

U.S. DEPARTMENT OF COMMERCE

C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

STORM DATA

APRIL 1968

Volume 10 No. 4



ASHEVILLE: 1968

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
Alabama Muscle Shoals, Colbert County	4	10:00 AM	15	?	0	0	5	0	Tornado
Damage to trees and power lines reported near Littleville. Tornado skipped north-northeast in open country into Muscle Shoals where school building, stadium and a few buildings nearby were damaged. Damage mainly to windows and two light towers which were demolished.									
Northwest Alabama	4	Day			0	0	5	4	Wind, Hail
Locally damaging winds caused widely scattered damage as line of thunderstorms moved eastward. Damage to several buildings in Red Bay area of Franklin County, damage to boats and sheds near Trimble in Cullman County, barn destroyed and power lines down near Jasper in Walker County. Hail 1 inch in diameter, reported in Greene County. All property damage due to wind and crop damage to hail.									
Albertville, Marshall County	4	12:00 PM	3	narrow	0	0	5	0	Tornado
Tornado struck south of Albertville in Nixon Chapel area and moved northeastward across Highway 31 into Albertville. Five houses along path were damaged, several barns and numerous outbuildings destroyed or damaged. A machine shop on highway was demolished and a church in Albertville damaged.									
Mathews, Montgomery County	8	12:15 PM					2	2	Hail
Hail, 3/4" in diameter, covered ground to a depth of 1 1/2 inches.									
Madison County	14	11:30 AM					1	1	Hail
Hail up to 2" in diameter reported 10 miles southeast of Huntsville.									
Monroeville, Monroe County	27	1:30 PM			0	0	4	4	Hail
Hail up to 3" in diameter damaged several aircraft at airport. A few cars and house trailers were damaged. Several hundred acres of crops had severe damage.									
Houston and Henry Counties	27	Afternoon					4	0	Wind
High winds with thunderstorm damaged several houses and barns in scattered areas. Trees were uprooted and power lines blown down. Wind gust of 60 mph reported at Dothan airport.									
Alaska									None reported
Arizona									None reported
Arkansas Southeast and East- Central Section	3	6:00 p.- 9:30 p.							
There was a 3-1/2 hour period of severe weather on the evening of the 3rd that began at 6:00 P.M. in northern Bradley County and ended around 9:30 P.M. in the West Memphis and southern Mississippi County area. Many tornadoes and windstorms were observed in this southwest to northeast moving area of extreme instability.									
Star City-Gould vicinity - Lincoln County	3	6:20 p.	14	400	5	16	5		Tornado
12 farm homes were demolished, cars were blown off highways south of Star City killing two people and one 68,000 pound truck was blown from the highway in the same vicinity. Much timber was destroyed in this heavily wooded area. Pieces of Highway 81 south of Star City were blown up.									
Raydel - Jefferson County	3	7:30 p.	1/2	200					Tornado
Four houses were demolished in this brief touch-down of the tornado.									
De Witt - Arkansas County	3	7:20 p.	1/4	200			3		Tornado
Utility poles were knocked down in this short path one mile south of De Witt.									
De Witt - Arkansas County	3	7:50 p.	?	?	1	3			Tornado
This second tornado in the De Witt vicinity occurred about 5 miles south of town. One home was completely destroyed.									
Proctor Junction - Crittenden County	3	9:00 p.	?	100					Tornado
4 houses were damaged and a church was "turned around". 4 rice and grain bins were damaged.									
Vincent - Crittenden County	3	9:00 p.	?	100	5	3			Tornado
Two blocks of homes and one church were leveled.									
Crawfordsville - Crittenden County	3	9:00 p.	?	100	6	3			Tornado
Nine homes were demolished.									
James Mill - Crittenden County	3	9:00 p.	?	100	6	3			Tornado
A trailer was overturned and a church was demolished. Also there was damage to a cotton gin and houses.									
It is presumed that the damaging weather in Crittenden County was the result of one tornado at approximately 9:00 P.M.									
Wilson -Mississippi County	3	9:30 p.	?	?			3		Wind Storm
One tenant house was destroyed. This was the last visible evidence of this 180 mile storm track in Arkansas.									
Arkansas (continued)	3	7:44 p.	3	100	1	6	6		Tornado
Paragould - Greene County	This tornado struck the Greene County Fair Grounds just northeast of Paragould on Highway No. 1. Then it moved across the highway striking the Darling Company plant doing something in excess of \$1,000,000 worth of damage. The tornado continued on a north-easterly path paralleling the highway completely demolishing one home and partially damaging three others, killing one man and injuring his 3 children.								
Southeastern Clay County	3	8:00 p.- 8:30 p.						3	Windstorm
Roofs were damaged to about 12 homes and two barns were destroyed in scattered locations in southeast Clay County. This was the same instability area that produced the Paragould tornado.									
Southern Crawford County	19	2:00 p.- 2:40 p.	18	2			4	3	Hail
This was a very narrow band of heavy and intense hail. Hail size ranged from 1/2 inch size to some reported as large as 4 and 5 inches in diameter. 4 to 6 feet of hail piled up on the ground in some spots. The path of the storm stretched from the Oklahoma-Arkansas border west of Uniontown to Cedarville to north of Alma and south of Mountainburg. Power lines were down at Alma and Cedarville. Snakes and birds were found dead as well as some hogs and cattle. Livestock had hair beaten from their backs. Most of the property damage was done to the Cedarville school.									
Greenwood - Sebastian County	19	3:12 p.	2	300	14	270	6	4	Tornado
A vicious tornado struck after the sky became very dark with a thunderstorm and very heavy rain. The path of the storm was almost directly through the center of the town. Over 400 homes were lost or damaged and 69 business units were destroyed or damaged. This was the most destructive Arkansas tornado since 1111 were killed in the Judsoria tornado of March 1952. The funnel cloud was on the ground for a total of about 4 minutes.									
Blue Mountain Lake vicinity - Logan and Yell Counties	19	4:00 p.	4	800			3		Tornado
A small tornado traveled from Blue Mountain to one mile west of Waveland. Farm buildings were damaged and there was considerable damage to pines. Highway 10 and the railroad nearby were blocked by fallen trees.									
Greenbrier and Guy areas - Faulkner County	19	6:00 p.	10	600			3		Tornado
A tornado, mostly aloft, traveled from just north of Greenbrier to Guy to Quitman (Cleburne County). Approximately 10 farm buildings and homes were partially damaged.									
Heber Springs - Cleburne County	19	6:20 p.	1	400			5		Tornado
This was apparently a continuation of the tornadic weather in Greenbrier and Guy areas in Faulkner County. A tool and machine company was completely destroyed together with considerable damage to a marine sales and boat company and bowling lanes. One place was damaged at the Heber Springs airport.									
Southern one-half of state	26, 27 & 28								
One of the worst hail storms of record took place on the three successive evenings of this weekend. 75 percent of the peach crop was lost in the four county area around Nashville. And about 60 percent of the tomato crop was destroyed in Bradley County and vicinity.									
Gilham - Sevier County	26	8:10 p.		?			3		Hail
Golfball size hail reported.									
Murfreesboro - Pike County	26	9:10 p.	?	?			5	5	Hail
Peaches completely stripped from trees and many trees considered too hard hit to survive. Much damage to pastures and meadows and homes.									
Antoine - Pike County	26	9:45 p.	?	?			3	3	Hail and wind
Considerable 1/2 inch hail.									
Howard County	26	11:00 p.- 11:15 p.	10	6 mi.			5		Hail
Considerable damage to peaches and small gardens.									
Iron Springs - Pulaski County (13 miles south of Little Rock)	26	11:30 p.					3		Hail
Tennis ball size hail. Some storm produced 90 minute power failure southern sections of Little Rock.									
Southern half of state	27								
Two broad bands of severe weather, mostly hail, traversed the state from northwest to southeast. One began in southern Polk and northern Sevier Counties around 5:00 P.M. and moved to Drew and Ashley Counties in the southeast of the state by midnight.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS			
Arkansas (continued)											
									The second large area of similar weather began in the Lake Ouachita area of Garland County around 6:00 P.M. and also traveled southeast reaching Desha and Arkansas Counties by 9:00 P.M. approximately.		
De Queen - Sevier Co.	27	5:00 p.	?	?			3	4	Hail and wind Large hail with heavy rain and strong winds was reported.		
Nashville - Howard County	27	5:50 p.- 5:58 p.	15	10 miles			5	5	Hail, wind and rain Golf ball to baseball size hail. Windows out in city hall. Roofs damaged. Peach crop valued at \$1.25 million almost entirely destroyed. Damage to Baptist church and about 250 windows out in high school.		
Prescott - Nevada County	27	6:30 p.- 9:00 p.	?	?			3	4	Hail and wind Golf ball size hail. 200 phones out of service. Homes and trailers badly damaged. Cooperative observer described "icicle" shaped hail, 1 inch diameter and up to 6 inches long. Also "chunks" of ice fell and weighed 6 to 8 ounces.		
Boughton - Nevada County	27	7:10 p.	?	?			3	3	Hail and wind 1.10 inches of rain in 5 minutes. Strong winds with golf ball size hail.		
Sweethome and Pleasant Hill - Nevada County	27	7:15 p.	?	?			3	3	Hail and wind Homes damaged by hail. National Guard members on duty in vicinity were "wounded" by hail.		
Hampton - Calhoun County	27	8:00 p.	?	?			3	4	Hail and wind Very heavy golf ball size hail. Called the "worst hail storm ever". Heavy damage to schools. Trees were stripped bare of leaves.		
Hermitage, Gravel Ridge, Ingalls and Johnsonville - southern Bradley County	27	8:30 p.- 11:00 P.	?	?			2	4	Hail Heavy hail damage to crops, mostly tomatoes. Also much roof and window damage.		
Hamburg - Ashley County	27	8:30 p.- 8:40 p.	?	?			4	5	Hail and wind Northwest to southeast track of hail through the center of the county. Trees down and roofs and automobiles damaged.		
Camden - Ouachita County	27	10:35 p.	?	?			4	3	Hail 1/2 inch hail. Power and telephone service out. Considerable glass breakage to factories and homes.		
Crossett - Ashley County	27	9:10 p.	?	?			3	4	Hail Gardens wiped out in the Promise Land Community. 60 percent of the tomato crop lost.		
Malvern - Saline County	27	6:00 p.- 6:30 p.	?	?			2	3	Hail Considerable small hail.		
Foyen - Grant County	27	6:15 p.	?	?			2	2	Hail and heavy rain Marble size hail accompanied by very heavy rain. Driving impossible.		
Sheridan - Grant County	27	6:30 p.- 6:35 p.	?	?			2	3	Hail Weather Bureau employee described ground half covered with hail. Hail up to 2 inches in diameter.		
Pine Bluff - Jefferson County	27	7:15 p.	?	?			4	4	Hail, wind and rain Winds to 55 mph with 1-1/2 inch hail. Considerable wind and hail damage to roofs, trees and greenhouse. Many trailers damaged. 4,000 acres of wheat, 1,000 acres oats and 200 acres of cotton were completely destroyed.		
Reydel - Jefferson County	27	8:10 p.	?	?			?	2	Tornado Small tornado with houses down and some injuries.		
Gould - Lincoln County	27	7:50 p.	?	?			3	4	Hail Considerable hail damage to crops.		
Nady - Arkansas County	27	8 (?) p.	?	?			3	4	Hail Much of the oats crop lost to hail.		
Watson - Desha County	27	8:30 p.	?	?			3	4	Hail and wind Tomato crop lost and damage to houses.		
Arkansas (continued)											
Hot Springs vicinity - Garland County	28	6:30 p.- 8:00 p.	?	?				4	2	Hail and wind Power lines down. Golf ball size hail covering ground. Noted first at Brady Mt. Lodge on southern shore Lake Ouachita. Trees down.	
Benton - Saline County	28	7:20 p.- 7:30 p.	?	?				4	2	Hail and wind Golf ball size hail and wind. Damage to Nursing home 19 miles northwest of Benton and to State Hospital a few miles south. Winds estimated to be 60 mph with hail.	
Wabbaseka - Jefferson County	28	9:00 p.	?	?				2	4	Hail and wind	
Star City, Glendale and Gould - Lincoln County	28	11:00 p.- 11:30 p.	12	3 miles				4	5	Hail and wind Considerable crop damage, mostly to tomatoes. Houses, roofs and windows and some damage to aircraft was reported.	
Dierks - Howard County	28	8:40 p.- 9:00 p.	10	6 miles				4	5	Hail and wind A northwest to southeast path of hail was laid down through the county. Marble to golf ball size hail observed.	
Center Point - Howard County	28	8:00 p.	2	600				4	3	Windstorm and Hail Near tornado winds demolished 5 buildings including a Methodist church. Tractor shed and peach loading equipment destroyed along with much roof damage. There was further evidence of the path of this particular storm 5 to 15 miles to the east-southeast of Center Point in the county. Tornado cloud was not observed and all damage indicated straight winds from a westerly direction.	
Antoine - Pike County	28	9:00 p.	?	?				3	4	Hail and wind	
Clark County	28	9:00 p.- 9:45 p.	?	?				3	4	Hail and wind This was a continuation of the hail storm from Antoine and western Pike County. This was hail intense enough to kill birds and rabbits. There was much damage to timber.	
Rison - Cleveland County	28	11:00 p.- 11:45 p.	12	3 miles				4	5	Hail and wind \$75,000 damage to crops in the vicinity from hail.	
Bradley County	28	Midnight	?	?				3	5	Hail and wind 60 percent of a \$4 million dollar tomato crop was a total loss.	
California Pt. Mugu	1	9:10 am								Funnel Cloud Funnel cloud was reported by observers at Naval Air Station.	
Sacramento	1	6:29 pm								Funnel Cloud Funnel cloud was reported by airway observer.	
Colorado Northeastern Plains	2-4								4	C	Snow, wind A snow storm of unusual severity for so late in the season began late on the second and continued into the morning of the fourth. High winds caused ground blizzard conditions and zero visibility over a wide area, and severe drifting of snow in some areas. Highways were blocked leading northward into Wyoming, in the Limon area, and between Colorado Springs and Denver. Freezing rain at the start of the storm contributed to outages of power and communication lines. Wind and blowing dirt damaged wheat and sugar beet crops in several areas.
Boulder	13	8-9 PM							4	0	Wind Wind unofficially measured at over 60 mph with gusts over 70 mph damaged a building under construction and some residences in South Boulder.
Connecticut											None reported
Delaware											None reported
Florida Fort Lauderdale	3	11:13a.									Funnel aloft
Sarasota	11	6:39 a.									Funnel aloft
Leon County	27	12:30p.					0	0	0	0	Hail Golf ball size hail reported 6 miles east of Tallahassee.
Duval County	27	3:00 p.					0	0	0	0	Hail Golf ball size hail reported 12 miles southwest of Jacksonville.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Georgia									
Gainesville	23	5:15 p			0	0	3	0	Hail
									Hail covered streets and sidewalks. Some golf balls. Damage relatively minor.
Elberton	23	7:02 p			0	0	3	0	Hail
									Stones up to one inch in diameter.
Atlanta, 16 miles southwest	23	7:25 p			0	0	3	0	Hail
									Three-fourths inch hail. Pilot at 15 MSL reported hail large enough to dent wing.
Montezuma	23	7:40 p					4	3	Hail and wind
									Hail damaged cars and caused some damage to peach crop in local area. Trees uprooted and electrical service interrupted by windstorm.
Trenton	23	8:00 p			0	0	5	0	Hail
									Cars dented and numerous windows broken by hail up to egg size. Glass stripped from neon signs. Scattered reports of light hail from several other sections of State.
Surrency, Appling County	27	p.m.	short narrow		0	0	3	3	Small Tornado and hail
									Storm reported by cooperative observer. Damage mostly minor.
Appling County	27	p.m.			0	0	4	4	Hail
									Storm covered a 5 mile strip about one mile wide across the southern part of the County. Several fields of corn, tobacco, grain and vegetables were destroyed or severely damaged. Roofs of several houses were damaged and leaves were stripped from trees.
Colquitt County	28	9:00 p			0	0	3	4	Hail
									Hail, almost as big as golf balls, fell in two areas of the County causing considerable crop damage and minor property damage.
Hawaii									
Islands	9-10				0	0	0	3	C
									Winds of 40 to 50 miles an hour did scattered crop and tree damage in exposed areas. On night of 9th, roof and tree branches blown off at Waianae, Oahu, and 9 inches of snow fell on Haleakala Summit, Maui, with 29° temperatures and gusts to 46 miles an hour. Snow reported down to 8,000-foot elevation. Hail (pea-sized) fell at Kulani Camp, Hawaii at 3:47 p.m. on the 9th, lasting 5 minutes, and at Upolu Point, Hawaii, on 10th.
Off Northwest Maui	10	5:20 p.			0	0	0	0	Funnel clouds
									Residents reported 5 funnel clouds moving towards Maui.
Off McGregor's Point, Maui	12	?			0	0	0	0	Waterspout
									Observed touching sea surface off McGregor's Point, southern Maui. No further details.
Eastern Maui	15-16	Night-Early Morning			0	0	0	5	C
									Rain
									Extensive flooding from torrential rains late 15th and early 16th severely damaged roads, culverts, bridges. Three-ton culvert from East Honomalee Stream carried 1/2 mile and deposited in pasture. Nineteen landslides and 6 bridge washouts between Kaeleku and Kipahulu. At Hana nearly 1-1/2 inches fell in 15 minutes, 5-1/4 inches in 95 minutes, and 16 inches in 24 hours ending at 8 a.m., the 16th. Army Engineers estimated \$288,000 damage to public roads, bridges and culverts, and \$23,000 to private facilities. Unknown amount of damage to cabbage, lettuce and tomatoes on east Maui.
Waimea-South Kohala Districts, Hawaii Island	20	Afternoon-Evening			0	0	4	5	Rain
									Heavy thunderstorm rains, with nearly 4-1/2 inches in less than 4 hours at Lalamilo Field during afternoon, did estimated \$125,000 damage to leafy vegetable crops in Lalamilo and Pukapu areas near Waimea, washed away 150 acres of fertile topsoil, and damage estimated at \$30,000 to \$40,000 to roads in Waimea and Kawaihae areas.
Idaho									
			None reported						
Illinois									
Monroe & St. Clair Counties	3	6:05p	25	50	0	0	5	0	Tornado
									Tornado first touched in Monroe Co. about 6:05p and moved northeast with intermittent track, mostly across tops of ridges, for about 11 miles. Second funnel formed about 1/2 mile to north with both touching for about 2 miles before 2nd funnel took over and continued to Belleville and O'Fallon. Most damage to farms and to subdivision on edge of Belleville with considerable straight wind damage along edges of path.
Clinton County	3	6:40p	8	50	0	0	5	0	Tornado
									Intermittent northeast path of farm damage from west of Albers to northeast of Breese with damage to buildings at edge of Breese. No serious injuries.
Illinois (continued)									
Williamson Co.	3	8:30p	1/2	100	0	0	4	0	Tornado, high winds
									A severe thunderstorm with high winds caused considerable damage to small buildings, frees, roofs, house trailers and utility lines as it moved northeast through Jackson, Williamson and Franklin Cos. from Grand Tower to Ziegler. A tornado touched briefly in western Williamson Co., destroyed a church and farm buildings, and badly damaged several houses. Only minor injuries reported.
Indiana									
Gary, near southwest edge of city	7	E.S.T. ?					1	0	3
									0
									Wind
									A woman was crushed when a 30-foot section of brick and concrete wall collapsed under high wind as she walked into a grocery store.
Terre Haute	14	Afternoon ?	?	?	0	1	3	0	Wind
									Falling tree limb slightly injured a small boy.
Reynolds, White County	14	1:14 p.	?	?	0	0	5	0	Tornado
									Tornado came from southwest and damaged several buildings.
Tipton, Tipton County (one mile north)	14	2:39 p.	?	?	0	0	4	0	Tornado
									Three small farm buildings damaged by tornado.
Seymour (8 miles northwest - in Bartholomew County)	14	3:25 p.	3	?	0	0	5	0	Tornado
									Homes and barns damaged on six farms. Considerable livestock killed. Some animals picked up and carried 100 yards by tornado. Cars and farm machinery damaged. Roar of the tornado gave brief warning to several families on farms just north of Jackson-Bartholomew County line.
Wheeling, Delaware County	14	3:25 p.	**200	Narrow	0	0	3	0	Tornado
									State police and residents reported seeing tornadoes at Wheeling and southeast of Eaton. Farm buildings destroyed.
Noblesville (near), Hamilton County	14	Afternoon			0	0	4	0	Wind
									House trailer and contents heavily damaged. Farm buildings damaged and trees blown down.
Farmland, Randolph County	14	Afternoon ?	?	?	0	0	3	0	Tornado
									Resident reported hearing noise of tornado which tore shingles from house, broke windows and downed trees in one small area in Farmland.
Waterloo (3 miles north and 1.5 miles east), DeKalb County	20	E.S.T. 5:40 p.	?	?	0	0	3	0	Tornado
									One barn was destroyed. Cloud moved northeastward.
Dupont (near), northwest Jefferson County and southern part of Jennings County	23	Early afternoon			0	0	4	3	Hail
									Hail did considerable damage to windows, aluminum siding on homes and to cars. Residents reported hail in two separate storms occurring about 30 minutes apart with stones ranging from penny size disk shaped to spherical stones up to 2 inches in diameter.
Cortland, Jackson County	23	3:30 p. to dusk	?	1 mile	0	0	3	3	Wind
									High winds blew soil from fields across a mile of Indiana Road 258 just west of Cortland. Road was closed and traffic detoured. The low visibility caused several minor auto accidents.
Iowa									
3S Hull, Sioux Co.	3	3:15 p.	1	100			4		Windstorm
6W Paullina, O'Brien County	3	3:20 p.	1/2	100			4		Tornado
									Struck 3 farmsteads, 2 funnels seen one of which touched ground.
6NW Marcus, Cherokee County	3	3:20 p.	1/2	200			1		Tornado
									Observed to touch down in open fields and moved NE.
Granville, Sioux County	3	3:45 p.							Funnel cloud
Sheldon, O'Brien County	3	3:45 p.							Funnel cloud
3N Monroe, Jasper County	3	4:00 p.	5	150			4		Tornado
									Moved NE, 35 mph.
2SW Primghar, O'Brien County	3	4:10 p.							Funnel cloud

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Iowa (continued)											
1E Sanborn, O'Brien County	3	4:14 p.							Funnel cloud		
Near Rock Valley, Sioux County	3	4:28 p.							Funnel cloud		
Statewide	6	Daylight	hours			5			Dust storm		
6SW Shenandoah, Fremont County	16	6:00 p.	2	200			4		Tornado		
									One farmstead with major damage.		
Northboro to near Coin, Page County	16	6:00 p.							Funnel cloud		
									Sighted at both towns.		
Hamburg, Fremont County	16	6:00 p.	1/2				3		Tornado		
									Tornado sighted between Hamburg and Shenandoah.		
4SW Monroe, Marion County	16	6:15 p.					4		Lightning		
Osceola, Clark County	16	6:20 p.							Funnel cloud		
SW Jasper County	16	6:30 p.							Funnel cloud		
									Two funnels sighted between Runnels and Prairie City, moved NE, 30 mph.		
Panora, Guthrie County	16	7:00 p.					4		Hail		
									Covered ground.		
Winfield, Henry County	16	8:00 p.			1		4		Lightning		
									Death caused by resulting explosion of chemicals.		
W side Lake Okoboji, Dickinson County	18	5:45 p.					4		Hail		
									3/4 inch diameter.		
S. Fremont County	19	9:30 p.					4		Windstorm		
SW and WC Iowa Divisions	19	10:30 p.					5		Windstorm		
									Moderate to heavy damages at Anita, Cromwell, Panora and Stanton.		
Near Yorktown, Page County	19	10:45 p.					4		Windstorm		
Tipton, Cedar County	20	6:50 p.					4		Lightning		
									\$30,000 damage.		
Garden Grove, Decatur County	22	6:25 p.							Funnel cloud		
									Moved ENE.		
SSW Chariton, Lucas County	22	7:55 p.							Funnel cloud		
									Moved N, 25 mph.		
Sidney, Fremont County	23	6:00 p.	1	200			4		Windstorm		
Statewide	23	During day & evening				5			High winds		
									Winds 40 to 50 mph. with gusts to 70 mph. most localities. Caused extensive damage mostly tree and line, but some buildings, autos and trailers sustained damage. Two storage bins at Manson destroyed with \$30,000 damage. Iowa City reported gusts to 85 mph. Damage estimated in excess of one million dollars.		
Near Fort Madison, over Mississippi River	28	7:45 p.							Waterspouts		
									Two funnels touched down into river.		
Kansas											
Morris County	3	1:50 a.			0	0	4	0	Wind		
									Damage occurred at several farms southeast of Alta Vista.		
Osborne County	13	5:00 - 5:30 p.	6	?	0	0	4	3	Hail		
									Hail up to 1 1/2" diameter reported from 1 mi. west to 7 mi. east of Alton.		
Northeastern one-fourth	13-14	10:00 p. - 1:00 a.	?	?	0	0	4	3	Hail, lightning		
									Mostly soft hail reported at scattered locations. Stones up to about 3" diameter fell in the Gypsum area and near Paxico. Lightning damage occurred in Osage County.		
Shawnee, Wabaunsee Counties	16	about 7:00 p.	27	?			4	0	Tornado		
									Tornado moved in a general NE direction and was on ground intermittently from Paxico to about 4 mi. southeast of Hoyt.		
Kansas (continued)											
Sumner County	16	about 7:00 p.							2 funnels aloft		
									Funnel reported 5 mi. SW of Winfield and another in the Wellington area.		
Cowley County	16	about 7:10 p.	3	450	0	0	4	0	Tornado		
									Tornado about 8 mi. SE of Winfield on ground intermittently as it moved northeast.		
Eastern portion	16-17	Eve. of 16, night of 16-17					0	0	4	3	Hail, wind lightning
											Most damage occurred over the northeastern one-fourth of Kansas. Wind caused damage in Cherokee and Shawnee Counties. Hail occurred as follows: up to 2 1/2" in diameter in the Junction City area; up to 2" locally in Butler County; up to 1 1/2" 3 mi. south of Manhattan; up to 1" locally in Washington County; and about 3/4" over portions of Leavenworth County. Lightning damage was reported from Greenwood, Shawnee, and Leavenworth Counties.
Elk, Greenwood Counties	19	about 6:45 p.	9	?	0	0	0	0	0	Tornado	
										Tornado formed 3 mi. south of Severy and moved NE to Fall River Reservoir.	
Eastern one-half	19	5:00 p. - 10:30 p.					0	8	5	3	Wind, funnel aloft
											A line of thunderstorms moved rapidly eastward, causing considerable damage. Winds injured a total of eight residents of house trailers at Topeka, Atchison, Derby, and near Labo. Damage was heaviest in Douglas County; losses of over \$50,000 occurred at the Lawrence Airport. A funnel aloft was observed 10 mi. NW Yates Center at 7:20 p.
Barber, Kingman Counties	21	3:00 p. - 4:10 p.	27	?	0	0	5	3	3	Tornado, 2 funnels aloft	
											Tornado, not on ground at all times, moved from 11 mi. SW of Medicine Lodge northward to 6 mi. W of Medicine Lodge, thence NE to Nashville at about 4:00 p., and ended 2 mi. east of Nashville. Two funnels aloft also were reported near Nashville about 4:00 p.
South-central portion	21	afternoon	?	?	0	0	5	4	4	Hail	
											Demaging hail fell in Edwards, Pratt, Barber, Kingman, Harper, and Sedgwick Counties. Largest stones were 2 1/2" + 2 3/4" diameter in the Medicine Lodge-Sawyer-Isabel area.
Sumner, Cowley Counties	22	about 1:50 p.									Funnel aloft
											Funnel aloft observed about 10 mi. WSW of Arkansas City, moving NE.
Shawnee, Douglas, Osage, Franklin, Johnson, Leavenworth Counties	22	3:00 p. - 6:00 p.	?	?	0	0	5	4	4	Wind, hail, 2 funnels aloft	
											Heaviest wind damage occurred in the Gardner area. Hail up to 1 3/4" diameter fell locally at Gardner about 5:05 p. and 10 mi. west of Fort Leavenworth at 3:56 p.; stones accumulated to 5-6 inches deep about 1 mi. SW of Richland. A funnel aloft was spotted 19 mi. SSW of Topeka at 3:15 p., moving NE; another was sighted 3 mi. north of Ottawa at 4:30 p.
Montgomery County	22	4:30 p.	?	?	0	0	4	0	4	0	Wind
											Strong wind badly damaged some buildings at Caney.
SPECIAL HAIL SUMMARY											
Hail Loss Clearing House reports indicate hail was especially severe on these dates in the following counties:											
13	Dickinson, Saline										
16	Clay, Geary, McPherson, Sumner, Wabaunsee										
19	Harper, Sedgwick										
21	Barber, Kingman, Reno, Sedgwick										
22	Harper, Osage, Sumner										
Kentucky											
Todd County	3	Night			0	1	4			Wind	
											Wind overturned trailer in the Stokes Chapel community, and a woman suffered a broken shoulder. Two barns were destroyed.
Daviess and Hancock Counties	3	Night			0	0	5			Wind	
											In Daviess County in the vicinity of Owensboro high wind associated with thunderstorm activity unroofed several industrial buildings, damaged a church, destroyed a concrete block building, and blew a house trailer more than 100 feet. Utility lines were downed and some homes were damaged. Winds at the Owensboro Airport were 70 to 75 miles per hour. In Hancock County there was widespread damage to houses, barns and trees.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1968

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
Kentucky (continued)											
Southwest	3-4	11:30 p.	40	70	2	30	6	?			Tornado
			The storm cut a swath beginning several miles north of Murray near a trailer court on Highway 641, moved northeast through Alamo Heights to about 2 miles east of Dexter, to the Aurora-Unity vicinity, across Kentucky Lake, Land Between the Lakes, Lake Barkley, across northern Trigg County, southern Caldwell County and into northwest Christian County through Pennyrite Forest State Park about 12:15 a.m. 4/4/68. At least 50 homes were damaged or destroyed in Marshall and Calloway Counties, many roads were blocked by trees and fallen utility lines. Land Between the Lakes had many downed trees. There was damage to at least 30 farms in Trigg County. There was extensive damage to a new lodge and to the forest in Pennyrite State Park, and farm buildings in adjacent areas. The path was reported to have been a half-mile wide along some stretches, a mile wide and 10 miles long in Trigg County, a mile long and 200 feet wide in the Pennyrite State Park.								
West	3	Night			?	5	?				Wind
			In addition to the damage caused by the April 3, 1968 tornado noted above there was considerable damage resulting from high winds associated with thunderstorm activity. Some of the counties affected were Hopkins, Calloway, Christian and Todd.								
Christian County	4	12:45 a.			0	2	4				Wind
			High wind injured a man and his wife, throwing them from their demolished mobile home; destroyed at least 2 barns and damaged a number of farm buildings. Downed utility lines and trees.								
Madison County	4	11:20 a.			0	2	3				Wind
			Two persons were injured when a tree fell on their car during a period of wind and rain.								
Todd County	4	a.m.			0	1	4				Wind
			One person was injured when a trailer was blown over by wind and two barns were blown down.								
South Central	4				0	0	6 ⁰	C			Flash floods
			Heavy downpours hit a multi-county area, producing flash floods which were reported to be most severe in Todd and Logan Counties. There were no reported deaths or injuries however there was extensive damage to houses and buildings (home and business buildings) in Russellville and in Guthrie, and loss of soil due to washing in a number of counties. At Russellville more than 6 inches of rain fell on the 3rd and 4th; 5.20 inches being measured on the 4th. 100 families were forced from their homes in Russellville, water in some sections was 11 feet high, and roads into the community were impassable. At Guthrie, water was 8 feet deep in some homes, 60 homes were evacuated, 10 business buildings were damaged, and U. S. 41 was flooded. Tobacco and other plants were washed away in a number of counties.								
Caldwell County	12	Night			0	2	4				Wind
			Two persons were injured when their trailer-home was destroyed by high wind.								
McCreary County	14	Night					4				Electrical
			A fire apparently set by lightning destroyed a planing mill at Stearns.								
Henderson County	14	After-noon			0	0	4				Electrical
			A fire apparently set by lightning destroyed a barn containing valuable furniture.								
Henry County	14	After-noon			0	0	4				Wind
			Several barns were blown down and trees were uprooted by high winds.								
South Central	14	4:00 p.			0	0	5	?			Wind, hail
			High winds hit Warren, Barren, Metcalfe, and Adair Counties. Trees and some utility lines were downed, roofs were damaged. At least 7 barns were blown down in Metcalfe County alone. Hail struck many areas. In Barren County stones varying in size from golfball to baseball were reported.								
Hardin County	14	4:30 p.			0	1	4	?			Wind, hail
			A nine year old boy was injured, several barns were blown down and a number of farm buildings were damaged. Several utility poles were downed, and the roof was blown from an Elizabethtown Airport hangar.								
Grant County	23	1:30 p.									Funnel cloud aloft
			A funnel-shaped cloud could be seen east of Williamstown. This probably was the cell observed on radar at 1:40 p.m. between Dry Ridge and Falmouth (probably the tornado which hit Falmouth about 1:45 p.m.)								
Kentucky (continued)											
Pendleton, Bracken, and Mason Counties	23	1:45 p.	25	50	5	360	7	?			Tornado, hail
			The storm touched down about 1 1/2 miles southwest of Falmouth, passed south and east of the business district of Falmouth, Pendleton County, about 1:45 p.m.; moved eastward into Bracken County, affecting the communities of Berlin, Bladeston and Chatam and others; moved eastward into Mason County, striking Dover about 2:15 p.m. Some residents of Dover reported seeing 2 or 3 funnels. Width of path was variable from less than 100 yards to 300 yards or more; the storm seemed to stay on the ground along most of the path. The storm dipped down into hollows between hills; about 2 miles east of Falmouth, a calf was found with a stick imbedded in its neck. The Weather Bureau cooperative observer at Falmouth, who observed the storm, stated that the funnel changed color from orange to gray to brown; that there was hail at Falmouth at 1:30, 1:45, 2:30 and 4:00 p.m. The storm apparently was preceded, accompanied and followed by large hailstones. A number of locations had 3 or 4 periods with hail during the afternoon. Size of hailstones varied from quarter to golfball to baseball size to as large as a reported grapefruit size. Four persons died in the Falmouth area, and one, near Augusta, in Bracken County. In the Falmouth area there were 350 injured; 250 were treated by hospitals or physicians while another 100 were treated at home for unreported injuries. In Bracken County there were at least 8 injuries reported. In the Dover area it was reported that two people were hurt seriously and that dozens of persons were treated for minor injuries. In Falmouth 380 houses, 40% of the city, were reported by the mayor to have been damaged to some extent; 180 destroyed; 100 with major damage; 100 with minor damage. In Bracken County 20 houses were reported to have been demolished, about 50 damaged; about 175 barns lost. In Dover it was reported that 115 of the community's 127 houses were damaged extensively; three churches and three trailers were destroyed and three business buildings were damaged. Just one home in Dover was not damaged. There was extensive damage to utilities and to municipal property in several of the communities affected. 500 to 700 persons were made homeless in the Falmouth area, and an estimated like number in the tornado path to the east of Falmouth. Tobacco plant beds were damaged by hail.								
Bracken and Mason Counties	23	2:30 p.			0	?	?	?			Tornado
			A witness stated that the storm hit the Dover area at 2:45 p.m.; that the storm backed up and came over the community a second time. This may have been the storm that struck to the west in Bracken County at 2:30 p.m., destroying several barns.								
Lewis County	23	After-noon			0	1	?	?			Wind
			A 16 year old girl was cut by glass when windows were blown out of her home 2 miles east of Concord. Buildings were unroofed and utility lines were downed. Several farm buildings were damaged.								
Taylor County	23	After-noon			0	0	?	?			Hail
			Hailstones 1 1/2 inches in diameter fell on a farm 2 miles from Campbellsville.								
Mercer County	23	5:00 p.			0	0	4				Wind, electrical
			Three barns were blown down near Shakertown village. A number of trees were blown down and some roofs were damaged.								
Clinton County	23	After-noon					?	?			Hail
			A heavy hail storm in the northwest section of the county damaged tobacco beds and broke several windows in houses.								
Mason County	23	After-noon				1					Hail, wind
			A first grade teacher at Minerva suffered an arm cut when bigger than golfball hailstones crashed through windows in her classroom. A mobile classroom was overturned.								
Green County	23	After-noon					4	?			Hail, wind
			In the Summersville area wind and hail damaged residential property (roofs, broke windows), blew down several barns and garages. Hail was reported to vary in size from golfball to baseball.								
Madison County	23	After-noon					2	?			Hail
			Hail reached the size of a quarter in Richmond but was not quite as large in other areas of the county (2 storms). Some windows were broken.								
Marion County	23	After-noon									Hail, lightning
			Lebanon and much of the county were pelted by hailstones, some as large as a quarter. Lightning struck a building doing minor damage.								

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
Kentucky (continued)									
Northern Bluegrass	23	Afternoon			1	7	7		Hail, wind
									Fruit crops in orchards in Boone County bordering the Ohio River suffered heavy damage from baseball size hailstones; At Petersburg windows were broken out and there were scattered reports of homes and automobiles damaged by hail. Hailstones were 2 1/2 inches at Jonesville, Grant County (1 p.m.) and 2 inches in diameter in the vicinity of Williamstown, Grant County (3 separate hailstorms). There was some wind damage to a house southeast of Williamstown. In Owen County hail golfball to tennis ball size damaged tobacco beds, window panes, cars. Large trees were downed in some sections. Large hailstones covered the ground in parts of Trimble, Henry and Carrroll Counties. At Williamstown, Grant County, a man was injured slightly when hit on the wrist by a hailstone. The hailstones were associated with a series of storms over a several-hour period.
Greenup County	23	3:55 p.			0	15	6	7	Tornado
									The storm struck in northern Greenup County. 20 to 25 houses were reported destroyed and 100 or more damaged in the communities of Sunshine, South Shore, Flat Hollow, Little White Oak, Siloam, and Schultz. It was described by residents as "a huge upside-down funnel...a yellow swirling mass...a giant cone from top to bottom". The storm moved down a hillside into a valley and up the slope of another hill.
Jessamine County	23	5:34 p.	2	50-75	0	3	5	7	Tornado
									Several persons were injured by flying glass. The storm moved from the southwest portion of the city through the center of the city and then northeast across farm land, a total estimated distance of about 2 to 3 miles. In the city there was wind damage to houses and other buildings, chiefly to roofs and windows of upper floors. One house was shifted off its foundation a few feet and one roof was blown completely off. Most of the damage in the city appeared to be the result of high winds associated with thunderstorm activity. However it is likely that a funnel cloud touched down in several instances along the path. At 5:45 p.m. a barn was picked up just northeast of the city and scattered over 60 or 70 acres of land; a 60-foot house-trailer was carried 20 feet across a stream and farm fencing and dropped on its top. Several other farm buildings were damaged or destroyed.
Wolfe County	23	p.m.			0	0	?	?	Wind, hail
									Wind damaged roofs, downed trees in the vicinity of Campton; hail damaged tobacco beds and trees. In Hazel Green hailstones "were almost as large as silver dollars, resembling flowers of some kind."
Oumberland County	23	Afternoon			0	0	40	C	Hail
									"The storm cut a swath from the southwest to the northeast part of the county. Stones larger than hen eggs cut leaves from the trees, flattened gardens, flowers, and broke windows out of homes. Hail covered the road on 61 South so much that it dragged the bottom of the cars, and sent up a cloud of steam from the pavement that forced drivers to halt their cars and wait."
Wayne County	23	1:00 p.			0	0	?	?	Hail, wind
									Hail was reported to be as large as golfballs in some areas in the vicinity of Monticello. There were no reports of serious damage.
Whitley County	23	3:30 p.			0	0	?	?	Hail
									In the vicinity of Oumberland Falls hailstones varying in size from marble to 1 inch or larger fell during a 15-minute period.
Metcalfe County	23	Afternoon			0	0	?	?	Hail
									3/4-inch hailstones fell in the vicinity of Summer Shade for a 3 minute period
Jefferson County	23	12:20 p.			0	0	?	?	Hail
									Hail reported 1 3/4-inch diameter in eastern suburb of Louisville.
Harlan County	23	2:00 p.			0	0	?	?	Hail
									Hail to 5 inches in diameter and to a depth of a foot reported on a mountain near Baxter.
Morgan County	23	4:00 a.			0	0	4		Electrical
									A home was destroyed by fire apparently set by lightning.
Franklin County	26	6:20 p.							Funnel cloud aloft
									Tornado reported by pilot about 28 miles northwest of Lexington.
Bath County	26	8:50 p.							Funnel cloud aloft
									A tornado was reported about 30 miles south of Maysville moving east.
Louisiana									
West Central North Central and Northeast Division	8-10				2	5	6	6	Rain, Flash flooding
									Almost stationary line of thunderstorms some 50 to 75 miles wide persisted over northern half of state on 8th and 9th. Largest official storm rainfalls were 12.62 inches at Mary (Sabine Parish), 9.63 at Winnfield (Winn Parish), 9.44 at Hodges Gardens and 8.81 at Natchitoches. Unofficial totals ranged from 12 to 14 inches in the area south of Natchitoches, around Natchez, Flora, and Bermda. More than 80,000 acres of lowlands inundated, rural bridges washed out and roads eroded, main highways closed, and some 150 families forced to evacuate in Natchitoches, Sabine and Winn Parishes. Crops washed out or drowned and planting delayed over wide area.
Acadia Parish	23	p.m.			0	0	3	0	Small tornado
									Small tornado destroyed barn, damaged another, overturned house-trailer, near Lyons Point, south of Crowley. Lady witness reported "dynamite boom" sound, saw barn lifted intact, move for some 50 yards then collapse and scatter. Associated with heavy thunderstorm and golf-ball size hail.
Most of State	27-29				0	0	?	?	Hail, wind, rain
									Numerous heavy thunderstorms in squall lines preceding cold front affected several areas during this period. Hail ranging from marble size to 3 inches in diameter was reported during afternoon and evening of 27th at several points in the Northwest and North Central Divisions. Some trees were blown down in Shreveport area where winds gusted to 55 m.p.h. at Barksdale AFB. State Police reported highway blocked between Palmetto and Melville (St. Landry Parish) by wind-fallen trees during mid-afternoon of 28th. Hail was reported during evening from Forbing (just south of Shreveport) and England AFB near Alexandria. One to 3 inches of rain in 1 to 2 hours during the evening in portions of Baton Rouge knocked out some electrical service and brought water into a few homes. Early on the 29th heavy rains up to 4 inches and high winds hit the Houma-Morgan City-Galliano area.
Maine Central and Southern									
	24-25				0	0	5	0	Wind and rain
									Most of the damage occurred over coastal and southwestern areas of the state, although some flooding along low-lands was reported along streams in southern Aroostook County and along south shore areas of Moosehead Lake. The Saco, Androscoggin and Kennebec Rivers flooded in places on April 25 and remained in flood in some areas for one to two days. Storm totals were mostly 2 to 4 inches of rain in west-central sections. Many basements flooded. Road washouts were numerous. Gale force winds broke tree limbs causing power interruptions in a number of communities. In at least two cases, falling tree limbs damaged automobiles in Bangor. A boat anchored off Camden was torn from its mooring and wrecked on the rocks.
Maryland									
Hagerstown	24	Early afternoon			0	0	4	0	Lightning
									Two homes in the area were struck by lightning. One was destroyed by fire; damage to house and contents was estimated at \$27,000. The second was damaged to the extent of an estimated \$3000. Also, about 30 utility lines were damaged by the storm.
College Park	30	4:20 p.			1	0	3	0	Wind
									A 12-year old boy was killed when strong gusty winds toppled a section of a newly built 17-foot high cinder-block wall, burying him in the rubble.
Eastern portion	30	Late afternoon			0	0	4	0	Wind, hail
									Strong gusty winds associated with thunderstorm activity brought mostly minor damage in many areas. Trees were toppled. Among the damage noted were a equipment shed of a canning plant knocked down and a trailer overturned in the Cambridge area. Some scattered hail, to the size of 1/2 to 3/4-inch, were reported but no damage was indicated. During the month, on the 4th, 24th and 30th, at least three cinder-block walls were knocked down by the wind; two of these were under construction.

See reference notes at end of table.

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APRIL 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Massachusetts Essex and Middlesex Counties	9				0	1	3	0	Wind
		Wind gusted to more than 50 mph with scattered light damage. A man was injured in Amesbury when his car was struck by a large wind-felled tree limb.							
Berkshire County	24-25				0	0	4	0	Rain
		Heavy rains apparently weakened supports of the Center Street Bridge in North Adams and caused it to collapse. Some streets and roads washed out. Some cellars were flooded. Rushing waters carried gravel, stones and sand into the streets, and rock and gravel slides were reported along Rr. 116. City crews worked through the night to clear the roads. Strong winds attended the rains and some trees were felled. Similar troubles locally in some other Berkshire County areas where rainfall also totalled 3 to 4 inches.							
Southern Bristol County	24-25				0	0	4	0	Wind
		Wind gusts to 43 mph were reported in the New Bedford area. Many tree limbs were broken. Other damage mostly minor, was widespread. Storm lasted from soon after sunrise on 24th to early morning of 25th.							
Boston	29	12:45 PM			0	0	0	0	Dust devil
		Dust devil by Southeast Expressway near the incinerator and junkyard moved to east, picking up and carrying considerable debris. Visibility reduced to near zero in whirl.							
Pepperell	29	2:15 PM	1/4	narrow	0	0	3	0	Dust devil
		With a loud "jet plane" roar, dust devil swept eastward through a trailer park, damaging trailers, car parts, TV aerials, and telephone line. Clothes were swept from lines and sheets of plywood sailed away.							
Franklin	29	2:30 PM	1/4	10	0	0	2	2	Dust devil
		Dust devil tossed a 400-lb. boat up into a tree, sucked a septic tank cover into the air, broke limbs, tore clothes from a line, and caused other miscellaneous damage. The visible funnel was described as "two telephone poles high," and had a loud whistling noise.							
Michigan Southeast Lower Peninsula	4	11 AM-4 PM			0	0	4	0	Wind-Thunderstorms
		Strong, gusty winds removed a portion of the roof and wall at Bush Manufacturing Plant in Clawson. Damage estimated at \$30,000. Additional wind damage occurred in Flint, Saginaw and Clio where plate glass windows were blown out, two cars smashed by falling trees and a house trailer destroyed by fire after it was blown from its foundation. Total damage estimated at \$6500. Minor damage was reported at Mt. Pleasant and Adrian. Peak reported winds in gusts, 58 mph.							
Lower Peninsula Michigan	8	AM-PM			0	9	5	0	Windstorm
		Prolonged period of high winds, peak gusts near 70 mph, caused widespread damage throughout the Lower Peninsula. The southern one-third of the state and Thumb areas were hardest hit. Nine persons were injured, some critically in a variety of ways. Objects propelled by the wind which struck people included: a boat, an awning torn from house three-fourths block away, newspaper kiosk in downtown Detroit. One was injured by a brick wall which fell on him, another by a tree limb which fell on his car and one person was lifted off her feet and dashed to the pavement. Trailers turned over while being pulled; one on I-75 (Flint), two on I-496 (Lansing), one on US-131 (Grand Rapids). At least ten other trailers were toppled from their parking sites and heavily damaged, some were occupied but no injuries to occupants were reported. Ten barns were either completely destroyed or heavily damaged, one was burned by an uncontrollable grass fire, total loss including equipment estimated at \$30,000. At Jackson, two planes were destroyed, one tied down had its wings snapped off; a second turned over while being taxied, loss \$7000. Numerous roofs on plants and apartment houses were damaged, largest single loss \$40,000 occurred at Hockeyland in St. Clair Shores. Several large sections of walls on buildings under construction were toppled, the \$13,000 damages at St. Johns High School being the largest single loss. Power lines, plate glass windows, signs and hundreds of trees fell victims of the wind. Top soils in the Clare, and Standish areas blackened the sky. Grass fires in many areas were fought by hundreds, one near Oscoda threatened the Air Force Base as over 3,000 persons joined the battle. In the Albion area, an							
Michigan (continued)									
		estimated 1200 to 1400 acres were burned over. It appears that no outbreak of severe thunderstorms or tornadoes has caused such wide-spread damage in Michigan since the Palm Sunday tornadoes of 1965.							
Southeast Lower Michigan	14	5-7 PM			0	0	4	0	Thunderstorms
		Scattered severe thunderstorms, strong gusty winds produced wind damage from Monroe northward through the Thumb area. The most concentrated damage occurred along a 15-mile path from just west of Capac to two miles north of Yale where trees and TV antennas were felled, portions of a barn roof torn off, one barn destroyed and three smaller sheds demolished.							
Frontier, Hillsdale County	23	12:50 PM	8	200	0	1	5	0	Tornado
		Funnel, first observed aloft, moved into Frontier from the southwest, touched down and lifted again northeast of town. Forty-six homes suffered various degrees of damage as did eight cottages on a nearby lake. One person suffered a minor cut on the hand from flying glass. Total damage estimated at over \$350,000.							
Big Rapids Mecosta County	23	1:53 PM	35	100	0	11	6		Tornado
		Tornado moved in a hopscotch manner northeastward through the central section of Big Rapids. Estimated damages to twenty-five homes and businesses exceeded \$500,000. The same storm appeared to be responsible for destroying a cottage near Paris and causing considerable damage two and one-half miles east of Marion where a funnel was reportedly seen. Five of the eleven injured were hospitalized; the rest mainly from the Wolverine Plant suffered cuts from flying glass.							
Pinconning, 6 S Bay County	23	3:30 PM			0	3	4	0	Thunderstorm-Wind
		Gusty winds accompanying a thunderstorm tumbled a house trailer over three times, injuring its occupants and demolishing the trailer.							
Southeastern Michigan	23	2-4 PM			0	0	5	0	Thunderstorm-Wind
		Scattered severe thunderstorms demolished a barn and flipped over two aircraft near Owosso. Trees were felled by the winds in many towns and brief power failures were common in many areas. Hail up to one-half inch in diameter fell in the Pontiac area. Near Port Huron; a barn, tool shed and garage were destroyed, loss estimated at \$10,000. Funnel clouds were reported in this area but none could be confirmed. A large barn was also destroyed by the wind near Manchester.							
Minnesota West Central through Northeast Counties	3-4				0	0	4	0	Heavy Snow, Freezing Rain, Wind.
		Heavy snow with local areas of freezing rain fell in a band 150 to 200 miles wide extending west central and southwestern counties northeastward through northeast counties. Snow accumulations generally 3 inches to as great as 1 1/2 inches at Park Rapids. Gusty winds drifted roads in northeast closing schools in Bovey-Hibbing areas. Ice accumulations and gusty winds Fergus Falls-Wadena area disrupted utilities.							
Belle Plaine 4SE Scott County	20	1:30a			0	0	4		Wind
		Gusty winds during severe thunderstorm blew 100 foot barn off foundation. Adjacent machine shed partially damaged. Several trees uprooted.							
Spring Valley 3N Fillmore County	20	10:00a	2	35	0	0	4	0	Tornado
		Tornado funnel-dipped down over one farmstead destroying garage and small building. Twenty-five trees uprooted.							
Racine Mower County	20	10:35a	?	20	0	0	3	0	Tornado
		Small tornado briefly touched down at one farm destroying feed racks, conveyor belts and all of the electrical equipment on feeders. Funnel Cloud first observed at Brownsdale 18 miles west of Racine at 10:15a.							
Austin Mower County	20	10:42a							Funnel Cloud
		Funnel cloud confirmed by Austin police.							
Waseca County	20	12:50p			0	0	0	0	Funnel Clouds
		Funnel clouds observed at Janesville at 12:50p; three funnel clouds south of Waseca at 1:10p; another funnel cloud near Waldorf at 1:17p. Sheriff reported no damage at all locations.							

See reference notes at end of table.

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APRIL 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Minnesota (continued)									
Eagle Lake LN Blue Earth County	20	11:5p	5	35	0	0	3	0	Tornado
			Tornado observed touching ground 1 mile north of Eagle Lake moving northeast touching down again 3 miles south of Madison Lake. Funnel photographed by Mankato Free Press. A funnel cloud aloft reported at St. Clair south of Eagle Lake.						
Meeker County	20	2:30p	?	?	0	0	0	0	Tornado, Funnel Clouds
			Brief tornado touched down at farm south of Marshall. Three funnel clouds observed over Lake Ripley just south of Litchfield. Eye witness stated cloud touched down in lake but pulled up before hitting shore.						
North Central and Northeast Counties	22- 23				0	0	4	0	Heavy Wet Snow, Wind
			Heavy wet snow falling evening of 22nd continuing through the 23rd combined with gusty winds to 40 mph brought about power failures. Snowfall greatest over northeastern counties with depths from 6" to 14" in and around Lake Vermillion. Duluth recorded over two inches of precipitation with rain turning to freezing rain then to finally 2" of snow. Power outages lengthy. Hundreds of traffic accidents Duluth-Hibbing area with vehicle traffic and airlines at a standstill afternoon and evening of 23rd.						
Mississippi									
DeSoto County	3	7:15PM	4 to 5	1/4	0	3	4	0	Tornado
			During rainy weather storm moved toward NE, and small tornado dipped down on Brights Community, 5 ENE Hernando. Red Cross reported destructive wind path 4 to 5 miles long and about 1/4 mile wide. Funnel not seen, but hearing a loud roaring sound, couple and 6-year son lay on the floor of 12 x 51 ft. 2-bedroom trailer. It rolled over several times and then "exploded"; large piece siding later found in top large tree about 150 yards away, other pieces scattered over area, all "with smooth edges as if cut by shears". Nearby house moved about 10 feet off foundation and inside severely damaged; further east several homes had roof or other damage and some barns reported blown down or otherwise damaged.						
Warren County	4	7:50AM	2	100	0	0	4	0	Tornado
			During cloudy weather with some showers small tornado skip-touched South Vicksburg in 3 areas (lat. 32.3°N, long. 90.9°W). In downtown Vicksburg 1/4-1/2 inch hail partly covered ground. Storm moved from SW toward NE; first removed roof Marion Parks newly constructed house and portions of roofs in nearby 2-block area; man who heard terrific roaring as storm approached said, "It was dark as night." Storm jumped across valley and in Hawkins Subdivision took several roofs away, downed power lines, and damaged up to 25 houses. Man said, "...I heard the wind rising and the rain getting harder...we got on the floor...this awful noise could be heard as the wind came over the house...after a minute or two the wind died down...the entire roof was missing from the porch." Less than a mile away at Waterways Experiment Station gusts to 62 mph were recorded at 7:50 AM. There was reported seeing one funnel come down to tree top level and possibly touch ground. Trees, etc. in damaged areas showed evidence of tornadic action; trees up to 12-18 inches diameter flattened, some sheared near ground and upper levels.						
Itawamba and Tishomingo Counties	4	9:30AM 10:20AM			0	0	4	0	Wind
			Damaging winds but no funnel seen. Highway Patrol reported some power lines and trees down; storm moving northeast. ITAWAMBA COUNTY: About 9:30AM high winds hit Fulton Centerville Community, smashed garage, blew tin from roof onto trees. TISHOMINGO COUNTY: Woman at Golden (lat. 34.5°N, long. 88.2°W) typing by window said, "A black mass of clouds appeared." Wind damage in Golden area about 10:20AM indicated as "didn't amount to anything too serious but will cause repair expense." There was some damage mainly to roofs and TV antennas; a house trailer was blown off its blocks and reported destroyed by fire.						
Lincoln County	23	3:40PM			0	0	?	?	Hail
			District Office of Mississippi Forest Service, Brookhaven (lat. 31.6°N, long. 90.5°W) reported heavy hail to 1 inch in diameter, Winds 25-35 mph.						
Lawrence County	23	3:30PM 5:30PM			0	0	4	4	Hail, Heavy Rain
			Storm believed to have moved from WW toward ESE. Hail fell over area approximately 8 miles long and 3 miles wide; began on west at about County line and extended to about 28 Monticello. Heaviest hail seemed to be S of highway 51. Dider residents indicated hail storm as worst in years, and 25 years (or more) since such big hail. Reports seem to indicate a hailfall for about 15 minutes near 4PM associated with a "real dark cloud" and "excessive precipitation." The "cloud seemed to turn and come back...with more wind, less hail and excessive rain...about 5:30PM." Some trees were blown down during heavy thunderstorms. The rain and wind damage path extended from W to E about 15 miles and about 10 miles wide. Hail covered ground, up to a depth of 2" and at least one report of up to 4". Hail the size of ice cubes or golfballs fell, with average						
Mississippi (continued)									
Lincoln County	23	4:14PM 4:34PM			0	0	?	?	Hail
			Storm moving from W towards E produced a one-mile-wide strip of hail through Brookhaven. The center of the storm was located within the city; minor damage was reported, the 1/4 to 3/4 inch hail knocked out car windows, did slight damage to roofs of houses and battered down gardens. The Sheriff's office indicated the hail fell for about 20 minutes, completely covering the ground. Further from the center, the hail only covered part of the ground. To the south of town minor damage was reported to greenhouses. The hail was accompanied by winds which toppled over a few trees and blew tree limbs into the roads.						
Lauderdale County	23	About 4:30PM			0	0	0	?	Hail
			Hail in County reported up to golf ball size with damage in some sections. At 4 S Meridian hail struck about 4:30PM and reported to have almost totally destroyed crop of a 2000 peach tree orchard. In Clarkdale Community hail ranged up to size of golf balls and about totally covered ground, but no damage reported. At Whynot, heavy damage to trees occurred.						
Clarke County	23	5:40PM 6:20PM			0	0	?	?	Hail
			Hail fell at 5:40PM over a one mile area at Enterprise and half-covered ground with stones of 1/2 to 1-1/2 inch diameter. There was another hailstorm at Enterprise about 30 minutes later, but stones much smaller. Reports of a good deal of roof damage at Stonewall (3S Enterprise).						
Leake County	23	10:37PM							Hook Echo
			Airlines reported radar hook echo 45 NE Jackson.						
Panola County	27	1:44AM 2:32AM			0	0	?	?	Hail
			Hail in Batesville area (lat. 34.4°N, long. 90.0°W). Highway Patrol at 1:44AM indicated marble sized hail mixed with rain; at 2:32AM hail between marble and golf ball size, thunderstorm appeared to be moving NE, considerable lightning and thunder, no wind.						
Walthall County	27	1:30PM			0	1	?	0	Lightning
			At Ebon, lightning struck pine in driveway then ran underground, reaching house, destroyed part of right end of living room, sent boards and splintered lumber into house and also northward into flower bed. Woman sitting in corner of room had 2 splinters of wood stick in her temple but reported not seriously hurt.						
Bolivar and Sunflower Counties	27- 28	8:45PM 8:00AM		100- 375	0	0	5	0	Thunderstorm, Funnel Cloud Aloft
			Violent thunderstorm, heavy rains, generally light hail and about 15 minutes of high winds moved from near Rosedale (lat. 33.8°N, long. 91.0°W) to near Drew with some property damage along a 30-mile path; about 100-375 yards wide; damage also in areas both to north and south of this line. Power outages scattered and ranging from a few minutes to several hours" in turn from near Rosedale, at Pace, near Delta Steam Electric Station (N of Cleveland), and then near Drew, Power company officials estimated winds to above 75mph in some localities; 40 poles downed, falling tree limbs broke some distribution lines. Telephone company reported extensive damage and trouble from winds and lightning in Bolivar and Sunflower Counties; the lightning was tremendous and constant, some 20 poles downed, 9 of which were N of Merigold. At 8:20PM radar indicated severe thunderstorm SW Rosedale. Highway Patrol reported thunderstorm over Rosedale about 8:45PM; it blew few roofs from houses, a few trees down; 2 trees fell on Country Club damaging roof and kitchen; otherwise little damage. In Gunnison (3NE/Rosedale) giant cottonwood tree fell, smashed store roof and broke fire hydrant. Gunnison residents who had their gardens planted said, "It looked like cows had chewed my greens to the roots"; another person said, "My onions look as if someone had cut them off with scissors." A newspaper indicated the storm cut a mile-wide swath through the countryside between Cleveland and Merigold, knocking down giant trees and inflicting minor property damage."						
			In Merigold - as well as other areas - the storm ripped leaves from trees and resident said, "It laid a 'carpet of green' over the city. At least 6 trees toppled, a few broken limbs but no serious property damage. In North Cleveland one house trailer was blown off foundation and smashed into another. The Bolivar Sheriff's Department at Cleveland indicated at approximately 9PM hail covered the ground; their report mentioned "Civil Defense advises some saw funnel in the country...Mostly - touched tops of trees in spots - wrung out tops - stripped leaves off some and uprooted trees in areas." Motorist on Highway 61 reported wind turned car around and set it down in ditch. The storm's effect on the agriculture is locally considered much more serious. The heavy rains again delayed already-late planting in water-logged fields; it was reported "some entire fields were swept clean where young plants were up."						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
Mississippi (continued)									
Leflore County	27	Before 11:37PM			0	0	?	?	Wind
		Highway Patrol reported: trees blown down N of Greenwood (lat. 33.5°N, long. 90.2°W); heavy rain and high wind at Greenwood.							
Yazoo County	28	2:20AM 2:40AM			0	0	?	?	Hail
		Hail in Satartia area, covered ground to depth of 1 inch with stones averaging 1/2" and largest 1". Some think wheat damage heavy, also some roofs may develop damage later.							
Sunflower County	29	1:30AM 2:00AM	10	*1	0	0	?	?	Hail
		Rather heavy rain and lightning storm moved from W to E; hail from vicinity Baird through town of Moorhead and about 1 mile south and on to Leflore County line. Ground barely covered, hail averaged 3/4" with some flat stones about 2" long. Damage reported to some roofs and 300 acres of wheat.							
Missouri									
Licking (Texas County to Lenoxx (Dent County	3	3:45- 4:00 PM	13	100					Tornado
		A tornado touched down just southwest of Highway 32, 1-1/2 mile NW of Licking and moved northeast to cross Highway 63 2 miles north of Licking. The tornado apparently lifted momentarily about 1-1/2 miles beyond Highway 63 and descended again on the west edge of Maples, Missouri causing intermittent destruction of barns, out-buildings and timber to a point on Highway D 1-3/4 mile east of Lenoxx in Dent County.							
Jefferson County	3	6:00 PM	7-1/2						Tornado
		A small tornado caused damage to homes, barns, sheds and timber along an intermittent path from a point on Route NW 1/10 mile north-west of Fletcher, Missouri through the Lake Ware area and Ware, Missouri to a point 2-3/4 miles west of Hillsboro, Missouri. This damage path ends about 30 miles southwest of some subsequent tornado damage reported beginning about 8 miles southwest of Belleville, Illinois.							
Madison County	3	7:05 PM	13	300- 800			5		Tornado
		A tornado touched down 4.2 miles east and 3.3 miles north of the southwest corner of Madison County. It moved northeast to cross the northwest edge of Saco, Missouri up Highway G to enter the Clark National Forest 3.5 miles west of Highway 67 and across heavily timbered lands to cross Highway 67 and lift 1-1/2 mile south of the intersection of Highway 67 and State Route G. Two homes were destroyed in Saco and damage occurred to scattered homes and barns along the path but the majority of the destruction was confined to heavily timbered areas. An aerial survey indicates a total of 900 acres of National Forest timber destroyed along the path with about an equal amount on private lands.							
Bolinger County	3	7:30 PM	2-1/2				5		Tornado
		A tornado destroyed three barns and a house trailer and damaged other buildings along a 2-1/2 mile southwest to northeast path beginning at a point 2.3 miles west of the intersection of Highway 51 and Route 00.							
Perry County	3	7:45- 8:15 PM							Thunderstorm Winds
		Damaging thunderstorm winds hit eastern Perry County with the heaviest damage occurring in Cross Town, Missouri and in a narrow strip along the Mississippi River southeast of Altenburg on the southeast tip of Perry County. Although some reports suggested that both of these damage paths were of tornadic origin, the evidence was inconclusive. The damage southeast of Altenburg at 7:52 PM was, however, followed by a tornado report at 8:15 PM 23 miles north-east, near Carbondale, Illinois.							
Northwest Missouri	13- 14	11:00-PM 2:30 AM							Thunderstorm
		Severe thunderstorms with damaging winds, moderate rain and considerable lightning caused widely scattered minor wind damage reports and several fires. The majority of the damage reports originated in an area between Kansas City, St. Joseph, Marshall and Chillicothe, Missouri.							
Marshall, Saline County	14	2:55 AM							Thunderstorm
		Lightning set a building on fire.							
Northwest Missouri	16	6:00 PM- 11:00 PM							Thunderstorm
		Severe thunderstorms with wind gusts between 50 and 70 miles per hour and hail up to 3/4 inch caused minor damage in many locations north and west of a line from Harrisonville in Cass County to Sedalia in Pettis County, to Princeton in Mercer County.							
Missouri (continued)									
Atchison County 11-1/2 N Rock Port	16	6:05 PM							Tornado
		A tornado touched down briefly doing minor damage on a farm on the east side of Highway T, 11-1/2 miles north of Rock Port and 1/2 mile south of the Iowa State line.							
Watson 1 NE, Atchison County	16	6:16 PM	1	33					Tornado
		A small tornado touched down briefly to destroy a house trailer and some sheds on a farm 1 mile northeast of Watson, Missouri. Funnel clouds aloft were reported from many locations in northwest Atchison County between 6:00 PM and 7:00 PM CST.							
Sedalia, Pettis County	16	11:16 PM							Thunderstorm
		Hail 3/4 inch diameter.							
Farmington, St. Francois County	17	7:15 PM							Thunderstorm
		Hail 3/4 inch diameter.							
Extreme Western Missouri	19	9:00 PM- 12:00 PM	4 1/2	100			5		Thunderstorms
		Numerous severe thunderstorms occurred over the extreme western counties of Missouri producing damaging winds at many locations and several tornadoes enumerated below. Damage reports were most numerous in Newton and Jasper Counties and from Cass County northward to the Iowa line. Particularly damaging winds hit 2 miles NW of Gardin City, Missouri and between Pleasant Hill and Harrisonville Missouri in Cass County and in the Cosby and Rosendale areas of Andrew County.							
Newton County, 2 E Seneca	19	evening	1						Tornado
		A small tornado caused intermittent complete destruction to ground level along a narrow southwest to northeast path beginning 2.2 miles east of Seneca and extending up Spring Valley.							
Gentry County and DeKalb County (Near King City)	19	10:15 PM	4-1/2	100					Tornado
		A small tornado destroyed several sheds and damaged several barns along a skipping path from 2.2 miles south of King City on US 169 in extreme N DeKalb County and moved northeastward to cross Route Z 3 miles east of King City and finally lift about 1/2 mile beyond this point.							
Western Missouri	22	5:30 PM- 7:00 PM					5		Thunderstorms and Funnel Aloft
		Severe thunderstorms with numerous reports of gusts of wind up to 60 miles per hour and 3/4 inch hail crossed the Kansas City metropolitan area and moved east-northeast into Lafayette and Ray Counties. Several funnel clouds aloft occurred in southern and eastern Jackson County. Damaging winds, hail and funnel clouds aloft occurred during this same period in Cass and Johnson Counties and in Newton County.							
Randolph County (Near Moberly)	26	4:00 PM							Tornado
		A small tornado attached to a small isolated cumulonimbus was observed to form rapidly, descend, unroof a house and dissipate. The roof was observed to go up an estimated 75 to 100 feet. The damage occurred 1 mile north and 1-1/2 mile west of the intersection of US Highways 24 and 63.							
Montana									
Glasgow, Valley County	10	Afternoon			1	0	0	0	Wind
		Wind caused the collapse of an abandoned building and a roof section struck and killed a 4-year old boy playing nearby. Strong winds were reported throughout northern and central Montana April 10-12.							
West of the Contin- ental Divide	30	Afternoon	225	*125	0	1	5	0	High wind
		High gusty winds accompanying a Pacific front caused considerable damage over most of the area west of the Continental Divide. The Missoula and Kalspell Weather Bureau Airport Stations reported wind gusts of 46 MPH. Unofficial estimates of gusts and wind speeds of over 50 MPH were reported other areas. At times, near zero visibility from blowing dust closed U. S. Highways No. 2 and 93 in the Kalspell area, and 93 near Pablo (Lake County). The blowing dust caused a five-car collision near Pablo, which injured one driver. Ten other accidents occurred between Kalspell and Whitefish. Blowing sparks from sawdust burners set off fires in sawmill yards. There were 41 wind caused fires in Flathead and Lake counties. Two of these were forest fires in Flathead County.							

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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		
Montana (continued)										
			one of 20 acres and started a fire that destroyed a sawmill at Hall, a small community on U. S. 10-4, Granite County. Sparks from this fire ignited haystacks one-fourth mile away. A patrolman at the fire estimated wind speed at 70 MPH. Damage was reported to power and telephone lines, highway signs, trees, and buildings throughout the wind area. Flathead and Lake counties suffered most from this storm.	the other 30. Sparks from a welding torch started a fire that destroyed a sawmill at Hall, a small community on U. S. 10-4, Granite County. Sparks from this fire ignited haystacks one-fourth mile away. A patrolman at the fire estimated wind speed at 70 MPH. Damage was reported to power and telephone lines, highway signs, trees, and buildings throughout the wind area. Flathead and Lake counties suffered most from this storm.						
Nebraska										
Panhandle and North Central Nebr.	3	All day			6	?	6		Blizzard	
			Severe blizzard of short duration. Entered northwestern corner late 2nd, moved rapidly over Panhandle and north central by evening of 3rd. Roads blocked quickly. Six deaths due to exposure and freezing. Three additional deaths due to indirect causes plus injuries from storm-related accidents. Local heavy loss of livestock but brevity of storm limited widespread major loss. Precipitation began as rain and progressed through various forms. Ice brought down power lines in some areas, particularly in Perkins Co. Statewide benefits from needed moisture probably exceeded damage losses.							
Southern Nebraska	15	6p-6:40p			0	0	4	0	Tornadoes(2) and Funnel Clouds	
			Numerous funnel clouds were observed in Pawnee, Johnson, Nemaha, and Richardson Counties between 6 p and 6:40 p. Funnel formation seemed to occur over a wide area at about the same time rather than progressing from one locality to another. Two of the funnel clouds touched down briefly doing damage to trees, sheds, etc., one near Table Rock and one near Auburn.							
Nevada			None reported							
New Hampshire										
Alton	13	afternoon			0	0	0		Dust devil	
			Eye-witness reported high dust devil (1000 ft. high) in the woods "a couple of miles" south of Alton Bay. He heard loud reports, possibly due to trees being broken.							
Keene	20	4:19 PM	short	10	0	0	3	0	Dust devil	
			Dust devil was observed on Keene Airport area by a pilot. Dust devil was seen to lift a light aircraft about 50 feet into the air. Aircraft was completely wrecked when it fell to the ground. Other aircraft parked nearby were untouched. Weather at the time was: broken clouds estimated at 5000 ft; visibility more than 15 miles; temperature 66°; dew point 45°; wind out of the east at 5 knots; and altimeter reading 29.94 inches.							
Central and East-Central	24-25				0	0	4	0	Rain	
			Washing and flooding rains totalling from 2 to locally over 4 inches caused considerable erosion and road washouts. Flash flooding of small streams occurred and water backed up into many basements. Heaviest rainfall totals in Carroll County and extreme southern Coos County. The Pemigewasset River exceeded flood stage at Plymouth for awhile on April 25.							
New Jersey			None reported							
New Mexico			None reported							
New York State	4	p. m.							Wind	
			Winds gusting to 50 to 60 mph. affected most upstate areas, causing scattered damage to trees, power lines and buildings. Collapse of roof and partial destruction of north wall of theater occurred at Dunkirk, Chautauque County. Debris from demolished wall fell through roof of adjacent store with considerable damage to structure and contents. Downed trees, limbs and utility lines as well as broken plate glass windows were reported from such widely dispersed cities as Rochester, Malone (St. Lawrence Valley), Little Falls (Mohawk Valley) and Nyack (lower Hudson Valley).							
Eastern third	24	p. m.							Rain	
			Heavy rains of 2.0 to over 3.5 inches fell east of line running from western Catskills to Lake Champlain with near 2.0 inches greater New York City area. Heaviest totals 3.9 inches at Catskill, Greene County, 4.1 inches at Slide Mountain, Ulster County and 4.3 inches in unofficial measurement in southern Greene County. Local flooding of many highways and some lowland flooding along tributary streams in the mid-Hudson River Valley. Highways temporarily closed in northern Catskills from landslides loosened by rain. High winds caused scattered power failures, especially in Beacon area of Dutchess County. Storm, one of heaviest April rains in eastern valleys in many years, was beneficial in terminating long dry spell as well as an extreme fire hazard in grass and woodlands.							
North Carolina										
Greene, Wilson Counties	5	6:00pm						4	0	Wind
			Several tobacco barns and other outbuildings demolished in two separate areas. Trees and power lines down. Farm machinery damaged.							
Caldwell County	19	1:50pm	short	narrow	0	0	4	0	Dust devil	
			Roof removed from masonry building and three automobiles damaged by flying debris. Skies were reported clear at the time. Man in a nearby building reported seeing "a funnel-shaped wind, looking like a whirlwind, sucking up dust and dirt". A noise like a subdued diesel train was reported.							
Beaufort County	24	5:00pm	2	200	0	0	4	0	Tornado	
			Storm moved southwest-northeast along a skipping two mile path near Bayview, doing structural damage in three small areas and breaking trees at scattered points along the path. Several barns and other outbuildings destroyed, one dwelling damaged. Trees up to two feet in diameter twisted off above ground.							
North Dakota										
Entire state	2-3				0	0	0	0	0	Snow storm
			A heavy snow storm moved slowly across the state on the 3rd and 4th. Snowfalls of from 1" in the south to 6 to 12 inches in the north were reported. Gusty winds caused some drifting. Roads throughout the state were hazardous. Some schools closed.							
Ohio										
Fostoria and North-east Ohio	10	Afternoon -Evening			1	0	4		Wind	
			Wind was blamed for the death of a worker on a building in Fostoria. The man fell from a roof when a strong gust of wind caught a sheet of metal and knocked the man from the roof. A peak wind gust of 64 mph was recorded at the Akron-Canton Airport. Wind ripped a garage and part of a home near Genfield. At Massillon, wind toppled a tree against an apartment building and knocked out a lumber company's 7 foot front window.							
Entire State	14	Afternoon -Evening			0	0	6		Wind, electrical, hail and rain	
			A very active cold front moved across the State on this Easter Sunday. Thunderstorms, some with hail and damaging winds accompanied the front. Many areas reported winds of 40 to 50 mph. Wind damage was especially severe in the Cincinnati area where 200 homes sustained damage estimated at \$300,000. In Oak Harbor the wind tore the roof off a supermarket while a Sandusky area farmer lost his barn. At Fremont a roof was blown off a home and its garage was demolished, a truck garage collapsed, and a new large concrete block wall toppled. Several farm buildings and homes were damaged or destroyed in Defiance, Madison, and Putnam Counties. A lightning set fire destroyed a Clinton County barn. A house trailer was rolled over resulting in \$6,000 in damages at Bloomsdale. A large concrete block garage was demolished near North Baltimore. Trees and utility lines were down in many areas. There were many reports of small hail from these storms. Rainfall amounts were generally between 0.3 and 0.8 inch.							
Findlay Area, Hancock County	14	5:35p							Funnel aloft	
			A funnel cloud was observed near Findlay. The funnel was not observed touching the ground.							
Glen Este, Newtonsville, Blanchester (SalE), Clermont, Brown, and Clinton Counties	23	1:56p	25	50-1300	1	29	6		Tornado, hail, and rain	
			This tornado first touched ground in the vicinity of Glen Este and then moved northeastward at 40-45 mph crossing Route 50 east of Parintown, just east of Newtonsville, and lifted about 3 miles east of Westboro (Clinton County). Between Glen Este and Newtonsville, 5 homes and 1 house-trailer were demolished. Heaviest damage occurred across a mile or more of terrain paralleling state route 131 east of Newtonsville. In this immediate area 30 homes and 50 barns were totally destroyed. A 13 year old boy was killed when his home was completely demolished. More than 100 persons were left homeless. Injuries (29 persons) ranged from bruises to broken bones. The width of the funnel was only 50 to 100 yards in the Glen Este area but the path width increased to nearly 3/4 mile near Newtonsville. The storm lifted after passing through a woods east of Westboro. Many people reported hail and a deafening "roar".							
Fayette Area, Fulton County	23	2:15p	Short	100	0	0	4		Tornado	
			A tornado touched ground 2 miles southeast of Fayette. Damage was confined to a barn (roof), communication and power lines, and a grove of trees. Witnesses reported hearing a loud roar. The storm moved toward the northeast.							

See reference notes at end of table.

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APRIL 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Ohio (continued) Ripley to Lucasville, Brown, Adams, and Scioto Counties	23	2:20-3:20p	50	400 to 700	1	4	6		Tornado, hail and rain
									At about 2:15 PM a Dover, Kentucky resident reported he saw 3 funnel clouds. The main funnel apparently moved across the Ohio River between Lewanna and Ripley and moved up Chicken Hollow Road, 3 miles north of Ripley on U. S. 62. However, inspection of the damage in Ripley itself revealed that a tornado also skipped through the town. A woman was killed and her son injured when the main twister disintegrated their trailer home on Chicken Hollow Road. In the Ripley area 30 homes were severely damaged and 40 barns were totally destroyed. A Ripley man took a baseball and a hailstone to a newspaper office to be photographed as proof that baseball size hail fell in Ripley. Highways were sheeted with water, many basements were flooded with water and creeks ran bank-full after the deluge that followed the storm. The main tornado moved in an easterly direction at about 30 mph. Seventeen barns were leveled near Decatur. The Adams County Sheriff estimated that at least 25 houses and barns were damaged or destroyed and that 4 house trailers were torn up as the storm moved across Adams County. One man was preparing to tow his trailer when the storm struck in the vicinity of West Union. This man and his helper both took shelter in the trailer which was torn to bits. Both men were hurled 30 to 80 feet through the air and one sustained fractured ribs and a broken nose. Damage also occurred in the vicinity of Otway, Kentucky and Lucasville. It is believed that this tornado struck Falmouth, Kentucky at about 1:45 PM (A cancelled check from Falmouth was picked up in a field near Roxabell (Ross County), Ohio at about 7 PM.).
Sylvania Area, Lucas County	23	3:25p							Funnel aloft
									A funnel aloft was spotted 5 miles southwest of Sylvania moving eastward. The funnel was not observed touching the ground.
Columbus Area, Franklin County	23	3:25p							Funnel aloft and hail
									An off duty Air Force weather observer reported a funnel cloud aloft and 3/4 inch hail in a trailer park just south of Lockbourne which is 12 miles south of Columbus.
Columbia Center to Alexandria (Licking County)	23	3:30p	7.5	200	0	0	5		Tornado and rain
									A tornado touched down in a pasture field about 2 miles northwest of Columbia Center. Moving on a northeasterly course at a speed of 45 mph, the storm picked up a 500 pound calf which was later found 0.3 mile away. At this point a barn and 2 houses sustained damage. The storm then moved across some woods and open fields prior to striking 2 homes on Route 310. The funnel then skipped over some woods and fields before striking an apple orchard. A garage was destroyed and a barn heavily damaged on county road 25. A 2 by 4 was driven through the wall of the home and protruded into the living room. A farm on Route 16 was heavily damaged as all buildings were flattened except the farm house. The storm then skipped to Alexandria where part of the school's roof was torn away and considerable other roof damage was reported. Trees lay in all directions along the storm path. Many persons witnessed the funnel and heard the roar. Heavy rains caused additional damage to homes with damaged roofs.
Minford Area, Scioto County	23	3:30p	5	100	0	1	5		Tornado, hail, and rain
									A tornado passed just south of Minford and near the Scioto County airport where 7 small planes were damaged and 5 were completely destroyed. Winds at the airport were estimated at 110 mph. Moving in an easterly direction several farm buildings were destroyed, one home completely demolished, and several homes sustained variable amounts of damage. One man was severely injured when caught in a concrete block barn that collapsed. Golf ball size hail covered the ground in some areas. Heavy rains were also reported.
Wheelerburg to Gallipolis: Scioto, Lawrence, and Gallia Counties	23	4:05-4:55p	38	200 to 600	7	92	6		Tornado, hail, and rain
									A tornado moving in an east-northeast direction at a speed of 45 mph crossed the Ohio River from Kentucky and first hit a train leaving several cars overturned. The storm then crossed Route 52 into the northwestern portion of Wheelerburg. In the Wheelerburg area, 7 persons were killed and 75 injured while about 550 homes were destroyed or sustained damage. Golf ball and baseball size hail and heavy rain were reported in this area. The majority of injuries and personal property damage occurred in a residential area on Dogwood Ridge Road (about 4 miles ENE of Wheelerburg). After leaving this community the storm skipped its way through a sparsely populated rural area to Gallipolis. Damage was reported near Lyr. About 2.2 miles north of the junction of State Routes 161 and 233 (in 233) the width of the funnel was nearly 0.4 mile wide. In this area, 1 home was completely demolished while another lost its roof. Baseball size hail was reported about 6 miles south of Rio Grande on Route 325. At this point trees to the north along the storm's path lay generally toward the west while those to the south were laying mostly toward east and those in the middle were twisted in all directions. In the Gallipolis area damage was heaviest along Chillicothe and Mc Cormick Roads where 6 house-trailers, 8 homes, and 4 farm buildings were demolished or damaged.
Ohio (continued)									Heaviest damage, however, occurred on the grounds of the Gallipolis State Institute where 15 buildings sustained moderate to heavy damage. State officials have estimated damages at the institute to be \$230,000. Damage in Scioto County was estimated at \$2,000,000.
Tiffin Area, Seneca County	23	7:48p							Funnel aloft
									A funnel cloud was observed 7 miles south of Tiffin. It was not observed touching the ground.
Fremont Area, Sandusky County	23	8:00p							Funnel aloft
									Ohio Highway Patrol reported the sighting of a funnel aloft 10 miles east of Fremont.
Attica Area, Seneca County	23	8:15p							Funnel aloft
									A funnel was sighted just south of Attica but was not observed touching the ground. Movement unknown.
Scattered Areas Throughout State	23	Afternoon - Evening			0	4	5		Wind, electrical, hail, and rain
									A very active cold front left a trail of damage and destruction across the state. Wind damage occurred along a Leansburg-Greenfield-Roxabell line. A barn and house were damaged 1 mile south of Leansburg. Heaviest damage in Greenfield was at a bowling center where the wind blew out a wall and caused \$25,000 damage. Three patrons received minor injuries as the wall tumbled. Minor damage was sustained by several other buildings in this area. In Roxabell, the storm demolished several sheds, damaged the roofs of several barns and homes, and downed numerous trees. Wind took the roofs off 2 garages south of Medina. Lightning set fire to a Ravenna warehouse (damage was set at \$35,000). An Akron man was injured when lightning struck a transformer and traveled along the wires to the machine where the injured man was working. A Sandusky area motel sustained heavy damage as glass doors were smashed, sections of the roof were tipped away, and two signs tumbled. A Youngstown appliance building sustained \$10,000 damage as a temporary roof was blown away allowing heavy rains to pour into the building. Wind blew a porch from its home and the debris struck a moving car near Carrollton. Strong winds damaged several farm buildings in the Wellie-Frasenburg area (Geobobou County). Hailstones ranging in size from a quarter inch to 2 1/2 inches were reported within several counties. A home near Lebanon was struck by lightning and the resulting fire caused considerable damage. Wind gusts to 70 mph were reported at Fremont.
Oklahoma Sayre area, Beckham County	2	8:50p.-9:00p.	1 1/2	350	0	0	4	0	Funnels aloft and tornado
									Two funnels aloft were reported by the Oklahoma Highway Patrol 12 to 15 miles southwest of Sayre at 8:50 p.m. Thunderstorms were moving northeasterly across the Sayre area at 30 MPH when a tornado touched down at the northwest limit of the city at about 9:00 p.m. Two barns were demolished and a home was blown off its foundation and then the tornado skipped northeast for 1.4 miles to the north edge of the city where it damaged a granary, an airport hangar, and a barn, and unroofed two homes before lifting. Downed power lines caused electrical outages for 1 to 2 hours.
Northwest part of Washita County	2	9:51p.-9:55p.			0	0	0	0	Hail
									Hail up to 1-inch size fell briefly at Clinton-Sherman Air Force Base. No damage was reported.
Okeene area, Elaine County	2	11:00p.			0	0	4	0	Wind and funnel aloft
									A north-to-south line of thunderstorms moved towards the east across the area at 20 to 25 MPH. High winds were believed to be associated with a low-hanging funnel aloft and demolished two barns, flattened a garage, unroofed a granary, uprooted trees, and tore down 3 highline poles on scattered farms to the south of Okeene. One farmer reported that from his storm cellar the wind sounded like a "jet" going overhead for about a minute.
Noble and Kay Counties	3	12:10a.-12:30a.	11	100	0	0	4	0	Tornado
									A tornado touched down 1 mile east-southeast of Billings where a nearby unoccupied home was completely dislodged from its foundation. The apparent zig-zag path led to the northeast where a trailer home was toppled at I-35 interchange on SH 5 and a truck driver reported the back glass was sucked out of his truck cab. The next touch-down was reported just southwest of Tonkawa where debris indicated two crossings of the Skit Fork River. A roof was removed from a large barn 1 mile west of Tonkawa and two nearby homes damaged. The last touch-down was indicated 7 miles southeast of Blackwell where a farmstead was damaged. Stingles were ripped from the house and a picture window glass pulled out by the suction. An extra large chicken house was wrecked and trees damaged.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
Oklahoma (continued)									
Noble County	3	12:15a.-12:45a.	4	100	0	1	4	0	Tornado and wind
									A tornado path was apparent from the 4-mile damage path leading northeastward from north of Orlando across the southeast side of Perry to the dump grounds on the northeast edge of the city and then northward for 2 more miles. No tornado was observed during the blinding rain but one touch-down occurred in the vicinity of First and Cedar Streets and First and Birch. One home was moved 6 feet off its foundation with one of the three sleeping occupants injured slightly. A nearby home had windows sucked out and several others were damaged, two garages were demolished, TV antennas were twisted, and a hay barn was blown down at the south edge of the city. Electric service in the southeast part of the city and 250 telephone services were knocked out. Heavy tornado damage was indicated at a drive-in theater 2 miles north of Perry where car speaker units mounted on poles were found as far as a half-mile north of the damaged theater. Other wind damage was indicated on three farms 6 miles north-northeast of Perry where a barn was destroyed and five other homes and buildings damaged. A hog ranch northeast of Red Rock was also heavily damaged.
Oklarche area, Canadian County	3	12:55a.							Funnels aloft
									Police spotted at least two funnels aloft 1.5 miles southeast of Okarche.
Pawhuska, Osage County	3	About 1:30a.			0	0	5	0	Wind
									Southerly winds blew down the huge steel framework of the Sequoyah Mills plant under construction at Pawhuska. The open framework was 75 percent erected when its structure of 30-inch girders was felled by winds estimated at 50 to 75 MPH. Rain accompanying the storm totaled 1.64 inches at Pawhuska.
Kingfisher, Kingfisher County	9	About 8:50p.	Short	Narrow	0	0	0	0	Hail
									Scattered hail up to 3/4-inch size fell in the city without causing damage.
Grant and Kay Counties	16	About 4:30p.	30	*10	0	0	3	0	Wind
									Strong southerly winds occurred across the Medford-Blackwell area. Gusts were observed up to 56 MPH at Blackwell near 4:30 p., while strong winds in the Medford area damaged dozens of TV antennas, numerous roofs of homes and outbuildings, signs, and blew in a plate glass window.
Ruid, Garfield County	16	6:30p.-6:40p.			1	0	0	0	Electrical and hail
									An Ruid golfer was struck by lightning and knocked unconscious on the Meadowlake Park Golf Course. He was revived with a resuscitator but was dead on arrival at a local hospital. Hail up to 3/4-inch size was reported in the 1100 block of West Cherokee in the city while stones up to 2-inch size fell at Vance Air Force Base and to the south of Ruid.
Waukonis, Garfield County	16	7:15p.							Funnel aloft
									A funnel aloft was observed one mile south of Waukonis where it moved eastward for a brief period without touching the ground.
Logan and Garfield Counties	16	7:20p.-7:30p.	20	*5	0	0	7	7	Funnel aloft and hail
									An Oklahoma Highway Patrol trooper stationed 3 miles east of Lovell along SR-74 watched a funnel aloft dip almost to the ground a few times along a several mile path as it passed northeastward overhead. Hail accompanied the storm and scattered hail occurred along a 5- by 20-mile path from north of Crescent to Douglas. Three-fourths of the ground was covered in places by hail averaging 1/2-inch size with larger stones varying from 1 1/2- to 2-inch size.
Hennessey, Kingfisher County	16	7:30p.-7:45p.	5	*5	0	0	0	0	Hail and tornado
									Hail fell across the Hennessey area with stones up to 1-inch size reported 4 miles south of the city. A small tornado was also sighted in open country about 3 miles northwest of Hennessey about 7:45p. by a highway patrolman and a severe storm watcher. No damage was reported.
Kingfisher County	16	7:40p.							Funnel aloft
									A highway patrolman watched a funnel aloft move eastward for several miles along SR-33 to the east of Kingfisher.
Perry, Noble County	16	About 7:40p.							Funnels aloft
									A funnel aloft hanging low was sighted about 2 miles southwest of Perry and was moving toward the city. It was then obscured by heavy rain. A second funnel aloft was sighted about the same time 5 miles northwest of the city. Neither one appeared to touch down.
Crescent, near Logan County	16	7:55p.							Funnel aloft
									Civil Defense observer spotted a funnel aloft 5 miles southwest of Crescent.
Oklahoma (continued)									
Stillwater, Payne County	16	8:10p.-8:18p.	Short	Narrow	0	0	0	0	Hail
									Heavy rain across the Stillwater area was accompanied by hail averaging 1/2-inch size covering 20 percent of the ground. A few stones of 1-inch size were reported in the northeast part of the city. No damage was reported.
Kingfisher, near Kingfisher County	16	8:20p.							Funnel aloft
									A pilot sighted a funnel aloft briefly about 10 miles west-northwest of Kingfisher. Radar indicated a line of severe thunderstorms in this area moving eastward at 30 MPH.
Creek, Osage, and Tulsa Counties	16	9:20p.-11:50p.	40	*15	0	0	0	0	Hail
									Scattered hailstorms moved eastward across the area. Hail up to 1 1/4-inch size fell at Okton with stones up to 1 1/2-inch size covering 40 percent of the ground 2 miles southeast of the city between 9:20 p. and 9:30p. Hail of 1/4- to 3/4-inch size fell from the Turner Turnpike gate across Sand Springs and Tulsa between 10:45p. and 11:00p. with largest stones up to 1-inch size reported at 15th and Cincinnati in Tulsa. The Bristow area also received hail up to 1-inch size at 11:50p. No damage was reported.
Guthrie, Logan County	16	10:15p.	1/4	50	0	3	5	0	Tornado
									A tornado touched down briefly in the southeast part of Guthrie where it ripped a flat roof from the new wing of a 90-bed home for senior citizens in the 1900 block of East Perkins. Only three of the home's 73 residents received minor injury even though the one-story structure received heavy damage and some persons were completely covered by debris in their beds. Several branches were snapped from trees in the immediate area of the home, a swimming pool cover ripped off, shingles torn from rooftops, and a few windows smashed. Debris ripped from the home was found more than half a mile away to the east-northeast along I-35. The storm also knocked out telephone and electrical service in a five-block area.
Tipton, near Tillman County	18	About 6:00p.	1	*1/2	0	0	0	3	Hail
									A small hailstorm hit 4 to 5 miles north of Tipton between Otter Creek and North Fork. An alfalfa stand at one farm was literally beat into the ground and another farmer lost 75 acres of oats. The damaging hail ranged up to 1 1/2-inch size.
Cleveland County	18	11:25p.-11:45p.	5	*3	0	0	3	0	Hail
									The hailstorms moved north-northeastward from the South Canadian River across the south part of Oklahoma City and the northwest side of Moore. Hail averaged 3/4-inch size and lay 3 inches deep in places. One-inch size hail covered the ground along a half-mile-wide strip in Moore with largest stones varying up to 1 1/2-inch size.
Northeast part of Sequoyah County	19	About 2:30a.	8	*1-4	0	0	4	3	Hail
									A damaging hailstorm slashed across the Long and Short communities along a east-northeast path. Most of the ground was covered by hail averaging 1/2-inch size but with many stones of 1 1/2- to 2-inch size. About a dozen homes and other buildings were heavily damaged in the Short community. Many cattle suffered cuts and bruises and hail was piled up to 18 inches deep in drifts. The hail was 3 1/2 inches deep 3 1/8 miles southeast of Short where some cedar trees were stripped bare of their bark on one side and several cattle were literally beaten to death by the large hailstones. A new home was destroyed at Short after being struck by a lightning bolt. The storm continued 10 miles to the area of Mountainburg, Arkansas, causing most severe damage near Uniontown and Cedarville.
Farris, Atoka County	19	12:15p.-12:30p.	4	100-200	0	3	4	0	Tornado
									This tornado first touched down just north of Farris and moved 1 mile east of Farris where it blew away a storage building of furniture, damaged two houses, and overturned a truck in a yard. It then moved southeastward damaging power lines and twisting off trees. The last damage was at an oil rig north of Center Point School where the rig loaded with 1.5 million pounds of drill pipe was blown 10 degrees off perpendicular. Three men were injured when their trailer house at the rig was rolled over three times and demolished against a tree.
Howe, near LeFlore County	19	2:30p.-2:31p.	1	100	0	1	4	2	Tornado
									A tornado touched down about two miles north of Howe where it moved northeastward across US-59. It heavily damaged one home which was moved off its foundation, a service station, two barns, and uprooted and damaged trees. One lady injured her hand when the tornado tore away part of the storm cellar door.
Ardmore, near Carter County	19	3:45p.	7	7	0	0	0	0	Hail
									The Ardmore Police and Highway Patrol reported large hail fell in an area 5 miles south of the city. No damage was reported from the severe thunderstorm which moved northeastward across the area at 30 MPH.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Oklahoma (continued) Blanchard, near, Grady County	19	3:45p.	Short	Narrow	0	0	3	0	Tornado
A small tornado was sighted on the ground briefly 5 miles north-northwest of Blanchard where it unroofed a barn.									
Northern part of Seminole County	19	3:45p.-4:15p.	7	150	0	0	4	0	Tornado
Hundreds of persons watched as this tornado touched down at five locations along a 7-mile path extending from 4 1/2 miles northwest of Seminole along SH-3 to the Wilson store area, 9 miles north of Seminole on SH-99. This north-northeast path caused damage to 6 properties which included numerous broken trees, four outbuildings, one two-story home, one barn unroofed, and a half-mile of fence torn out. A salesman traveling towards Seminole along SH-99 ran into the tornado just south of the Wilson store. It was reported that his car was picked up from the highway and set back down in a roadside ditch with only light damage.									
May County	19	4:00p.-4:20p.	1/2	50	0	0	3	C	Tornado
A severe thunderstorm moved northeastward across an area from 5 miles south of Blackwell to the area east of Newkirk. A funnel aloft first appeared between Blackwell and Ponca City and then dropped to the ground as a tornado 3 miles east-southeast of Blackwell where it caused a half-mile damage path across a farmstead. It destroyed a brooder house and a 50-foot animal shelter and only damaged a pen house and a large tile brick barn. The tornado then rose aloft and was reported by persons seeing it from Ponca City, Eldorado, and Newkirk as it then moved east-northeastward. It was last sighted about 7 miles east-southeast of Newkirk where it was almost touching the ground at one time.									
Ada, near, Pontotoc and Hughes Counties	19	About 4:58p.-5:40p.	3	25	0	2	4	0	Tornado and funnel aloft
Two storm cells joined one mile west of Ada at 4:58p. and moved to 2 1/2 miles north of Ada by 5:15p. where one of two funnels aloft dropped to the ground 1 1/2 miles south of the Byng community school. This tornado lifted a home completely off its foundation and let it fall to the ground in a mass of wreckage. The two occupants were injured. It then moved on to the northeast knocking down trees and lifting the roof of another building before rising aloft and traveling in the direction of Francis. This funnel was last sighted by a sheriff 8 miles northeast of Allen about 5:40p. and was still moving northeast.									
Oklahoma City area, Oklahoma and Cleveland Counties	19	6:30p.-7:30p.	20	*15	0	0	4	0	Wind
A line of heavy thunderstorms orientated from north to south were moving eastward across the Oklahoma City area at about 40 MPH. Very gusty wind in the city caused scattered damage. Streets were littered with broken tree limbs and a lumber company warehouse was blown down in the 300 block on North May Avenue, pinning three 2-ton trucks. A large tree was blown down in the 1600 block of Northwest 3rd and damaged a parked auto. The Oklahoma City Weather Bureau Airport Station recorded gusts up to 69 MPH at 6:45 p. The winds toppled a 100-foot-long section of concrete-block wall at the YMCA. The high winds also ripped a metal pipe anchor from a huge metal boat dock on the west side of Draper Lake, sending it crashing into another dock. (YMCA mentioned above at Moore.)									
Cushing, Payne County	19	About 7:45p.	?	?	0	0	0	0	Wind
Police at Cushing recorded gusty winds from 60 to 70 MPH as local thunderstorms moved eastward across the area at 35 MPH.									
Tulsa, Tulsa County	19	8:05p.-8:23p.	?	?	0	1	0	0	Wind
High winds in the Tulsa area furnished gusts up to 53 MPH out of the south-southwest at 8:23p. as recorded at the Weather Bureau Airport Station. One lady received a back injury about 8:05p. when struck by an old dead tree toppled by the wind.									
Guthrie, near, Logan County	21	About 4:00a.	1/5	100	0	0	4	0	Tornado
A small tornado touched down on a farmstead 4 miles west of Guthrie where it tore the porch and part of the roof from a small home, shifted the home slightly on the foundation, and sprung the walls. The sleeping occupant was uninjured. A tree was twisted and uprooted and fence posts and barbed wire across the road to the northeast were torn up. One two-by-four had been driven into the ground so deeply that a man was unable to pull it out.									
Greer, Kiowa, and Washita Counties	21	1:40p.-3:10p.	45	*1-5	0	0	4	4	Hail
A fast moving line of thunderstorms moved eastward across the area with hail damage paths extending from 3 miles northeast of Mangum to just south of Granite and across Lone Wolf, Hobart and to 5 miles northeast of Mountain View. Hail of 1/2- to 1-inch size covered the ground northeast of Mangum and caused from 50 to 100 percent loss of wheat to the south and southeast of Granite and a 2-mile-wide swath at Lone Wolf. Heavy roof damage was reported at Hobart about 2:37p. with stones up to 2-inch size breaking several large windows. Loss of wheat northeast of Mountain View ranged up to 75 percent in places along a 3/4- to 5-mile path.									
Oklahoma (continued) Butler, near, Custer County	21	2:00p.-2:40p.	5	*1/2-1	0	0	0	4	Hail
Hail damaged wheat and rye crops along a northeastward path from north of Foss Lake to 2 miles south of Butler. Hailstones averaged 1/2-inch size with many up to 1 1/2- and 2-inch size reported along the path.									
Cleveland County	21	3:30p.-5:45p.	10	*3	0	0	4	0	Hail
Hail of 1- to 2-inch size fell across the north side of Moore and to the eastward across the Draper Lake area during a heavy rain storm.									
Marshall, near, Kingfisher, Logan and Garfield Counties	21	5:20p.-5:45p.	Short	Narrow	0	0	2	3	Tornado
A funnel aloft formed 5 miles west of Marshall in the extreme northeast corner of Kingfisher County where it also touched down briefly at a farm 4 1/2 miles west of Marshall. The tin roof was torn from the barn and trees were damaged before the tornado raised aloft and traveled aloft to the east and passed 1/2 mile to the south of Marshall. Hail fell from the storm 4 to 7 miles northeast of Marshall in Garfield County where 150 to 200 acres of wheat received 90 to 100 percent damage and 300 to 400 acres received up to 50 percent loss.									
Hobart-Mountain View area, Kiowa County	22	2:00p.-2:27p.	Short	Narrow	0	0	0	0	Tornado and hail
A funnel aloft moved across the airport at the southeast edge of Hobart and then dipped down close to the ground briefly. It traveled northeastward for 2 miles until it touched the ground as a tornado. It only traveled on the ground a short distance before pulling right back into the clouds. No damage was reported. Hail up to 1 3/4-inch size fell at the Hobart Flight Service Station between 2:03p. and 2:15 p. and hail up to 3/4-inch size covered the ground at Mountain View between 2:20p. and 2:27p.									
Marshall, Logan County	22	2:00p.-2:30p.	2	*3/4	0	0	0	4	Hail
Hail damaged about 350 acres of wheat 90 to 100 percent about 1 mile south of Marshall and about 500 acres of wheat suffered 40 to 60 percent damage.									
Lookaba, Caddo County	22	2:15p.-2:35p.	8	*3	0	0	?	?	Hail
Hailstones averaged 3/4-inch size along the path moving east-northeast with numerous stones ranging up to 1 1/4- and 1 1/2-inch size. Small limbs were knocked off trees and some windows broken.									
Noble and Garfield Counties	22	2:15p.-3:30p.	28	*2-4	0	0	4	5	Hail
Two damaging hailstorms moved east-northeastward across Noble County during the mid-afternoon. The first storm lasting from 2:15p. to 3:15p. caused heavy loss of wheat from 8 miles southwest of Perry to the Morrison area. The ground was nearly covered in many places south and east of Perry. Hail averaged 1/2-inch size and piled 2 to 3 inches deep in several places and 6 inches in drifts. Some of the stones ranged up to 1 1/2-inch size and broke windows and damaged roofs. Farmers 5 to 10 miles east of Perry feared wheat losses to run from 10 to 100 percent with loss in the Morrison area expected at 70 to 90 percent. The northern path extended from near Covington, Garfield County, to the east-northeast across Red Rock. Some 22 farmers reported wheat loss from the hail which averaged 3/8-inch size and ranged up to 1-inch size.									
Valliant, McCurtain County	22	2:30p.-2:35p.	Short	Narrow	0	0	0	0	Hail
Hail fell in the Valliant area with stones up to 3/4-inch size covering 60 percent of the ground 1 1/2 miles north of the town. No damage was reported.									
Stillwater, Payne County	22	3:11p.-3:17p.	Short	Narrow	0	0	0	0	Hail
Hail averaged 1/2-inch size in the northwest part of Stillwater with a few stones up to 1 1/2-inch size reported.									
Pontotoc County	22	3:20p.-3:40p.	8	300	0	0	4	0	Hail
Hail scattered along a path from 3 miles northwest of Roff to 5 miles south of Ada covered from a third to half of the ground in places. Stones varied from 3/4- to 1-inch size along the north-eastward path.									
Oklahoma and Cleveland Counties	22	3:40p.-4:30p.	1/8	25	0	1	5	0	Wind, tornado
A line of heavy thunderstorms moved eastward across the area at 20 MPH. Oklahoma City Weather Bureau Airport Station recorded gusts up to 63 MPH from the west-northwest at 3:40 p. and small hail. Gusty winds at Moore about 4:00p. caused 20 highline poles to topple along Santa Fe Avenue between S. W. 134th and S. W. 149th. Scattered homes across the southeast half of Moore and the southeast side of Oklahoma City lost shingles from their									

See reference notes at end of table.

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APRIL 1968

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					KILLED	INJURED	PROPERTY	CROPS	
Oklahoma (continued)									
									roads during the wind and heavy rain storm. A tornado lowered to the ground at Midwest City at 3:50 p. It damaged the roofs of two warehouses on the north edge of Tinker Air Force Base before moving northeastward 1/8 mile across I-40 and striking at a large automobile dealership in the 7600 block of S. E. 29th. It ripped the roof from one building and hurled the debris across a lot full of new autos. The roof and windows of the showroom-service building were also damaged as was a large sign, an adjacent used car lot, and a car wash. One 2 by 12 rafter was thrown about 800 feet over the top of a nearby building and pierced the windshield of an auto driving out of the service shop. Only one person of the more than 200 persons within the one-block area was hurt even though several persons were blown down and crawled under cars. Some 300 autos were damaged.
Manchester, Grant County	22	About 4:30p.	Short	Narrow	0	0	0	0	Hail
									Hail up to 1 1/2-inch size fell at Manchester. No damage was indicated.
Pittsburg County	22	4:45p.-6:30p.	35	*5-12	0	0	?	?	Hail and funnels aloft
									A severe thunderstorm moved eastward across the McAlester area at 30 MPH. Scattered hail began falling on the south side of McAlester at 4:45p. and extended to Kiowa on the south with largest hail ranging up to 1 1/2-inch size by 4:58 p. 3 1/2 miles south of McAlester. Hail up to 3/4-inch size also fell at Hartshorne by 5:30p. Hail partially covered the ground in the Chambers community with the jagged stones ranging up to 2 1/2-inch egg size. After the main storm had passed over McAlester, two funnels aloft were reported over the Haywood area and were moving east-northeast towards McAlester where they were again sighted dipping in and out of the clouds in the northwest part of the city about 6:35p.
Washington and Nowata Counties	22	4:45p.-5:15p.	20	*2-3	0	0	3	0	Wind
									Strong gusty winds accompanied a line of thunderstorms moving eastward across the Bartlesville-Nowata area. Gusts up to 50 MPH were recorded at Bartlesville airport about 4:45p. Winds at Nowata damaged a waste pipe and big metal doors at the Nowata sawmill and blew over stacks of lumber and carried some planks more than 100 yards to the east. A nearby home and barn were also damaged.
Tulsa, Tulsa County	22	5:00p.-5:09p.-5:15p.	Short	Narrow	0	0	?	0	Hail and wind
									Hail varying from 1/2- to 7/8-inch size nearly covered the ground in the 5600 block of South 68th East with wind estimated at 50 MPH at 5:00 p.
Miami, Ottawa County	22	5:30p.							Funnels aloft
									Two funnels aloft were observed as they moved northeastward across the Miami area. The first one was watched while it traveled 12 miles. The second one just formed over the Miami airport and then disappeared.
Wilburton, Latimer County	22	5:40p.	3	60	0	1	4	0	Tornado
									A tornado first touched down 2 miles west of Wilburton and demolished a barn and damaged a home before moving northeastward across the edge of the city. The tornado hit again near a new addition of homes on the north side of Wilburton where 10 homes were damaged, one man injured, and three trailer homes demolished. Trees and power lines were also downed.
Roland, Sequoyah County	22	7:22p.							Funnel aloft
									A funnel aloft was sighted at Roland.
Cloudy, Pushmataha County	27	4:00p.	?	?	0	0	0	0	Hail
									Hail up to 1 3/4-inch size fell in the area. No damage was reported although drifts were 6 inches deep in places.
Oregon Most of State	13	Early morning			0	0	0	7	Frost
									Well below freezing temperatures all areas of State caused very heavy damage to Oregon commercial tree fruit crops in Willamette, Hood, and Rogue river valleys; as well as to home orchards in all parts of the State where grown.
North Central Division	All Month				0	0	0	6	Drought
									New record low cumulative rainfall total since September 1, 1967 being set at several stations in this area. Palmer Drought Index for the North Central Division computed to be -7.31, the most negative extreme computed for any Oregon division since 1931, period when computation of this index value was begun. The area where drought is most extreme encompasses Oregon's Columbia Basin grain belt. Crop deterioration has already begun. Unless very substantial rains are received here within the next few weeks losses will be very heavy. Both snow pack and most reservoir storage of irrigation water is very low. Even in western Oregon stream flows are much below the usual levels for this time of year.
Pacific Saipan, Tinian, Rota, Pagan	11	Afternoon-Evening			0	1	0	0	Typhoon
									Small but intense Typhoon JEAN passed northwestward over 48-square mile Saipan Island evening of 11th, demolishing 90 percent of houses and rendering an additional 8 percent unlivable. Concrete government buildings, a church and a hotel were the only structures not heavily damaged. Almost total destruction of crops, warehouses and waterworks necessitated airlifting food and water. Damage to private and public facilities estimated at \$16.5 million. One injury reported when boy contacted downed power line. At Coast Guard LORAN Station, Saipan, gusts measured to 115 miles an hour (before instrument failed) and estimated as high as 160 miles an hour toppled LORAN tower streared for winds of 100 miles an hour. Waves washed away 20 feet of shoreline. Two ships sank in Saipan Harbor. "Pacific Islander", grounded on reef, recorded pressure of 27.56 inches at 6 p.m. Passage of 35-mile diameter eye over Saipan took about 1 hour, with strongest winds apparently confined to within 50-mile radius.
Pennsylvania Beaver County	20	11:30 p.						4	Lightning
									Lightning fired a small New Sewickley Township barn and killed a calf and a horse. Losses from the barn and contents were estimated in excess of \$4,500.
Luzerne County	24	afternoon						3	Lightning
									Considerable damage to two county residences was attributed to lightning. In Jeanville, a bolt inflicted damage to the roof and outside portions of the house and burned out all connected electrical appliances. At Warrior Run lightning fired the second floor of a wood frame dwelling.
East Central Counties	30	afternoon						5	Thunderstorms
									Thunderstorms moving across Luzerne, Carbon, Lehigh, and Bucks counties were accompanied by strong winds which overturned a house trailer in Sybertsville, causing \$4,000 damage, and unroofed four homes in Allentown, while lightning fired a church steeple in Lehigh and a \$11,000 home near Parkside, the latter almost a total loss from the fire and consequent water damage.
Puerto Rico									None reported
Rhode Island									None reported
South Carolina Charleston County	29	3:45 p.			0	0	4	0	Windstorm
									At Folly Beach, 10 miles south of Charleston. High winds blew roofs from three porches and one frame house. Heavy rain damaged furniture in the deroofed house. Some other minor damage in the area.
South Dakota Most of State	3				0	0	5	0	Blizzard, locally heavy snow and local icing
									Snow of from one inch to over 10 inches was accompanied by winds over 60 MPH. Drifts of up to 4 feet were reported. Many roads were blocked. A large number of schools were closed. Aberdeen was one of the hardest hit areas due to 10 1/2 inches of snow and wind gusts to 62 MPH. Considerable damage was caused to utility lines due to strong winds and local icing. Two deaths were indirectly caused by the storm. One person died of a heart attack near Highmore while walking for help from a car stalled in the snow. Another party died of a heart attack in the storm near his ranch home west of Ft. Pierre. There was a light loss of livestock due to the storm.
Most of State	22				0	0	5	0	Late season snow--locally heavy, local blizzard conditions and local icing
									Heaviest snow fell in north central where Eagle Butte received 18 inches. Local icing damaged some utility lines. Light loss of calves reported. Wind up to 40 MPH caused local blizzard conditions.
Watertown 13WSW	27	12:30 p.			0	0	0	0	Tornado
									Funnel touched ground briefly with no reported damage.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Tennessee Shelby and Tipton Counties	3	9:30-10:15 p.	25	≈1-4	4	32	6	0	Tornado
									Strong winds first occurred at Millington in Shelby County, 9 miles northeast of Memphis at about 9:45 p.m. Tornado moved northeast to Covington-Gift area in Tipton County leaving a large number of rural and urban homes destroyed or heavily damaged. In Millington, 100 home trailers received moderate to total destruction. Four persons were killed along the full path of the tornado; 2 fatalities in Aloka and Brighton, Tipton County, where the twister destroyed two houses. Final damage figures will be between 1-2 million dollars over the entire storm area.
Dyersburg, Dyer County	3	9:35 p.	short	narrow	0	0	0	0	Tornado
									Small tornado, 20 miles southwest of Dyersburg moved northeast. There was no known property damage.
Henry, Stewart, Montgomery Counties	3-4	p.m.-a.m.			0	0	4	0	Wind, rain
									Rains of 6 inches or more in as many hours flooded basements, streams, made roads impassable, damaged homes and stores. High winds caused scattered damage to houses and buildings.
Memphis, (area) Shelby County	4	7:30 a.							Funnel cloud
									A funnel cloud aloft was observed for about one minute, then receded into base of cloud.
Nashville (area) Davidson County	4	3 p.m.	?	?	0	0	3	0	Hail
									Small hail in south Nashville and Crieve Hall subdivision of City.
Manchester, Coffee County	4	3:45 p.	?	?	0	0	4	0	Hail
									Hailstones up to 1 inch in diameter reported in City for about 5 minutes, leaving about 2 inches on the ground.
Winchester, Franklin County	4	6:00 p.	short	narrow	0	0	3	0	Tornado
									Small tornado dipped to the ground just long enough to damage a barn, carport, and a few trees, 1 mile west of Winchester. Hailstones one-half inch in diameter battered the area.
Coffee County	4	p.m.	1/4	narrow	0	0	0	0	Tornado
									Residents of Ninth Model Community near Manchester reported the familiar "roar" as a small tornado cut a path through a plowed farm field. Storm moved from south to north - possibly the same storm that damaged property in Franklin County.
Memphis, Shelby County	4	p.m.			0	0	?	0	Thunderstorm
									Minor damage to telephone and electric lines. There was no other known property damage.
West Half of State	4				0	0	5 ⁰	C	Hail and rain
									Hailstones pea-sized to 3/4 inch in diameter, accompanied by heavy rain caused scattered damage to cars, windows and foliage. Hail accumulated to depths of 1 to 2 inches in places.
Jackson, Madison County	4	2:19 p.m.							Funnel cloud
									A funnel cloud was sighted by pilot, 20 miles east of Jackson. Base estimated near the surface. No damage was observed.
Millington, Shelby County	4	p.m.							Funnel cloud
									Public reported funnel shaped cloud over Millington with no damage.
Memphis, Shelby County	22	3:31 p.m.			2	0	0	0	Heavy rain
									Two young girls drowned as they were swept away in a turbulent drainage ditch and pulled through a storm sewer.
East Half of State	23	noon-9:00 p.			0	0	5 ⁰	C	Thunderstorms
									Thunderstorms began soon after noon and intensity increased to a late afternoon peak. Hail and/or wind damage was observed at the following locations:
Statesville, Wilson County	23	1:00 p.m.							Hailstones to 3/4 inch in diameter covered the ground.
Franklin, Williamson County	23	1:00 p.m.							Hailstones to 3/4 inch in diameter covered the ground.
Oak Ridge, Anderson County	23	4:10 p.m.							Hailstones 1/2 to 1 inch in diameter.
Knoxville, Knox County	23	5:50 p.m.							Public reported hail 1 inch in diameter, 20 miles northeast of City.
Chattanooga, Hamilton County	23	7:50 p.m.							Hailstones 1/2 to 1 inch in diameter, 6 miles southwest of City.
Knoxville, Knox County	23	8:50 p.m.							Public reported hailstones 1 1/2 to 2 inches in diameter in West Knoxville.
Sullivan County	23	10:25 p.m.							Strong winds damaged several buildings in various parts of County. Hail about 1 inch in diameter broke hundreds of windows throughout a wide area.
Tennessee (continued)	23	2:58 p.m.	short	narrow	0	1	5	0	Tornado
Smithville, De Kalb County									A relatively small area in the Miller Heights Subdivision of Smithville suffered extensive damage from a small tornado. One house and three house trailers were destroyed, and numerous other buildings were damaged, some heavily. The mayor of Smithville estimated damage "conservatively" at \$75,000. The storm moved from southwest to northeast.
Ozone, Cumberland County	29	a.m.			0	0	3	0	Lightning
									Lightning damaged frame house.
Texas Panhandle Carson Co.	2	5:20 p.	2	30	0	0	5	0	Tornado
									A small tornado struck the second story of St. Theresa's Catholic Church on the southeastern edge of Panhandle. The tornado hit St. Ann's home for the aged first, then crossed over the two-story part of it, taking off the roofing. The church is next to St. Ann's home on the east, and as the tornado passed over it, the church exploded. The church has a high roof and it appears this was lifted upward while the windows and the east wall were pushed out. The one-story part of the home for the aged was not damaged. The parish hall and rectory to the east of the church was also damaged. A barometer, located at the home of the Cooperative Observer, one mile from the church fell rapidly to a low of 29 inches about the time of the storm. Property damage was estimated at \$60,000. Very light hail accompanied the storm.
10N Turkey Hall Co.	2	6:16 p.	?	?	0	0	0	0	Tornado, funnels aloft
									A tornado touched ground on open rangeland about 10 miles north of Turkey. The tornado moved in a north-northeasterly direction. Several funnels aloft were observed within the same area.
Lone Star Floyd Co.	2	6:20 p.	1	?	0	0	3	0	Tornado
									A tornado struck the W. A. Anglin and Lawrence Vannier farm homes in the Lone Star community, about 12 miles northeast of Lockney, a "glancing" blow causing minor damage. The tornado, traveling in a northeasterly direction, first struck a tree in the Anglin back yard, throwing it on to the roof of the house. A small frame well house disintegrated, with pieces "going in all directions." All damage to the Anglin house was on the south side. Windows burst outward with an explosive sound. An air conditioner was ripped off a bedroom window and hurled 30 yards. The tornado lifted the garage, adjacent to the Parrish house about "half an inch" off its foundation. The house was plastered with mud and grass. The tornado traveled along the ground for a distance of one mile.
Near Newlin Hall Co.	2	9:00 p.	10	≈1	0	0	4	0	Tornado
									A tornado slashed a 10-mile path through farmland near Newlin. Four barns were destroyed and three houses were damaged. The roofs of the houses were damaged, windows on the south and west sides were blown out and the houses filled with weeds and debris. Several livestock were killed; some decapitated. The tornado hit the ground south of the Red River, then crossed the river heading northeast into Oklahoma. Hardest hit was the Roy Graham property northwest of Newlin where all the farm buildings were destroyed and livestock scattered. Both the Roy Graham residence and the Tom Sperry residence were damaged. Property on the Mack Richards, Cecil Phillips, Orville Phillips, and McNealey farms were damaged or destroyed. A shed was destroyed on the Altman Sims farm. Real and personal property damage was estimated at \$15,000. Livestock losses were estimated at \$4,000.
Lockhart Caldwell Co.	4	morning	?	?	0	0	?	0	Hailstorm, lightning
									Hail up to the size of hen eggs fell from west to east through Lockhart with the heaviest damage occurring near the Tilman community east of Lockhart. Near Tilman, the homes of Morris White, George Reed, Harold Franks and others lost numerous windows and suffered roof damage. Lightning struck at least five homes in the McMahan area. At one place the television set was damaged, and at another, the roof was damaged.
E Navasota Grimes Co.	8	6:20 a.							Funnel aloft
									A funnel cloud was observed between Anderson and Plantersville, a few miles east of Navasota. The funnel was moving toward the northeast.
34NNE Round Rock Williamson Co.	8	2:05 p-2:18							Funnel aloft
									A funnel cloud was observed about 3/4 miles north-northeast of Round Rock. The funnel extended about one-quarter of the distance to the ground from the base of a towering cumulus. A rapidly rotating motion was visible. At one time the funnel dipped about two-thirds of the distance to the ground from the cloud base estimated at 4,000 feet. The funnel was visible at a distance from the observer of about 1/2 mile. A loud roaring was audible shortly before the funnel retreated into the cloud base.
Near Bartlett Williamson Co.	8	afternoon	?	?	0	0	0	0	Tornado
									A small tornado touched ground in an open field near Bartlett without causing any damage.
Randolph Field Bexar Co.	8	10:10 p.	?	?	0	0	0	0	Hail
									Hailstones three-quarters inch in diameter fell at Randolph Air Force Base north of San Antonio. No damage was reported.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
Texas (continued)									
Brownsville Cameron Co.	10	2:00 p	?	?	0	0	?	?	Hailstorm Hail fell in Brownsville and its immediate suburbs with size estimates of from three-quarters to one and one-half inches in diameter. Hailstones up to two and one-half inches in diameter were reported in the Media Luna area of Brownsville. No significant property damage was reported. There was little damage to young cotton in the surrounding farm area.
N Zapata Zapata Co.	10	afternoon	30	*2	0	0	?	?	Hailstorm Hail cut a swath approximately 30 miles long and one-half mile wide across an area beginning north of Zapata and extending eastward into southwestern Jim Hogg County, south of Randado. The amount of damage, if any, is not known.
S Winters Rumels Co.	12	2:34 p							Funnel aloft
Robert Lee Coke Co.	18	afternoon	?	?	0	0	?	?	Hailstorm Hailstones up to one and one-quarter inches in diameter fell at Robert Lee in Coke County. No estimate of the amount of damage is available.
Wichita Falls Wichita Co.	18	?	?	?	0	0	?	?	Windstorm Thunderstorm winds estimated at near 50 miles-per-hour uprooted one house and toppled utility poles in the lakeside area of Wichita Falls.
Mountain Springs Cooke Co.	19	11:00 a	?	?	0	0	4	0	Tornado, lightning, heavy rain A tornado touched ground on the H. C. Peyrot farm in the Mountain Springs community. One barn was destroyed and a quarter of a mile of fence was literally "sucked up" by the funnel. Trees were uprooted and twisted. The tornado moved from southwest toward the northeast. Eight head of cattle and three horses were killed by lightning during the storm. One black Angus bull was washed away and drowned in a rain-swollen creek.
Frio and Zavala Counties	20	2:30 p- 2:45 p	10	*2	1	0	3	6	Wind, rain, and hailstorm, two funnels aloft High winds, rain, and hail wiped out crops and severely damaged farm land by washing west of Frio Town, in the northwest corner of Frio and the northeast corner of Zavala Counties. Raul Medina was killed when he was struck by flying lumber and sheet metal. Crops on the Boerker, Makawa, Quebe, Tiller, Miller, Watson, and Shelton farms were reported to be a total loss. The Big Foot area was struck by strong winds which blew off roofs, and blew down small buildings. Trees were uprooted. Two funnels were observed, but these did not touch ground. An estimated 12,000 to 14,000 acres of crops were damaged. Four to six inches of rain was reported falling within 12 to 20 minutes. Crop losses due to hail were estimated at \$500,000. Crop losses due to rain were estimated at \$200,000.
SE San Antonio Wilson Co.	20	4:25 p	?	?	0	0	?	?	Hailstorm Hailstones up to one and three-quarter inches in diameter were reported in Wilson County, 20 to 30 miles southeast of San Antonio. The extent of damage, if any, is not known.
Starr Co.	21	1:00 a- 4:00 a	5	*1	0	0	4	6	Hailstorm A devastating hailstorm destroyed an estimated 2000 acres of melons and damaged or destroyed 2000 acres of young cotton. One trailer house was heavily damaged. Homes suffered roof and window damage. Ray Rochester, manager of La Casita Farms, estimated his losses at 1000 acres of honey dew melons and cantaloupes. The area most damaged was one mile east of Rio Grande City. Largest hailstones were one and one-half inches in diameter.
NW Odessa Ector Co.	21	10:30 p							Funnel aloft
Angelina Co.	21	?	?	?	0	0	3	?	Tornado, hailstorm A tornado dipped down into rural Angelina County between Shawnee Prairie and Gibsonville tearing up a barn and moving a house off its blocks. Shingles were ripped off the roofs of two or three houses; windows were broken out and screens torn off, allowing hailstones one and three-quarter inches in diameter to get into the houses. The heaviest damage appeared to be on the Dow Nerren Farm occupied by Denman Durham.
SSW Aspermont Stonewall Co.	22	1:00 a- 1:30 a	?	?	0	0	0	0	Tornado A tornado touched down briefly in open pasture land about five miles southwest of Aspermont. Before touching ground, the funnel was identified by a loud roaring noise as it passed overhead. The tornado moved from southwest toward the northeast.
Near Ponder Denton Co.	22	6:40 a	?	?	0	0	3	?	Tornado A small tornado damaged three barns owned by Lee Yarbrough near Ponder and shifted his house three inches on its foundation. Mrs. Yarbrough said, "A door to our bedroom popped open." When her husband got up to close it, he was unable to do so. Then, pictures were plucked off the walls by the force of the wind and several windows were broken. In the next room, the tornado had taken the bedspread off their daughter's bed. It was found later outside in the yard. A large bean tree was twisted off at the Garrett home, about one-half mile west of Highway 150. Some fence posts and utility poles were torn down.
NW McKinney Collin Co.	22	7:50 a	?	?	0	0	4	?	Tornado A tornado dipped down about 7:50 a.m. in the Rollins-Chambersville communities, nine miles northwest of McKinney, and tore the front porch and part of the roof off a farm house
Texas (continued)									
Houston Harris Co.	22	9:15 a	?	?	0	0	0	0	Hailstorm A few hailstones, "about the size of ice cubes" fell in the area near the intersection of South Post Oak and U.S. Interstate Highway 610. Small hail, about 1/4 inch in diameter, fell in other parts of the city. No damage was reported.
North Dallas Dallas Co.	22	11:00 a- 1:00 p	4	?	0	0	?	?	Hailstorm Hail fell in the northern half of Dallas County. Hailstones three-eighths inch in diameter were reported at Love Field, but stones one and one-half to two inches in diameter were reported in the Dallas area north of Love Field. The extent of the damage is not known but was thought to be light.
Near Benbrook Tarrant Co.	22	11:08 a- 11:15 a	?	?	0	0	0	0	Tornado Tornado observed by Weather Bureau personnel from Fort Worth Forecast Center. No damage was reported.
Alvarado-Grandview area, Johnson Co.	22	11:30 a- 12:00 p							Funnel aloft The funnel cloud was identified and followed on the Weather Bureau's radar at Fort Worth, and verified by eye witnesses in the storm area. People in the southern section of Cleburne could hear a roaring sound as the funnel passed overhead. The funnel did not touch ground.
Near Farmersville Collin Co.	22	morning							Funnel aloft
Mount Pleasant Titus Co.	22	2:40 p	?	?	0	0	?	?	Hailstorm Hailstones up to one inch in diameter fell at Mount Pleasant. No damage was reported.
S Commerce Hunt Co.	22	afternoon							Several funnels aloft
Near Rosenberg Fort Bend Co.	22	?	?	?	0	0	?	?	Hailstorm Hailstones, up to one and three-quarters inches in diameter fell near Rosenberg, southwest of Houston, covering the ground in places. A farmer described the hail as the largest he had ever seen. The extent of damage, if any, is not known.
Corpus Christi Nueces Co.	23	8:05 a							Funnel aloft A funnel cloud was sighted briefly near the Sunside Refinery on Nueces Bay, four miles northwest of the International Airport.
Johnson Co.	26	7:00 p- 7:20 p	?	?	0	0	?	?	Hailstorms, tornado Hailstones up to two and three-quarter inches in diameter fell at Red Oak and Sterrett in Johnson County. Hailstones covered the ground at Red Oak. Hailstones averaging one-half inch in diameter fell at Waxahachie, with largest stones one and three-quarters inches in diameter. At the Caro cemetery near Maypearl some hailstones two and three-quarters inches in diameter were reported. Some automobile and roof damage was reported in Maypearl. A tornado touched ground at Milford destroying a garage and damaging one house. There was little or no hail damage in either Waxahachie or Red Oak.
SW Cleburne Johnson Co.	27	4:30 p	?	?	0	0	?	?	Hailstorm Flat hailstones of three to five inches across fell eight miles west of Cleburne. In Cleburne, reports of hail size ranged up to as large round as tennis balls; however, the hailstones were doughnut shaped instead of being round. Some automobiles were dented. Reports from Friendship and Grandview areas indicated the hail was heavier there than in Cleburne. (See Grandview report).
Lampasas Lampasas Co.	27	4:50 p	?	?	0	0	?	?	Hail Hailstones up to two and three-quarters inches in diameter fell at Lampasas. Some hailstones were "shaped like small turtles." There was considerable damage to roofs.
Grandview Johnson Co.	27	5:00 p- 5:30 p	?	?	0	0	?	?	Hailstorm One of the worst hailstorms in the memory of Grandview's residents struck this town in southeastern Johnson County. Over 200 homes, practically every one in town, suffered some roof and window damage. Wheat, oats, and maize crops suffered thousands of dollars damage. The heaviest hail, which was in the form of poker chips, ranged from small to almost baseball size. The hail began on the N. P. Stephenson farm, then traveled east and southeast across the Wilkerson, Boyd, Gatlin and Whitten farms before reaching Grandview. Many automobiles were severely damaged by the hail. Drifts of hail three feet deep occurred near the Lloyd Hutchens home two miles southwest of Grandview.
Greenville Hunt Co.	27	5:15 p and 9:15 p	3	*1	0	0	5	?	Hailstorms Two hailstorms raked Greenville, one at 5:15 p.m.; the other at 9:15 p.m. The first storm caused the greatest damage. Hail size varied from one to four inches in diameter and covered the ground to a depth of three to four inches. Most of the damage was to roofs and glass. Damage to glass panes and flowers at Adkisson's Florist was estimated at \$75,000 to \$100,000. Barlow's greenhouse suffered heavily also. Total hail damage was estimated at \$200,000.

See reference notes at end of table.

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					KILLED	INURED	PROPERTY	CROPS	PROPERTY	CROPS	
Texas (continued)											
Near Bertram Burnet Co.	27	5:30 p	?	?	0	0	?	?			Hailstorm Hailstones up to one and three-quarters inches in diameter damaged oat crops, peach trees, and the roof of at least one house, in the vicinity of Bertram.
Navarro County	27	7:20 p	?	?	0	0	?	?			Hailstorm, tornado Hail, ranging in size from chunks and slabs and baseball spheres to marbles, battered buildings and vehicles in the Lake Navarro Mills area of southwestern Navarro County. Twelve to fifteen boats were damaged by the large hail. From 35 to 40 vehicles were bombarded by the chunks of ice. Some lost windshields and rear windows. Roofs of houses in the area received considerable damage. A small tornado dipped down in the Peyton Place area and left with the same Warden's office.
Marshall Harrison Co.	27	9:00 p	?	?	0	0	6	?			Hailstorm One of the worst hailstorms in Marshall's history pounded the city with hailstones up to two and three-quarter inches in diameter. Glass breakage was extensive. Whole fleets of new automobiles were caught out in the storm and damaged. In a period of only 10 minutes, a half dozen windows were shattered in the News Messenger Building. Nine stained glass windows at the Trinity Episcopal Church were broken. Glass breakage at school property was extensive. Roof damage on residences was heavy. Insurance claim adjusters estimated total property damage at \$1,350,000. Hail up to two inches in diameter struck the Woodlawn, Jefferson, and Karnack areas earlier in the evening.
Near Sherman Grayson Co.	27	9:42 p	?	?	0	0	?	?			Hail Hail as large as hen eggs pelted Dorchester, nine miles southwest of Sherman, flattening the wheat crop. Many farmers said their stands, considerable in the area, were total losses. At Howe, five miles south of Sherman, hail two and three-quarter inches in diameter was reported. Hail three-quarter inch in diameter was reported in downtown Sherman.
Rocksprings area, Edwards and Real Counties	28	12:00 p- 2:30 p	20	*6	0	0	?	?			Hail Hail ranging up to two and three-quarters inches in diameter fell in Rocksprings and across the ranch country north, east and west of the city. The hail strip included the Elmer Dean, Fletcher Gardner, Sam Shanklin, Word Sherrill and Howard Martindale ranches. A two mile strip through the Martindale ranch was especially severe. Roofs at the Martindale ranch and Shanklin ranch were ruined and many windows broken. Damage was heavy on the Van Ivey, Raymond Dietert, Frank Powers, Carleton Oodbold, Eva Fryar and Frade ranches also. Some roofs were destroyed and windows broken. In Rocksprings roof and window damage was heavy.
W Bandera Bandera Co.	28	1:00 p- 1:30 p	20	*2	0	0	0	0			Hailstorm Hailstones up to two and three-quarters inches in diameter fell in the Vanderpool and Station "C" areas of Bandera County. Some birds were killed, but there were no known livestock or property losses.
North Dallas Dallas Co.	28	5:00 p- 6:00 p	?	?	0	0	6	?			Hailstorm Hail and heavy rains fell throughout the northern half of Dallas County. The North Dallas area and Farmers Branch were hardest hit. Most of the damage came from hail. Hailstones piled as deep as three feet blocked traffic on several North Dallas streets, requiring city road graders to clear the snow-like mass. Hail in North Dallas ranged from three-fourths of an inch to two inches in diameter. Uncounted windows in houses, apartment buildings and businesses were shattered by the hail. Damage to roofs was heavy. Insured property losses were estimated at \$5,000,000 by the Texas Insurance Advisory Association.
Rockwall Rockwall Co.	28	6:00 p	?	?	0	0	?	?			Hailstorm Hail ranging in size from three-quarters inch to two inches in diameter damaged roofs and automobiles in Rockwall. Damage was estimated at "many thousands of dollars." There was only light to calm winds accompanying the storm which moved from the north-east toward the southwest.
Laredo Webb Co.	28	7:00 p- 9:00 p	?	?	0	0	?	0			Flash flooding Heavy rain, measuring 1.70 inches within 30 minutes resulted in the flash flooding of Chacon Creek in southeastern Laredo. A small section of a retaining wall along Chacon Creek washed out. Water to a depth of eight inches spread into some nearby houses. The rain and high water caused damage in at least two downtown stores. Firemen pumped water from the basement at La Economica, 1719 Houston Street, while water caused a display window short circuit at Sullivan Shoe Store, 1213 Hidalgo Street. Automobiles were towed from high water flooding at two intersections. Total storm rainfall amounted to 2.31 inches.
Utah											None reported
Vermont West Swanton	4				0	0	2	0			Wind, ice piles A most unusual spectacle was produced when strong southerly winds, gusting to 50 mph, pushed masses of ice from Lake Champlain onto and over embankments at Tabor's Point. The resulting piles of ice measured up to 30 feet high and lined considerable yardage of the shore. At least ten houses were threatened by the advancing ice. In one instance the mass approached to within 10 feet of a house. A number of saplings were downed and crushed.
Vermont (continued)											
State	24- 25				0	0	4	0			Rain Storm rainfall totalled mostly 1.5 to 3.0 inches but exceeded 3 inches in many local areas in south and in north. Considerable soil erosion and some road washouts. Flash flooding of some small streams.
Virgin Islands											None reported
Virginia Rural Retreat, Wythe County	4	6:55 p.	1	50	0	0	4	0			Windstorm A few roofs, trees, power lines, and buildings were damaged by wind. Buildings demolished included a storage shed, carport, 2-car garage, and corn crib but several old barns near the center of the storm path were undisturbed. Storm moved northeastward.
Pennington Gap area, Lee County	23	5:45 p.	15	*10	0	0	4	0			Hail and rain Hailstones measured up to 2 inches in diameter as storm moved from northwest to southeast-hitting first at Ben Hur, then Pennington Gap, Dryden and Woodway. Approximately 300 roofs damaged, screens torn, aluminum siding dented, and windows broken. Automobiles sustained broken windshields, dented hoods, trunks and tops, and convertible tops were shredded. Heavy rain damaged furniture and clothing.
Ocean View, Norfolk County	24	4:00 p.			0	0	0	0			Funnel Cloud, Waterspout Funnel cloud reported 5 miles north, northwest of Norfolk moved east-northeast over the Chesapeake Bay as a waterspout. A squall line was moving through the area at the time.
Norfolk and Virginia Beach	30	5:15 p.- 5:30 p.	20	200	0	0	5	0			Tornado, wind, and rain A prefrontal squall line with strong winds, rain and possibly a tornado caused extensive damage to buildings, trees, utilities, and house trailers. A large section of roof was ripped off Bayside High School, windows were broken in numerous locations, and damage at Norfolk Naval Base was extensive. Wind gusts of 60 knots were recorded at Norfolk Weather Bureau. The storm moved from northwest to southeast. Funnel cloud reported seen by only 2 or 3 people.
Washington											None reported
West Virginia Central West Virginia	14	9 to 10 p.m.			0	0	3	0			Windstorm A strong cold front with severe thunderstorms passed across the State from the west. Described by the press as "the sharpest storm of the spring season", it blew down trees, caused power disruptions, shredded awnings and caused other minor property damage over a wide area. Wind gusts up to 55 miles per hour were recorded at Elkins Airport.
Huntington Area	23	4:15 p.m.			0	0	3	0			Windstorm Another strong cold front with severe thunderstorms passed across the State from the west during the late afternoon. A barn on a doctor's estate near Huntington was demolished and other minor property damage also occurred in the general area. This storm had many tornadoes in it which struck mainly in Kentucky and Ohio. No tornadoes were reported in West Virginia although one was close. At 4:50 p.m. a tornado touched down one mile north of Gallipolis, Ohio but apparently dissipated before crossing the Ohio River into Point Pleasant, Mason County.
Wisconsin Douglas, Bayfield Ashland Counties	3-4	Night						5	0		Wind, snow, glaze A severe snow and glaze storm caused widespread damage to telephone and power lines. Many areas without utility service for 3 to 4 days.
State	8				0	1	4	0			Wind Strong wind caused scattered damage throughout state. Woman injured at Sheboygan as tree fell on car.
Eau Claire, Clark Wood Counties	9	1:50 p			0	0	3	0			Funnels, wind Several funnels associated with strong instability showers moving ESE-ward from near Eau Claire to Wisconsin Rapids. Small trailer tipped near Eau Claire. A group of trees snapped off 2 NW Wisconsin Rapids.
Milwaukee	14	11:00 a						0	0		Waterspout Waterspout associated with cold front reported in Lake Michigan off Milwaukee.
Dane, Columbia Counties	20	11:30 a			0	0	4	0			Tornado Small skipping tornado moving NNE-ward touched down at McFarland, the extreme east side of Madison, and the Polfuss Farm west of Columbus.
Dodge County	20	1:35 p	2	100	0	0	4	0			Tornado Tornado moving NNE-ward destroyed buildings on the Reible Farm at Farmersville 4 miles north of Mayville.
Vernon, LaCrosse counties	20	Noon									Funnels Funnels aloft were observed at Coon Valley and near Readstown.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

APRIL 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	
Wyoming Southern Half	2-3	Evening			3	0	5	0	Blizzard
<p>A blizzard started early evening over the southern half of the state and continued until late afternoon of the 3rd. Three people were killed in blizzard associated incidents. Numerous people were stranded and there were numerous outages of power and communications.</p>									

- ° 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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