning, wind	
									Scattered thunderstorms, locally severe, caused excessive short period rainfall, lightning and strong winds. Local flooding and power outages resulted, but the greatest damage was due to lightning which touched off several house fires.	
Memphis, Shelby County	11	2:00p.m.			0	0	?	0	Lightning	
									Lightning bolts disrupted power service in mid-town area.	
McKenzie, Carroll County	11	3:00p.m.			0	0	3	0	Wind	
									Minor wind damage.	
Paris, Henry County	11	3:15p.m.			0	1	4	0	Wind	
									Local damage to buildings, power and telephone lines. A woman was injured in her house-trailer, when it was overturned by gusty winds.	
Kenton, Ohio County	11	p.m.	?	?	0	0	?	?	Hail	
									Hailstones 1 3/4 inches in diameter. No known damage was reported.	
Ohio, Weakley Counties	11	p.m.			0	0	4	0	Wind	
									Wind downed trees, broke power lines, damaged roofs and barns.	
Cookeville, Putnam County	12	11:15a.	?	?	0	0	?	?	Hail	
									Hailstones up to 1 3/4 inches in diameter fell during a thunderstorm near Cookeville. There was no known damage. Report furnished by State Highway Patrol.	
Knoxville, (area) Knox County	16	5:00p.m.			0	0	4	0	Lightning, wind	
									Scattered and mostly minor damage from lightning and wind due to thunderstorms in area.	
Greenville, Greene County	24	1:31p.m.			0	0	4	0	Lightning	
									Lightning-caused fire is believed to have destroyed an old building used for storage; scattered other lightning damage was reported in the area.	
Texas										
INE Possum Kingdom Dam, Palo Pinto Co.	1	12:25 a							Funnel aloft	
									A funnel shaped cloud was observed about one mile northeast of Possum Kingdom Dam. It was accompanied by a loud roaring sound, but it is not known if the funnel touched ground.	
10NNE Taft San Patricio Co.	1	9:20 p							Funnel aloft	
SW Paris Lamar Co.	2	4:20 p							Funnels aloft	
Venty, Victoria Victoria Co.	2	5:45 p							Funnels aloft	
									Several funnel clouds were reported in the area north of Victoria. One funnel was observed by U. S. Weather Bureau personnel. This funnel extended about 200 feet below the cloud base and was about 1500 feet above the ground.	
Alice area Jim Wells Co.	2	6:30 p-7:30 p	10	*10	0	0	0	4	Hailstorm	
									Hail shredded leaves on cotton and grain sorghum in the Alice area causing an estimated \$15,000 damage in reduced yields. Hailstones averaged two inches in diameter. Largest stones were three and one-half to four inches in diameter. Property damage was negligible.	
Texas (continued)										
NW Taft San Patricio Co.	2	9:50 p.							Funnel aloft	
Near Taft San Patricio Co.	3	11:00 a							Funnel aloft	
Fort Worth Tarrant Co.	3	2:45 p	?	?	0	2	?	0	Windstorm	
									Severe thunderstorm winds struck an area between Alamo and Boardman hangars at Meacham Field and damaged four small airplanes. Ed Boardman and Jim Self suffered minor cuts and bruises in an effort to save the airplanes.	
Fort Worth Tarrant Co.	3	2:45 p							Funnel aloft	
7NW Mineral Wells Palo Pinto Co.	3	2:52 p							Funnel aloft	
W Fort Worth Tarrant Co.	3	3:00 p	short	narrow	0	0	1	0	Tornado	
									A tornado dipped to the ground briefly near U. S. Highway 80 just west of Fort Worth. The only known damage was to a few fruit trees. Losses were estimated at less than \$50.	
NE Bowie Montague Co.	3	afternoon							Funnel aloft	
Taft vicinity San Patricio Co.	3	?	?	?	0	0	0	?	Hailstorm	
									Hail struck a number of farms in the Taft area with some damage being reported. Cotton and grain sorghum on the A. C. Whitmore, T. J. Rippstein, and Fred Williams farms were damaged. Mr. Williams had severe damage to two 80 acre tracts in the Sodville area.	
NE Raymondville Willacy Co.	4	2:23 p	short	narrow	0	0	?	?	Tornado, wind, and hailstorm	
									A tornado touched ground briefly on the H. B. Calvin farm, two and three-quarter miles east of San Perlita. The tornado missed the Calvin home by about 200 yards. A 10-by-60 acre field of ripened grain was flattened by the tornado and associated windstorm. Hailstones one and three-quarter inches in diameter were reported at San Perlita, and hailstones one-half inch in diameter were reported at Willmar.	
Near Arlington Tarrant Co.	4	2:40 p-2:41 p	short	67	0	0	4	0	Windstorm	
									A windstorm that may have been a small tornado destroyed or damaged seven airplanes at Arlington airport, five miles south of the city. Two airplanes were poked up and smashed together in a mid-air collision. Two other planes were destroyed and three more were damaged. Winds at the airport were measured at 80 miles-per-hour. The path of damage was about 200 feet wide. Trees on the edge of the airport, 200 yards away were hardly swaying while the planes were being smashed together. Damage to the aircraft was estimated at \$15,000.	
Hosheim Bosque	5	2:00 p							Funnel aloft	
Dallas Dallas Co.	5	5:15 p-5:45 p	short	narrow	0	0	4	0	Windstorm	
									Severe thunderstorm winds struck the northeast end of White Rock Lake and sank sailboats, hurled others around like toys, and wrecked havoc at several private yacht clubs. Waves kicked up eight feet high swamped and sank a number of small sailboats while others were tossed up on the docks. At the White Rock Sailing club several 20-foot boats were hurled up on top of one another and a 100-foot pier was carried away. In the nearby Corinthian Yacht Club, about a dozen boats were sunk. The anemometer at the club registered 50 miles-per-hour before it was blown away. Property losses were estimated at \$10,000.	
5NE Nederland Orange Co.	6	11:25 a							Funnel aloft	
3NW Perryton Ochiltree Co.	6	4:15 p	?	?	0	0	0	0	Tornado	
									Tornado touched ground in open country. There was no known damage.	
Stanton Martin Co.	6	7:00 p-9:00 p	10	*1 1/2	0	0	?	?	Hailstorm	
									Hail, averaging about one-half inch in diameter, fell in a strip one and one-half miles wide, extending from Stanton to 10 miles south of Stanton. Largest hailstones were about two inches in diameter.	
Odessa Ector Co.	7	6:00 p-8:00 p	2	*1	0	1	6	0	Hailstorm	
									Hail, averaging one inch in diameter, with largest stones three inches in diameter, severely damaged buildings and automobiles in the downtown and southern sectors of Odessa. Many windows were shattered in homes and vehicles. Large plate glass windows in several downtown businesses were shattered. The eastern portion of Odessa was hard hit also. One man was given emergency treatment at a hospital after being beaten by the hailstones. Property damage was estimated at four million dollars. The Texas Insurance Advisory Association said about 15,000 claims would probably be filed.	
4ESE Texhoma Sherman Co.	7	9:25 p-9:28 p	short	?	0	0	0	?	Tornado, hailstorm	
									A tornado touched ground in open country in northeast Sherman County about four miles east-southeast of Texhoma, Oklahoma. The tornado stayed on the ground about three minutes and moved in a northeasterly direction. Hail accompanying the storm caused minor damage to crops.	

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
Texas (continued)									
12N Odessa Ector Co.	7	evening							Funnel aloft
3W Perryton Ochiltree Co.	8	3:45 p							Funnel aloft
5W Pampa Gray Co.	8	3:50 p	?	?	0	0	?	?	Hailstorm Hailstones up to two and three-quarter inches in diameter were reported in open ranch country west of Pampa. There was no known damage.
Sanderson Terrell Co.	8	afternoon	?	?	0	0	?	?	Hailstorm Hailstones up to one and three-quarter inches in diameter caused some roof damage in Sanderson. Fruit on trees was damaged.
20N Amarillo Potter Co.	8	5:45 p	?	?	0	0	0	0	Hailstorm Hailstones up to one and three-quarter inches in diameter were reported in open ranch country 20 miles north of Amarillo. No damage was reported.
22SW Midland Midland Co.	8	6:20 p	?	?	0	0	0	0	Hailstorm Hail up to one and three-quarter inches in diameter fell in open ranch country southwest of Midland. There was no known damage.
Fritch Hutchinson Co.	8	6:45 p	?	?	0	0	?	0	Hailstorm Hail, ranging in size from one-quarter inch to two inches in diameter, fell at Fritch. There was no known damage.
Lynn, Garza, and Crosby Counties	8	6:15 p-8:00 p	50	100	0	0	4	5	Tornado A tornado skipped across eastern Lynn County, the northwest corner of Garza, and the southwest corner of Crosby County, cutting a swath about 100 yards wide. Beginning about 6 1/2 miles east-southeast of Tahoka, the tornado traveled in a northeasterly direction, along a path 50 miles long, to White River Lake in Crosby County. The tornado caused an estimated \$45,000 damage to rural property, but miraculously, missed most rural homes along its path. Damage was heavy on the J. C. Lunlap and Charlie Craig farms near the New Lynn community. Excellent photographs of the tornado were taken by Lenora Buzard, 2 1/2 miles north of Smith Grocery and Station. Growing crops and soil along the tornado path were severely damaged. Crop losses were estimated at \$50,000. Lake cabins, vacant farm homes, fences and utility poles were damaged at White River Lake.
Lynn, Lubbock and Crosby Counties	8	evening	20	?	0	0	?	?	Tornado A tornado caused minor damage to rural property along a 20-mile path beginning about eight miles north of Tahoka and extending across the extreme southeast corner of Lubbock County and into the southwest corner of Crosby County about six miles east of Slaton. The roofs of some rural homes were damaged. This tornado paralleled the tornado that began east-southeast of Tahoka and moved to White River Lake. (see previous report)
Tahoka Lynn Co.	8	7:00 p-8:00 p	?	?	0	0	?	?	Wind and hail-storm Severe thunderstorm winds and hail, ranging in size from three-quarters inch in diameter to one and three-quarters inches in diameter battered Tahoka. Plate glass windows were blown out downtown and numerous signs were blown down or damaged. This storm occurred about one hour after tornado producing storms struck east-southeast and north of Tahoka. (see previous reports)
10ENE Tahoka Lynn Co.	8	evening	5	33	0	0	2	?	Tornado, hailstorm A small tornado unroofed one old house and ripped out the tops of mesquite trees. After the tornado returned to the clouds, very heavy rain fell. Hail, averaging three-quarters inch in diameter damaged about 2000 acres of cotton. Largest hailstones were one and three-quarter inches in diameter. Property loss due to the tornado was estimated at \$500.
Littlefield Lamb Co.	9	5:45 a-7:00 a	25	*10	0	0	6	?	Hailstorm A severe hailstorm caused an estimated \$1,000,000 damage to property in Littlefield and heavy damage to crops in the surrounding area. Crop damage extended northeastward to Olton. Buildings, especially roofs, trees, and young cotton, corn, and ripening wheat crops were hard hit. One insurance firm estimated that it would process \$500,000 worth of claims alone. Damage to glass panes at the Chisholm Florist greenhouses was estimated at \$25,000. The heaviest swath of hail damage was reported on a line approximately 10 miles wide from Fieldton to Olton, with near 100 percent damage to young cotton in some areas. All wheat hit by the heavy hail was destroyed, and one 80-acre field of corn south of Olton was completely shredded. Hailstones averaged three-quarters inch in diameter and covered the ground to a depth of four to six inches in places. Largest stones were two inches in diameter.
Tulia Swisher Co.	9	6:30 a-7:30 a	?	?	0	0	?	?	Hailstorm, funnels aloft Hailstones, ranging in size up to one and three-quarters inches in diameter, fell in the Tulia area. There was no report of any damage.
5S Goodnight Armstrong Co.	9	8:30 a-9:00 a	?	?	0	0	?	?	Tornado, hail and heavy rain A tornado touched down harmlessly in the canyon breaks south of Goodnight. Hail and heavy rains accompanying the storm severely damaged crops in the area. Hailstones up to one and three-quarters inches in diameter were reported.
Bailey Co.	9	9:10 a	?	?	0	0	?	?	Hailstorm A hailstorm damaged crops in the south part of Bailey County. Hailstones up to two inches in diameter were reported in the southeast corner of the county. Crops still showed the effects of the hail damage three weeks later.
Texas (continued)									
Near Canyon Randall Co.	9	11:00 a-1:00 p	12	*4	0	0	4	4	Hailstorm Hail, averaging one inch in diameter, damaged property and crops in an area of Randall County extending from about 10 miles southwest of Canyon to Canyon. Wheat crops were hardest hit. Some fields were a total loss. Largest hailstones were two inches in diameter. Property losses were estimated at \$10,000 and crop losses at \$35,000.
Amarillo Randall Co.	9	12:00 p-2:30 p	5	*2	0	0	?	0	Hailstorm Small hail, averaging one-half inch in diameter, caused minor damage to trees, shrubs, flowers and small gardens in south Amarillo. Largest hailstones were one inch in diameter.
1N Glazier Hemphill Co.	9	1:30 p-2:00 p	*100	100	0	0	2	?	Tornado, hailstorm, several funnels aloft A tornado touched ground on the Grace Bussard farm one mile north of Glazier and unroofed a barn. The porch on the farm home and a chicken house was damaged. Six or seven funnel clouds were reported in the area, but only one touched ground. Property damage was estimated at \$500. The tornado moved from southwest toward the northeast. Hail caused some damage to ripening wheat in the area. Hail loss to wheat on the L. H. Bussard farm was estimated at 50 percent.
Near Claude Armstrong Co.	9	3:15 p							3 funnels aloft
Stinnett Hutchinson Co.	9	3:38 p							Funnel aloft
Near Stanton Martin Co.	9	4:30 p-5:30 p	7	*3/4	0	0	0	?	Hailstorm, funnel aloft Hail resulted in crop losses estimated at 30 percent in an area seven miles long and from one-half to three-quarters mile wide near Stanton. Hailstones averaged one-half inch in diameter, with largest stones three-quarters inch in diameter. A funnel cloud was observed about 10 miles northwest of Stanton, but it did not touch ground.
E Dalhart Dallam Co.	9	4:30 p-5:00 p	20	*4	0	0	3	4	Hailstorm Several farm homes suffered roof damage and broken windows in the farming area southeast and east of Dalhart. Automobile and truck windshields were damaged. Hailstones averaged three-quarters inch in diameter with largest stones three inches in diameter. The roof of the Clep Ledbetter home five miles east of Dalhart was damaged severely and required replacement. Damage to wheat and rye crops in the area varied from 10 to 100 percent. Rabbits and birds were killed. Property damage was estimated at \$3000 and crop damage at \$8,000.
Edmonson area Hale and Swisher Counties	9	5:00 p-6:30 p	6	*4	0	0	0	0	Hailstorm, tornado, heavy rain, funnels aloft Hail and heavy rains caused extensive damage to property and crops in an area about six miles long and four miles wide from northwest of Edmonson to northeast and southeast of Edmonson, including Edmonson. Hailstones averaged one and one-half inches in diameter. A tornado struck about four miles north of Edmonson where it destroyed cotton trailers and pig buildings on the Homer Finkle farm and trailers and pasture buildings on the B. C. Freeman farm. Three funnels were observed with the central funnel "bell shaped" at the bottom, and having a diameter of "at least a mile." A farmer was able to take a colored photographic slide of the tornado, which was shown on KFD-TV, Amarillo. It is not known if the other two funnels touched ground. Total property and crop damage from the hail, excessive rain and tornado was estimated at \$500,000.
Midland and Ector Counties	9	5:44 p-6:25 p	?	?	0	0	?	0	Hailstorm Very large hail, with largest stones measuring one and three-quarters inches to two and one-half inches in diameter fell in the Midland and Odessa areas of Midland and Ector Counties. Despite the size of the hail, the fall was light and caused only minor damage.
Near Alanreed Gray Co.	9	7:00 p-8:30 p	?	?	0	0	?	?	Hailstorm, heavy rain Hail caused slight damage to wheat crops in the area north of Alanreed. Heavy rains washed out some young cotton in the area. Hailstones one and one-half inches in diameter were reported.
Paducah Cottle Co.	10	9:30 a	?	?	0	0	?	?	Hailstorm Hail, varying in size from three-quarters inch to two and three-quarters inches in diameter fell at Paducah. The extent of damage, if any, is not known.
Childress Childress Co.	10	2:00 p	?	?	0	0	?	?	Hailstorm Hailstones up to one and three-quarters inches in diameter fell at Childress, but no significant damage was reported. Some crop damage was reported in the High Point area south of Childress.
Haskell and vicinity Haskell and Stonewall Counties	10	5:30 p-7:00 p	2	*1 1/2	0	0	4	0	Hailstorm Hail up to two and three-quarters inches in diameter caused an estimated \$20,000 damage to property in Haskell. Roof damage - heavy. Slate-type roofs suffered the worst damage. Severe hail damage was reported in Rube and Aspermont also.
Near Orange Orange Co.	11	8:38 a							Funnel aloft

See reference notes at end of table.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
Cooper Delta Co.	11	4:00 p- 6:30 p	?	?	0	0	0	?	Hailstorm
Small hail, averaging one-half inch in diameter, caused some damage to 1500 acres of crops north and west of Cooper. Hail covered the ground to a depth of about two inches.									
Mineral Wells Palo Pinto Co.	11	5:15 p	?	?	0	0	?	?	Hailstorm, wind-storm, funnel aloft
Hail up to one and three-quarters inches in diameter struck Mineral Wells with the heaviest fall in the west and north sectors of the city. One insurance agent reported a number of claims on pitted automobiles. High winds lifted off the roof of the Top Cafe, seven miles south of Mineral Wells. In Mineral Wells, some trees were broken off at the ground, and numerous limbs were broken off trees. A funnel cloud was observed over the northwest part of the city.									
10NE Paris Lamar Co.	11	6:15 p	?	?	0	0	?	?	Hailstorm
Hailstones up to one and three-quarters inches in diameter fell in an area about 10 miles northeast of Paris. No damage was reported.									
Fannin Co.	11	night	?	?	0	0	?	?	Hail, rain, and windstorm
Hail, rain and high winds damaged crops, roads, buildings and utility lines in the southeast corner of Fannin County. The Dial community was hardest hit. Roofs and windows were damaged by the hail that ranged in size from one-half inch to one and three-quarters inches in diameter. Corn, grain and cotton crops were shredded and pounded into the ground. An estimated 5.5 inches of rain fell in the area, damaging roads, and sending creeks out of their banks.									
Near Canyon Randall Co.	12	3:00 p							3 funnels aloft
Near Borger Hutchinson Co.	12	3:25 p- 3:40 p							2 funnels aloft
Anahuac Chambers Co.	12	5:00 p							2 funnels aloft
Vicinity Galveston Galveston Co.	14	10:05 a							Funnels aloft of Galveston.
Numerous funnels observed aloft over water south of Galveston.									
Near Odessa Ector Co.	14	4:55 p	short narrow		0	0	3	0	Tornado
A small tornado dipped down on the Golden Acres golf club course between Midland and Odessa and ripped off part of the roof of the clubhouse. Several small buildings near the course were damaged also. The tornado dropped out of a single small cloud. Total damage was estimated at \$600. One tree was uprooted. Mrs. J. L. Moore, a part-owner of the course, reported the tornado "came from the east back to the west and then it turned again right over the top of the building."									
SE Edroy San Patricio Co.	16	10:20 a							Funnel aloft
Vega Oldham Co.	16	2:30 p- 2:40 p							Funnel aloft
Observed over the southwest corner of the city and was visible for about 10 minutes as it moved southward without touching the ground. In Vega, the wind blew strong, then stopped dead-still and the weather became hot and sultry.									
Near Quitaque Briscoe Co.	16	4:00 p			1	0	0	0	Lightning
Lightning struck and killed John Bean of Silverton while he was fishing at a small lake near Quitaque.									
SW Wichita Falls Wichita Co.	16	4:30 p- 5:15 p	?	?	0	0	?	?	Hailstorm
Hail, ranging in size from one-quarter inch to three-quarters inch in diameter caused minor damage to wheat in a small area north-west of Wichita Falls. Some damage to roofs of homes was reported. Hail covered the ground to a depth of two inches.									
Lubbock Lubbock Co.	16	5:25 p- 6:30 p	?	?	0	0	?	0	Windstorm
Severe thunderstorm winds wrecked a hangar and caused extensive damage to aircraft at Town and Country Air Park on South Quirt Avenue. Wind speeds of 70 miles-per-hour were recorded at the Lubbock Weather Bureau. The wind blew bricks from the 7th and 8th stories of the First National Bank building under construction at Broadway and Avenue M. A trailer house about three miles east of Lubbock was blown over about 6:30 p.m. A few fences were blown down in the northeast section of the city. Trees and small signs were damaged. Heavy rain and small hail accompanied the storm. Underpasses were flooded.									
7NE Paducah Cottle Co.	16	5:30 p	?	?	0	0	0	4	Hailstorm, funnel aloft
Hail, ranging in size from one-half inch to two and three-quarters inches in diameter caused an estimated \$25,000 damage to crops in an area northeast of Paducah. A funnel cloud was audible and visible nine to 12 miles northeast of Paducah. It did not touch ground.									
Canton Van Zandt	16	afternoon			0	2	?	0	Lightning
Gene Hood, 27, and Eddie Stonestreet, 27, were injured when struck by lightning at the Canton Sales Barn. The two men, along with several others were practicing calf roping in the pens. Stonestreet's horse was killed instantly. Stonestreet and Hood were both thrown to the ground, as were the other men in the pens. The other men were not injured.									
Texas (continued)									
Randall and Castro Counties	16	afternoon	?	?	0	0	?	?	Hail, wind and heavy rain
Hail, high winds and excessive rain severely damaged wheat crops in the southern half of Randall County and the northeastern portion of Castro County. Heaviest damage was in the Jowell community in Randall County and the Arney community in Castro County. About 30 to 40 wheat producers in the Jowell community sustained hail damage. Bernard Warren, who lost two sections of dryland wheat between Jowell and Arney reported that his fields received seven inches of rain. Fields around Arney were flooded and the ground white with hail. Strong winds blew away out-buildings between Arney and Nazareth. Charles Conster reported hail damage to his garden and trees and as much as 50 percent loss on a corner of an 180-acre wheat field, nine miles east of Canyon.									
Dallas Dallas Co.	16	6:30 p			0	1	?	0	Lightning, funnels aloft
A lightning bolt ripped through the bedroom of a North Dallas home, grazing the left ear and hand of a resident, Miss Patricia Smith, 19, of 5622 Arlington Park. She was treated for shock at Parkland Hospital and released. Two funnel clouds were observed north of Addison Airport in North Dallas.									
Floyd Co.	16	6:45 p	?	?	0	0	?	?	Windstorm, hail, rain
Crops in the McCoy area of Floyd County were almost completely wiped out by wind, hail, and excessive rain. Young cotton in the area was reduced to sprouts. Strong winds unroofed barns and other buildings. Limbs were ripped off trees.									
3NE Fort Worth Tarrant Co.	16	6:50 p							Funnel aloft
Odessa Ector Co.	16	9:25 p							Funnel aloft
Near Big Spring Howard Co.	16	9:46 p	?	?	0	0	0	0	Tornado, funnel aloft
A tornado touched ground on open land 11 miles west of Webb Air Force Base. A second funnel observed four miles west of Webb Air Force Base was heard, but it did not touch ground.									
Howard Co.	16		?	?	0	0	?	?	Wind and sandstorm
Sand, driven by winds which gusted to near 60 miles-per-hour caused considerable damage to crops in Howard County. Damage was heaviest in the Loxax and Knott areas.									
7SE Palacios Matagorda Co.	17	12:00 a							Funnel aloft
5NNE Corpus Christi	17	8:05 a							Waterspout
2W Port Aransas Aransas Co.	18	10:00 a							Waterspout
2nty. Corpus Christi Nueces Co.	18	2:00 p							Waterspout
15E College Station Brazos Co.	18	3:15 p							Funnel aloft
Muleshoe Bailey Co.	16	afternoon	short narrow		0	0	?	0	Tornado, funnel aloft
A small tornado dipped briefly to earth at the Muleshoe Airport and demolished two E-type hangars and left the two airplanes inside unscratched. The wind velocity registered 15 miles-per-hour when the tornado struck. The sheet iron hangars were lifted apart and the twisted remains were strewn over a portion of the airport. A child's chair was sitting at the corner of the hangars and remained in the same position, untouched, and the same native grass growing around the legs of it, proved it never moved an inch. From the roof of the old airport building, a 30-foot tower was lifted out of the roof, leaving a gaping hole. Other hangar doors were damaged several hundred feet away when lifted off their tracks. One hangar door was lifted upright, protruding several inches above the top of the hangar. A second funnel was observed about six miles southeast of the airport. It is not known if this funnel touched ground.									
Crosbyton Crosby Co.	16	night	?	?	0	0	?	0	Windstorm, two funnels aloft
A severe windstorm, which may have included a tornado destroyed cotton storage buildings, unroofed houses and buildings in the northeastern sector of Crosbyton, broke down large trees and fences and sent sheets of metal flying into electrical lines. City trucks carried away 30 loads of tree limbs and branches broken by the storm. The roof off a building at the potato shed was transplanted onto the Lester Moreno residences, just off Highway 82 near the City Plant. The roof was taken off the Dan Foster residence and the porch was blown off the Dorothy Foster house in northeast Crosbyton. A 2x6 timber was driven through the west wall of the Don Collier home. Metal sheeting and lumber from the compress buildings were scattered over the northeast part of the town. At the R. W. Self home east of Crosbyton, a boat was blown toward the Highway and the Self's pickup truck was blown onto the Highway. Just before the storm hit, Tommy Hawkes, enroute from the lake to Crosbyton saw two funnels between himself and Crosbyton. It is not known if either touched ground.									

See reference notes at end of table.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1968

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					KILLED	INJURED	PROPERTY	CROPS	
<b>Texas (continued)</b> Montgomery and Harris Counties	25-26		?	?	0	0	?	?	Flooding
	Ten days of rain forced hundreds of residents along the banks of the West and East Forks of the San Jacinto River south of Conroe to evacuate their homes. No deaths or injuries resulted, but flood water moved in to homes in at least six subdivisions in southern Montgomery County and northern Harris County on the 25th. Water rose to near roof top level in dozens of homes and one summerhouse in the Bennett Estates subdivision on the bank of West Fork was undercut and washed away. The cottage was owned by A. W. Johnson of Houston. Some areas of the Timberlakes Estate subdivision had high water remaining on the 26th with water three to five feet deep in at least six of them.								
S Floydada Floyd Co.	30	night	?	?	0	0	0	?	Hailstorm
	Small hail caused considerable damage to cotton and feed crops in southern Floyd County south of Floydada.								
<b>Utah</b> Price, Carbon County	4	8:00 p			0	0	4	0	Wind
	Strong winds accompanying a rapid moving cold front blew down a large cinder block wall on a construction project in Price doing damage in excess of \$12,000.								
Orem, Utah County	4	Evening			0	0	3	0	Lightning
	Severe thunderstorm activity associated with active cold front. Lightning struck smoke stack on Sharron School. Falling bricks broke 14 large windows, tore holes in roof. Power transformers were also damaged in area.								
Davis and Weber Counties	9	10:20 a			0	0	0	0	Funnel cloud
	Funnel cloud about 10 miles southeast of Ogden airport was sighted by both Hill Field and Ogden residents. Did not appear to touch ground.								
Roosevelt, Duchesne County	30	Aftn & evening			0	0	4	3	Wind
	Winds averaging 57 miles per hour for several hours and gusts of greater strength caused heavy damage in Roosevelt area. Falling trees damaged houses and power lines. A hangar wall at the Municipal Airport collapsed under the stress of the wind. Many plate glass windows were broken and a steel grainery was carried over 1/4 mile from its original position.								
<b>Vermont</b> State	3	P.M.			0	0	3	4	Hail, lightning, rain
	Scattered thunderstorms caused spotty damage, mostly in southern portion of state. In the Dummerston area rains washed out a roadway and a small dam. A gage in the area caught 1.5 inches in 50 minutes. Lightning knocked out utility service in some communities. Hail fell in many areas but was most damaging in the Dummerston-Futney area, where strawberries and apples were hard hit. Hail fell for 25 minutes in the Dummerston area.								
<b>Virgin Islands</b>									None reported
<b>Virginia</b> Farmville, Cumberland County	16	Evening			0	0	4	0	Wind
	A thunderstorm with high winds toppled two walls of a large hangar building under construction at the airport in Farmville. Electric power and telephone lines were damaged by fallen trees in the southern portion of Cumberland County.								
Gretna, Pittsylvania County	17	1:00 p.							Funnel cloud
	Radio station reported a funnel cloud along U.S. 29. There was hail, heavy rain and a few trees broken by wind at the time.								
Blackstone, Nottoway County	17	2:25 p.							Funnel cloud
	Funnel cloud reported just southeast of Blackstone. There was hail and strong gusty winds.								
Madison County	19	8:30 p.	18	*2 1/2	0	0	5	3	Wind and hail
	A line of severe thunderstorms with strong winds, hail, and rain moved from Sylla southeastward through Crigersville and Hebron Valley to the town of Madison. About 15 barns were damaged or destroyed, seven cows killed and others injured, a house trailer demolished, trees uprooted, and utility lines damaged. One home was demolished and a few others damaged. Heavy hail caused considerable crop damage over part of the area.								
<b>Virginia (continued)</b> Fairfax County	27	Late afternoon			0	0	5	0	Wind, rain and lightning
	Greatest damage was caused by lightning which set fire to five homes in Falls Church during a severe thunderstorm. Flash flooding from heavy rain damaged a parking lot, flooded automobiles and basements and caused other miscellaneous damage.								
Washington									No report received by printing deadline
West Virginia Morgantown	2	1:15-7:00 a.m.			0	0	3	0	Heavy rains.
	Many basements were flooded in the Morgantown area by heavy rains. These rains were confined to the local area and were not widespread.								
Huntington area	12	12:45-1:45 a.m.			0	0	4	0	Lightning
	Fires from lightning, flooded streets and viaducts, power failures, uprooted trees and scattered limbs resulted from the hour-long colorful early-morning thunderstorms, which were also accompanied by gusty winds and 1/2-inch hail. Lightning struck a storage tank at a refinery in Kenova, 30 miles west of Huntington, but seals on the floating top saved most of the 966,000 gallons of gasoline from loss in the ensuing fire.								
Parkersburg	12	2:15 a.m.	?	?	0	0	1	0	Tornado
	A resident of South Parkersburg heard a loud roaring of wind for about 1/2 minute during a heavy thunderstorm. The next morning large limbs were observed torn out of the tops of nearby trees.								
Wisconsin Douglas County	5-6	Night			0	0	4	0	Rain, wind, lightning
	Severe thunderstorms with heavy rain caused flooding of basements in the Superior area. Several house trailers damaged when overturned by wind. Transformer damaged by lightning.								
Vilas County	8	5 p			1	0	4	0	Lightning
	Young man, aged 20, killed by lightning while standing on a dock at Otter Lake near Eagle River. Phone service was knocked out by lightning to hundreds of customers in the area.								
St. Croix, Pierce & Dunn Counties	8	6-9 p			0	0	5	0	Lightning, Wind
	Barns lost in lightning fires near Huntington and 10 NNE Glenwood City. Also wind and lightning damage near River Falls.								
Grant Co.	9	4:30 p			0	0	0	0	Funnel cloud
	Funnel aloft moving NE reported near Skitzer.								
Trempealeau Co.	10	6:00 a			0	1	0	0	Lightning
	Thirteen year old Arcadia girl injured when her umbrella was struck by lightning.								
State	10	Evening			0	0	6	5	Wind, hail, funnels, lightning
	Severe thunderstorms crossing the state from a southwesterly direction produced damaging winds over much of the state. Hardest hit areas in the south include Grant, Iowa, Dime, Dodge, Washington, Jefferson, Waikessa and Fond du Lac Counties. In the north damage occurred in Solon Springs in Douglas County and at Pickeral in Forest County. Hail 2-3/4 inch diameter fell at Estrick in Trempealeau County and golf ball size hail were reported in sections of Chippewa County. Funnels aloft were sighted near Madison, Watertown, Solon Springs, between Elroy and New Lisbon and south of Crandon in Forest County. Lightning caused several fires.								
Washburn County	11	p			0	0	3	0	Lightning
	A herd of 18 milking cows killed by lightning under a tree 18 NW Spooner.								
Monroe County	13	3:30 p			0	7	0	0	Lightning
	A bolt of lightning struck an artillery observation post at Camp McCoy injuring 7 soldiers slightly.								
Washington County	14	3:30 a			0	0	3	0	Wind
	Scattered wind damage around West Bend and Jackson with a severe early morning thunderstorm.								
Milwaukee County	18	4 p			0	0	3	0	Wind, rain, hail
	South Milwaukee and Oak Creek struck by severe thunderstorm causing minor wind and water damage.								
State	20-21	Night			0	0	3	5	Wind, rain, hail, lightning
	Vigorous nighttime thunderstorms dumped heavy rain over much of state causing minor flooding along small streams and in low basements. Heavier rains fell from LaCrosse to Richland Center and from Rhinelander to Shavano. Golf ball size hail fell in the LaCrosse area. Several barns lost in lightning fires.								
Barron County	23	5:30 a			1	0	3	0	Lightning
	A 63-year old Canton farmer killed by lightning bolt while bringing cows in for milking. Three cows also killed.								

See reference notes at end of table.



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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
<b>Wisconsin (continued)</b>											
Southern Counties	23	Evening			1	4	5	0			Wind, lightning
					Severe thunderstorms caused scattered wind damage in southern counties. Seven homes were damaged by wind at Edgerton and 3 persons injured slightly. Lightning killed an 11-year old Caledonia boy playing in a tree. His brother was hospitalized with burns. Lightning also damaged or destroyed several homes and barns in the southeastern Wisconsin. Numerous trees were felled by the wind in northeastern Milwaukee county.						
Southern and Eastern Counties	25-27				0	0	6	6			Rain, wind
					Tropical storm Candy which crossed inland from the Gulf on June 23 brought heavy rain and strong winds to much of southern and eastern Wisconsin. Rainfall amounts over 48 hours totalled 4 to 6 inches at many stations causing local flooding and lodging of oats and hay fields. Early pea harvesting was seriously disrupted and a substantial acreage had to be bypassed. Northwest winds gusting up to 60 mph whipped up 8-foot waves in Green Bay with extensive damage to boats and piers. Many trees were also uprooted in the Fox Valley and the Lake Michigan shore areas damaging cars.						
Walworth, Racine and Kenosha Counties	29	8-9 a			0	3	6	5			Wind, funnel cloud
					Severe thunderstorms with winds locally in excess of 80 mph did extensive damage to trees, buildings, trailers and utility lines in the extreme southeast corner of state. Damage in Racine area worst in many years. A funnel aloft was sighted east of Union Grove. Driving rain caused severe lodging of many fields.						
Northern Counties	30	2-4 a			0	0	6	0			Wind, funnel cloud
					Violent thunderstorms did extensive damage to lake property and utility wires, particularly in Price, Oneida and Vilas counties. Funnels aloft sighted in Minnoka area at Lake Tomahawk, Dan and Sand Lakes, Haselhurst, and Clear and Nokomis Lakes. Heavy down-pours caused local flooding.						
Forest County	30	4 a	1	200	0	0	4	0			Tornado
					Tornado moving ENE destroyed or damaged buildings on the Aschenbrenner Farm at Cavour.						
Marinette County	30	4:45 a	1/2	100	0	0	3	0			Tornado
					Trees and garage destroyed by small tornado moving ENE on Zern property 3 miles south of Pembine.						
Douglas and Bayfield Counties	30	5 p	40	300	0	2	5	0			Tornado
					Large tornado moved ENE through a sparsely-populated, forested area first touching down just east of Gordon. It crossed Highway 27 at the Eau Claire Lakes, moved north of Drummond and south of Mason. Several buildings in the path were destroyed and acres of timber levelled.						
<b>Wyoming</b>											
Rock Springs Airport	5	1:50 p.									Funnel aloft
					A funnel aloft was observed by FAA during thunderstorm.						
Riverton	5	Noon	?	?	0	0	3	0			Tornado
					A tornado touched down 1 mile northwest of Riverton and again 1 mile northeast of Riverton doing damage to two farmsteads.						
Torrington	5	9:30 p.	?	?	0	0	2	0			Tornado
					A tornado touched down 24 miles north of Torrington destroying an unused chicken house.						
Casper	5	6:40 p.			0	2	0	0			Lightning
					Two men injured by lightning on the Casper municipal golf course.						
Riverton	6	2:30 p.	?	?	0	0	4	0			Tornado
					A tornado struck 6 miles north of Riverton doing damage to utility lines, buildings, cars, trees and crops.						
Laramie County	6	6:30 p.			0	0	5	0			Hail
					Hail up to 3/8" diameter fell over a wide area around Burns, Carpenter and Pine Bluffs doing damage to buildings, cars, and crops.						
Laramie County	7	5:00 p.			0	0	4	0			Hail
					Hail up to 1" diameter fell over the Burns and Carpenter area. Damage was less than the previous day's because there was less to destroy.						
Riverton	7	11:08 a.									Funnels aloft
					Public reported two funnels aloft 10 miles north of Riverton.						
Sheridan	7	2:30 p.	1/4	200	0	0	3	0			Tornado
					A tornado destroyed a barn 8 miles southeast of Sheridan.						
Arvada-Spotted Horse	9	2:30 p.	?	?	0	0	0	0			Tornado
					Several funnel clouds and one tornado that touched the ground briefly were reported by the public.						

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
<b>Wyoming (continued)</b>											
Glendo Reservoir	10	Evening									Funnel aloft
					Public reported a funnel aloft over the northern part of Glendo Reservoir.						
Sheridan	11	2:20 p.	1/4	200	0	0	3	0			Tornado
					A tornado touched down doing damage to buildings and trees 25 miles north of Sheridan.						
Northeast Wyoming	20	7:30 p.			0	0	5	0			Hail
					Severe hail storms with some hail in the Bulett area up to 3 inches diameter did damage to cars, buildings, utilities, and crops in the northern Campell County, Weston County, and Crook County area.						
Burns	23	4:30 p.	?	?	0	0	4	0			Tornado
					Two tornadoes moving from north of Burns to north of Albin touched the ground intermittently doing damage to buildings and crops. A funnel aloft was reported 4:45 p. south of LaGrange along the same line.						

- ° 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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