

U. S. DEPARTMENT OF COMMERCE

JOHN T. CONNOR, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

STORM DATA

MAY 1965

Volume 7 No. 5



ASHEVILLE: 1965

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED ¹ DAMAGE	CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS		
ALABAMA										
Birmingham, Jefferson County	20	1:00p	Hail, 3/4 to 1 1/4 inch in diameter			0	0	1	0	Hail
										Minor damage.
Mobile, Mobile County	22	Early morning	Funnel cloud not touching ground							Funnel
										observed by police about 5 miles southeast of airport.
ALASKA										
			No report received							by printing headline
ARIZONA										
Sedona	13	4:15 p.				0	0	0	4	Hail
										A hailstorm, accompanied by rain, wind, thunder and lightning, damaged apple and peach crops.
Show Low (35 miles ENE)	30	11:15 a.				0	0	0	0	Funnel cloud
										Pilot reported a funnel cloud over open desert. Funnel did not touch ground.
ARKANSAS										
Acorn Community, Polk County	5	6:02 p.				0	1	5	0	Lightning
										One house badly damaged by lightning. One person injured slightly by burning electrical wire.
Fort Smith area, Sebastian County	8	8:50 p.	6	100	0	8	5	0	0	Tornado
										Tornado touched down in southwest Ft. Smith, moved northeast across the south and southeast portions of the city. Several metal cabins were destroyed, numerous business buildings were damaged, roofs and walls were torn from residences, and large trees were uprooted over the city. Four homes were struck by lightning. Seven farms were damaged east of the city.
Shippo Ferry, Baxter County	9	11:00 a.			1	1	0	0	0	Lightning
										Lightning struck man standing in boat killing him and slightly injuring another passenger in boat.
Humoke, Lonoke County	19	12:55 p.								Funnel aloft
										Funnel cloud sighted aloft. Did not touch ground.
Pine Bluff, Jefferson County	21	6:40 p.								Funnel aloft
										Funnel cloud aloft did not touch ground.
Jonesboro area, Craighead County	26	5:00 p.	?	?	0	0	4	0	0	Wind and rain
										Windstorm hit Jonesboro damaging several buildings on Arkansas State College Campus, up-rooting trees and damaging roofs.
Manila-Blytheville area, Mississippi County	26	5:45 p.	?	?	0	0	5	0	0	Tornado
										Tornado destroyed several houses on Blytheville Air Force Base, caused heavy damage to mobile home manufacturing company at Manila, uprooted trees and destroyed farm buildings in the Manila-Blytheville area. Hail accompanying tornado damaged field crops.
Arkansas County	26	8:15 p.								Funnel cloud
										Airline pilot reported sighting funnel cloud aloft.
Forrest City, St. Francis County	26	11:00 p.			1	0	0	0	0	Lightning
										Man killed when struck by lightning while standing on highway.
Conway, Faulkner County	28	1:45 a.	?	?	0	2	5	0	0	Wind and hail
										Wind storm with golf ball size hail hit the city of Conway uprooting trees, uprooting houses, and downing power lines. Two people in house trailer injured when house trailer demolished.
CALIFORNIA										
COLORADO										
Grand Junction	7	2:15PM				0	0			Funnel cloud
										A funnel cloud formed over the mountains moving northwestward in the vicinity of Grand Junction.
Fort Collins	7	12:30PM				0	0			Hail
										Three fourths inch hailstones were reported in Fort Collins.
Weld County	8	2:00AM				0	0	4		Tornado
										A tornado touched down in an area about 4 miles north of Nunn in northern Weld County, doing much damage to farm buildings, equipment and trees.
Pueblo	21	10:15PM				0	0	0	0	Hail
										A few one to 1 1/2 inch hailstones fell in northwest part of Pueblo.
Weld County	22	Afternoon				0	0	4		Tornado
										A tornado touched ground in central Weld County in the vicinity of Platville, Peckham and La Salle. It wrecked a 40 foot trailer house, tore off roofs and damaged farm equipment and trees.
Lincoln County	23	2:11AM	1 mi.			0	0	4		Tornado
										A tornado in the area south of Forter, moving northward, damaged power lines, trees and farm buildings. Wind tracks indicated a probable second small tornado in the area.
COLORADO (Cont'd)										
Weld County	22	4:30PM				0	0	4	0	Hail and rain
										Hail from marble to golfball size hit the Greeley and Kersey areas damaging crops and property. At the Greeley-Weld County Airport, hail battered approximately 50 planes causing heavy damage to wing tails and fuselages. Heavy rain flooded lawns and streets.
Morgan County	22	Night				0	0	0	3	Wind
	23									A windstorm struck the Fort Morgan area the night of the 22nd, continuing through the 23rd, damaging newly thinned beets and other crops.
Kit Carson County	23	Night				0	0	4	0	Tornadoes
	24	Noon								On the night of the 23rd, a tornado 7 miles SE of Kirk demolished a trailer house and damaged other property. Around noon on the 24th, a tornado was sighted SW of Kirk about 10-20 miles away. It bounced up and down, coming to earth for a short time damaging a windmill and trees, missing a house by a few feet.
Las Animas County	23	Night				0	0	3		Tornado
										A tornado hit during the night at a farm, damaging milk barns and trees near Kim in eastern Las Animas County.
Fowler	22					0	0			Wind and hail
	23									Strong wind on the 22nd in the Fowler vicinity damaged farm buildings and equipment and power lines. Crops and alfalfa were damaged by hail and heavy rain on the 23rd. Much of the crops will have to be replanted.
Crowley County	23	Afternoon	6 mi.			0	0	4		Tornado
										A tornado 60 miles ENE of Pueblo, north of Ordway, damaged buildings and trees and leaving a path that appeared to have been plowed. Wind gusts of 50 to 50MPH were common over eastern Colorado.
Phillips County	24	Afternoon				0	0	4		Tornado
										As many as 6 tornadoes were observed in the southwest, south and southeast of Holyoke. Some of them touched ground, wrecking a farm house and damaging farm buildings and farm equipment in the area. Heavy rain fell in parts of northeast Colorado.
Eastern Colorado	25	1:00PM				0	0			Tornado
										A pilot reported a tornado 30 miles SSE of Denver. No damage reported.
Akron	25	4:30PM				0	0	4		Hail
										Large marble sized hail in a strip from one and one half to 15 miles east of Akron did extensive damage to crops. A maintainer was required to push hail off the roads. Depths ranged from 4 to 6 inches.
Arapahoe County	25	12:15PM				0	0			Hail
										A pilot reported 3/4 inch hail 30 miles east of Denver.
Douglas County	25	1:00PM				1	0			Wind
										The State Patrol reported that a fierce gust of wind swept a man from the back of a pickup truck in NW Douglas County, threw him to the road and injured him fatally. The man was holding a mattress in the bed of the truck.
CONNECTICUT										
Lake Harwinton, Litchfield County	2	4:05 p.				0	0	0	0	Waterspout
Litchfield, Hartford, New Haven and Middlesex Counties	17	PM				0	1	4	5	Hail, wind, lightning
										Unusually heavy thunderstorms produced considerable hail and numerous lightning strikes especially in Middletown, East Hampton, Woodus, Durban, and Higganum in Middlesex County, Bantam and Litchfield in Litchfield County, Cheshire and Meriden in New Haven County, and Windsor in Hartford County. Hail reached diameters of 1 inch in Cheshire and Middletown. Damaging winds occurred in Bantam and Cheshire. A 83 year old man was injured by a lightning strike in East Hampton.
Fairfield and New Haven Counties	26	5:30 p.-9:00 p.				0	0	4	0	Wind, rain, lightning
										Intense thunderstorms with heavy rain caused flash floods in parts of Fairfield County. Lightning set fires in Bridgeport, Brookfield, Milford, Danbury, Huntington and Shelton in Fairfield County and in Milford, New Haven County. Telephone and power services were interrupted in many sections.
East Granby, Manchester, Simsbury, and West Hartford, in Hartford County; Canaan, New Hartford, New Milford, Norfolk, Washington, and Winsted in Litchfield County; Wallingford in New Haven County; Norwich in New London County	27	4:00 p.-8:00 p.				0	1	6	0	Lightning
										Numerous lightning strikes accompanied brief violent thunderstorms. Several serious fires were started and lightning injured a 12 year old boy in Wallingford.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
DELAWARE Statewide	27	6:00-9:00PM					3	C	Wind, lightning, hail, duststorm
A small line of severe thunderstorms, pushing eastward across state, brought strong, gusty winds, some scattered hail and rain. Trees were toppled and power lines downed. Several homes were damaged by lightning. Because of the prevailing dryness and the very little rainfall during storm, in southern areas, small but intense dust storms were reported there.									
FLORIDA									
Florida City Dade Co.	10	Afternoon			0	1	0	0	Lightning
West Palm Beach Palm Beach Co.	21	Afternoon							Funnel Cloud
West Palm Beach Palm Beach Co.	24	Afternoon							Funnel Cloud
Apalachicola Franklin Co.	29	10:13 a.m.							Waterspout
Winter Park Orange Co.	29	5:10 p.m.			0	0	5		Wind and Hail
Strong, gusty surface winds with thunderstorm uprooted trees, damaged roofs. Several cars damaged by falling trees. Hail accompanied storm. Hail averaged 3/4 inch in diameter and largest stones about 3/4 inch in diameter. Storm affected an area about 2 miles square.									
Fort Myers Lee Co.	31	4:00 p.m.			0	0	5		Wind and Hail
Strong, gusty surface winds and hail, mostly 3/4 to one inch in diameter with few up to 2 inches in diameter, caused considerable damage in area around Fort Myers Airport and several miles southward. Hail broke windows in numerous residences, damaged roofs and caused considerable damage to a number of aircraft parked at airport and to exposed automobiles in the area. Hail fell at Fort Myers airport from 4:07 p.m. to 4:34 p.m.									
GEORGIA									
Southwest Atlanta	20	3:15 p.m.	25	25	0	0	3	0	Tornado
Small funnel apparently lowered to near ground momentarily and then lifted. Trees 12-15 inches in diameter twisted off. Witnesses reported seeing funnel and hearing loud roar. Moved north-northwest.									
North Central	21	pm			0	0	4	0	Wind, rain and hail
Damaging winds, heavy rain and hail hit several northcentral communities with heaviest damage in Lumpkin County. Roofs were damaged, trees uprooted and several trailer houses were demolished. Hail caused minor damage.									
Near Jonesboro 10 SSE Atlanta AP	27	3:00 p.							Funnel Cloud
Hook echo reported by Atlanta radar. Apparently a funnel cloud that did not reach surface as no damage was reported.									
Nacon Area	28	pm			0	2	3	0	Thunderstorm
Two men injured by lightning while working on fence.									
HAWAII									
Off Waikiki, Oahu	2	4:30 p.-5:00 p.			0	0	0	0	Waterspouts
Six to eight observed about 1 mile offshore. Disturbance of sea surface estimated at 1/4 mile in diameter. Each lasted 3 to 5 minutes, and none moved onshore.									
Honolulu, Oahu	2	4:45 p.			0	1	5	0	Rain
Roof of a supermarket collapsed under weight of accumulated water during heavy thunderstorm, injuring an employee and doing \$100,000 damage to stock and structure.									
Windward (Eastern) Oahu	2	5:00 a.-afternoon			0	0	5	4	Rain
Flash floods from torrential thundershowers exceeding 4" an hour were most severe in Kahaluu, where 6 homes were destroyed, 4 badly damaged, 3 bridges washed out, fruit and vegetable crops lost. Flooding and damage to crops private and government property extensive between Waialae and Kailua. Rainfall totals in some areas reached 24" in less than two days.									
IDAHO									
Idaho Falls	22	Afternoon				1			Lightning
Woman knocked unconscious in living room of her home. Treated at hospital and released.									
Fairfield	25	Afternoon	1 1/2	Unknown			3		Hail
Ballstones, some an inch in diameter, fell two to four inches deep in Hamard area southeast of Fairfield, causing considerable damage to alfalfa crops. Hail fell for about 30 minutes. Storm covered strip about 1 1/2 mi. long, moving in a southeasterly direction.									
Malad	31	Late afternoon							Lightning
Navy patrol bomber, minutes out of Malad, struck by lightning that knocked off 18-inch portion of tail section - damage not discovered until plane landed at Seattle. Same storm knocked out electrical appliances in several Malad homes, but no injuries or fire damage.									
ILLINOIS									
Fulton	7	3:15p			0	0	0	0	Hail
Hail 1" diameter reported at Fulton (40 NE Moline)									
Forreston	7	5:10p			0	0	0	0	Hail
Hail 3/4" diameter reported at Forreston (30 W Rockford)									
Quincy	7	7:06p			0	0	0	0	Hail
Hail 3/4" diameter reported at Quincy Airport									
DuPage & Cook Cos.	26	7:45a	15 1/2	70	0	5	5	0	Tornado
Small tornado first touched 3 1/2 miles NW of Wheaton at 7:45 a.m. Moved ENE to NE at about 60 mph touching intermittently (twice more). Five persons cut by glass, one seriously, when plate glass window blew in. Twenty to forty cars damaged in O'Hare Field parking lot. Some were overturned and piled together. Window glass was crystallized in others from inside pressure as tornado passed near. Other damage to houses, utility lines, trees and a few business buildings.									
Cook County	26	8:22a	1	50	0	0	4	0	Tornado
Small tornado moved ENE through center of Sauk Village in southern Cook Co. Damage mostly to roofs or garages with an occasional wall popped out and large tree limbs broken. Information on Cook and DuPage County tornadoes from Chicago WBC report.									
Monroe County	26	3:00p	1/2	narrow	0	0	4	0	Tornado
Small tornado moved NE. "Sucked" water and sand from Mississippi and deposited it in fields. Most damage to roofs and small buildings but distinct circular pattern to debris. Funnel observed by several people.									
INDIANA									
Dana, Vermillion County	4	E.S.T. 9:25 p.			0	0	0	0	Funnel
Perkinsville, Madison County	6				0	0	4	0	Wind
House trailer destroyed and another trailer damaged.									
Evansville, southeast	16	7:30 p.							Funnel
Morgantown, Morgan County	18				0	0	4	0	Tornado
Trees felled, roofs damaged, and some windows broken.									
New Castle, Henry County	18				0	0	1	0	Tornado
Teacher saw twister. Tree subsequently uprooted in playground.									
Logansport, 5 miles East	24	p.m.			0	1	0	0	Lightning
Man injured by lightning striking cemetery office.									
Ladoga, Montgomery County	24	4 p.			0	0	0	0	Funnel
Indianapolis	24	p.m.			0	0	0	0	Funnel
Funnel cloud was seen near a shopping center in northwest part of the city.									
Indianapolis, 11 miles Northeast	24	5:25 p.			0	0	0	0	Funnel
Albion, Noble County	24	5:31 p.			0	0	0	0	Funnel
Plymouth, Marshall County	26	5:25 a.			0	0	0	0	Funnel
Hamlet, Starke County	26	5:41 a.			0	0	0	0	Funnel
Observed moving northeastward.									
Wappanee, Elkhart County	26	6:15 a.			0	0	0	0	Funnel
Wakarusa, 1 mile east, Elkhart County	26	6:30 a.			0	0	3	0	Tornado
Trees and a house damaged.									
South Bend, 10 miles S	26	6:35 a.			0	0	0	0	Funnel
Jamestown, 2 miles South in Elkhart County	26	11:30 a.			1	0	0	0	Wind
High winds caused electric lines to come together shocking a lineman fatally.									
Denville, Hendricks County	26	3:47 p.			0	0	0	0	Funnel
Stillwell, 2 miles South in LaPorte County	26	afternoon			0	0	0	0	Funnel
Berne, 1.5 miles south- east, Adams County	26	7:14 p.			0	0	4	0	Tornado
Two barns, 1 mobile home, and other buildings on four farms were destroyed.									
Shelbyville, 1 mile South, Shelby County	26	7:47 p.			0	0	0	0	Funnel

See reference notes at end of table.

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KANSAS (Cont'd.) Anthony	13	6:43 p.							Funnel aloft
Prett County	13	8:00 - 8:30 p.	?	100	0	0	4	0	2 tornadoes
		One tornado hit 2 miles east and 1/2 mile south of Wellsford between 8:00 and 8:30 p. This was probably the same one that hit about 1 mile south of Iuka at 8:30 p. Another tornado touched down 3 miles west and 1/2 mile north of Coats at 8:00 p.							
Kiowa	13	8:20 p.	Short	Narrow	0	0	4	0	Tornado
South-central Kansas	13	8:50 - 10:35 p.	70	100	0	10	5	4	Tornado
		A tornado, located 10 miles south-southeast of Wellington and moving erratically, moved to near Belle Plaine, thence northward and north-northwestward across the western part of Wichita to just west-northwest of Halstead. The tornado was on the ground intermittently.							
Walton	13	10:52 p.	Short	Narrow	0	0	?	0	Tornado
Dickinson and Saline Counties	15	1:00 - 1:40 p.							Funnel Clouds
		Three funnel clouds observed; one was 3 miles west-southwest of Salina, another 10 miles southwest of Salina and the third near Carlton.							
Jefferson County	18	Early morning	?	?	0	0	?	?	Hail
		Hail up to 3/4" in diameter near Valley Falls.							
Cherokee County	18	About 8:00 p.							Funnels aloft
		One funnel was observed between Columbus and Baxter Springs and another north of Galena.							
Cherokee County	18	8:17 p.	Short	Narrow	0	0	0	0	Tornado
		A tornado touched down briefly 6 miles south of Columbus.							
Crawford County	19	Between 2:00 - 2:30 p.							Funnels aloft
		One funnel was observed just northwest of McCune and another 2 miles west of Cherokee.							
Crawford County	19	Afternoon							Funnels aloft
		One funnel was observed near McCune at 4:05 p.; another was sighted 5 miles north of Pittsburg at 5:03 p.							
West-central and north-central portions	21	Late afternoon & evening	?	?	0	0	4	5	Hail, rain
		Ellis, Hodgeman, Lane, Ness, Smith and Trego Counties were affected by hail. Hail up to 2-1/2" in diameter in Hodgeman County, up to 1-1/2" in Mitchell and Trego Counties, and up to 1" in Ellis County. Damage to crops from rain in Ellis County was estimated at \$25,000.							
Oakley	22	1:15 - 1:20 p.	5	*2	0	0	4	3	Hail, wind
		A few hail stones 1-1/2 inches in diameter.							
Sherman County	22	2:30 p.	8	*3	0	0	3	4	Hail
		Hail stones up to golf ball size fell in north-central Sherman County.							
Sherman County	22	4:00 - 5:00 p.	?	?	0	0	4	0	4 tornadoes; funnel clouds
		Four tornadoes and several funnel clouds occurred from 1 to 7 miles north of Goodland. The direction of movement of the tornadoes is unknown; one is believed to have moved from northwest to southeast.							
Goodland	22	7:00 p.	?	?	0	0	3	0	Tornado
		A tornado hit the south part of the business district.							
Saline County	24	1:43 p.	1/2	?	0	0	0	0	Tornado
		A tornado touched down between Bawaria and Brookville; moved north-northeast.							
Jewell County	24	About 5:00 p.	?	100	0	0	0	0	Tornado
		A tornado was first observed between Ebon and Lebanon; it moved north-northeastward about 30 mph to near Guide Rock, Nebraska at 5:13 p.							
Scott County	25	12:30 p.	Short	Narrow	0	0	0	0	Tornado and funnels aloft
		A tornado was observed just south of Scott City; several funnels were in the area at the same time.							
KANSAS (Cont'd.) Lane County	25	1:35 p.	?	?	0	0	0	0	Tornado and funnels aloft
		A tornado occurred 6 miles southeast of Dighton. A funnel aloft passed over Dighton.							
Thomas County	25	1:36 p.							Funnels aloft
		Several funnels were observed 11 miles east of Colby.							
Norton and Phillips Counties	25	2:00 p.	8	200	0	0	4	4	Tornado and funnels
		A tornado touched down briefly about 2 miles southeast of Norton and hit 6 miles east of Norton. It passed over Almene as a funnel cloud and briefly touched down again near Long Island.							
Hodgeman, Pawnee and Barton Counties	25	2:30 - 5:00 p.	25	Narrow	0	0	4	0	2 tornadoes; funnels aloft
		A funnel was observed between Jetmore and Hanston about 2:30 p. It moved to 5 miles south of Rozel and became a tornado; the tornado moved on a discontinuous path to north of Pawnee Rock about 4:15 p. Several funnel clouds were observed near Great Bend airport. Another tornado 5 miles west of Rozel at 5:00 p. moved northeast.							
Clark County	25	3:25 p.	1/2	400	0	0	0	0	Tornado and funnels aloft
		Tornado 1-1/2 miles west of Minneola. Two funnels aloft were reported at the same time.							
Ford County	25	Afternoon	?	?	0	0	4	0	Tornado
		A small tornado hit a farm on the Ford County line north of Dodge City.							
Gray County	25	Afternoon	?	?	0	0	0	0	Tornado
		A tornado southwest of Montezuma apparently moved northeastward.							
Ellis and Trego Counties	25	Afternoon							Funnels aloft
		A funnel was observed 20 miles northwest of Russell at 4:16 p. Another was seen near Ogallah in the afternoon.							
Smith and Phillips Counties	25	4:00 - 4:30 p.	?	?	0	1	5	0	3 tornadoes; funnel clouds
		One tornado occurred 6 miles south of Phillipsburg about 4:00 p. Twelve to fifteen funnels were reported in the Cedar, Claudell, Athol, Kensington area, and it is believed that several of these touched the ground for brief periods. One was reported on the ground southwest of Smith Center and another 2 miles west of Athol.							
Ellsworth and Lincoln Counties	25	6:00 p.							Funnels aloft
		A funnel observed southeast of Ellsworth moved northeast to near Westfall. Two other funnels were observed in eastern Lincoln County.							
Marshall County	25	6:30 p.							Funnel aloft
		A funnel was reported 3 miles northwest of Artell.							
Pratt and Stafford Counties	25	6:38 - 7:30 p.	25	250	0	1	6		2 tornadoes; funnels aloft
		Two tornadoes and 4 funnels aloft were reported in the Pratt area. The Pratt airport and Iuka were hit. Tornadoes moved northeastward, causing damage at Zenith at 7:30 p. Five funnels aloft were seen in the Zenith area.							
Clay and Riley Counties	25	7:00 - 8:30 p.	?	?	0	0	4	0	Tornado and two funnels
		A tornado hit 5 miles north of Clay Center between 7:00 and 7:30 p. Three funnels aloft were also reported. One occurred at 8:17 p. 7 miles east of Clay Center and was seen 4 miles northeast of Randolph about 9:00 p.							
Cheyenne County	25	About 7:10 p.	?	?	0	0	3	0	Tornado
		A tornado was reported 7 miles west-northwest of Eird City. Apparently this storm moved eastward hitting again 2 miles north of Eird City.							
Harper and Barber Counties	25	Evening							Funnels aloft
		Several funnels were observed in the Anthony, Harper, Medicine Lodge area.							
Northern and western portions	25-26	Afternoon -25; and morning-26			0	0	*6	0	Wind, hail
		A storm which moved from west to east across the State caused widespread damage. Damaging hail was reported in 55 of the 105 Kansas counties. Hail 3" in diameter, or larger, fell in portions							

See reference notes at end of table.

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KANSAS (Cont'd.)										
Northern & western portions (cont'd.)										of Decatur, Haskell, Phillips, Sheridan and Thomas Counties. Hail up to 4-1/2" in diameter fell locally in Norton County. Wind damage was heaviest in Barton, Clay, Franklin, Douglas, Harper, Hodgeman, Johnson, McPherson, Miami, Norton, Pawnee, Phillips, Pratt, Reno, Rice, Smith, Stafford, Sumner, and Wyandotte Counties.
Pawnee County	30	About 7:30 p.	Short	Narrow	0	0	4	0	Tornado	A small tornado hit briefly 4-1/2 miles northwest of Rosel and was observed later as a funnel aloft 5 miles north of Rosel moving northeastward.
Rush and Sedgwick Counties	30	Evening	?	?	0	0	?	?	Hail	Hail was about 1" in diameter.
Barton and Russell Counties	31	About 8:10 p.							Funnels aloft	Three funnels aloft were reported near the Barton-Russell County line near U. S. Highway 281.
Central Kansas	31	Night			0	0	4	5	Hail, wind, rain	This storm was especially damaging in Rice County but some damage also occurred from Trego and Ellis Counties southeastward across Russell, Barton, Ellsworth, and McPherson Counties. Hail stones up to 1-1/2" in diameter fell in Rice, Ellsworth and Barton Counties, and egg-sized hail fell over portions of Ellis County. Flash flooding along Cow Creek severely damaged crops in some areas of Rice and Barton Counties.
<u>SPECIAL HAIL SUMMARY</u>										
Hail Loss Clearing House Reports indicate hail was especially severe on these dates in the following counties:										
	4	Scott, Rice, Reno								
	7	Kearny, Finney, Decatur, Ness								
	8	Barber, Kingman, Washington, Montgomery								
	13	Russell, Sedgwick, Sumner								
	21	Mitchell								
	21	Ness, Hodgeman, Ellis, Smith								
	25	Rawlins, Cheyenne, Finney, Haskell, Seward, Decatur, Sheridan, Gray, Meade, Norton, Graham, Trego, Ness, Hodgeman, Ford, Clark, Phillips, Rocks, Hodgeman, Rush, Pawnee, Smith, Barton, Stafford, Barber, Ellsworth, Rice, Kingman, Harper, Sumner, Marshall								
	29	Meade, Morris								
	30	Finney, Ford, Kiowa, Rice, Cloud, Sedgwick, Sumner, Cowley								
	31	Trego, Rocks, Ellis, Russell, Barton, Stafford, Ellsworth, Rice, Reno, Cloud, McPherson, Harvey, Marshall, Cowley								
KENTUCKY										
Henry County	16	6:58 p.							Funnel cloud	A pilot reported a funnel cloud moving north-northeast 30 miles northeast of Louisville.
State	18	p.m.				4			Wind, electrical	Wind and lightning associated with thundershower activity at widely scattered locations over the State were responsible for a variety of damage. In Webster county, northwest Kentucky, fire apparently set by lightning burned a barn and contents. In Taylor county, central Kentucky, high wind partially unroofed a church, uprooted trees and downed power lines. In eastern Kentucky, high wind was responsible for damage to some buildings and utility lines in the Middleboro, Bell county; during an electrical storm, lightning struck and caused considerable damage to 4 buildings on the Pikeville College campus, Pike county.
Fayette County	24	5:00 p.							Funnel cloud	A funnel cloud was sighted about 5 miles northeast of the airport by the observer on duty at the Weather Bureau Airport Station, Blue Grass Field, Lexington.
State	26-27					4			Wind	Much of the State had thunderstorm activity associated with a squall line which moved eastward during the night of the 26th and the early morning hours of the 27th. Reports of damage were received from western Kentucky, Logan and Simpson counties, and from the Blue Grass area, Anderson, Woodford, Scott, Harrison, Mason, Bourbon and Fayette counties. There was a variety of damage: residences damaged; farm buildings damaged or destroyed; trees and utility lines downed. Early on the 27th gusts to 60 miles per hour were observed at the Weather Bureau Airport Station Lexington.
KENTUCKY (Cont'd.)										
Simpson County	26	10:15 p.	short	100	0	0	4		Tornado	Apparently approaching from the southeast, the storm, a probable tornado, damaged a residence, damaged or destroyed 3 barns and other property. A pick-up truck was lifted off the ground and slammed into a pile of bricks. Force of the wind drove a piece of wood from a wrecked tobacco barn through the steel rear gate of the truck.
LOUISIANA										
Calcasieu Parish	19	11:00 a. - 11:15 a.							Funnel Aloft	Funnel cloud aloft reported 2 SE Lake Charles 11:00 a. - 11:02 a. Funnel cloud aloft reported 7 NE Lake Charles 11:15 a.
Lasalle Parish	19	3:55 p.							Funnel cloud aloft	Pilot reported 1 funnel cloud to N of Catahoula Lake, 35 NE Essler Field (latitude 31.8°N, longitude 91.8°W), he believed it touched ground but unable to confirm.
Lake Pontchartrain	21								Heavy rain	Heavy New Orleans rains resulted in sewage entering lake; bacteria count increased; Lake declared closed to swimmers. Rain also made streets slippery, police report 16 accidents New Orleans area.
Acadia Parish	23	12:30 p. + ?		440	0	0	1	0	Waterspout	During thundershowers S of U.S. Highway 90; waterspout developed over Mermentau River water area. moved from SW to NE, turbulent winds turned over 1 small boat.
Iberville Parish	26	about 11:00 a.							Funnel Cloud Aloft	Funnel cloud aloft reported 20 S Baton Rouge.
Evangeline to East Baton Rouge Parish	28	after-noon			0	0	3	4	Hail	Dense group showers and thunderstorms moved ESE; some storms had heavy rain, hail, and/or high wind over limited areas. EVANGELINE PARISH: County agent reported hail covered ground with depths up to 4 in. over 30 sq. m. in NW part Parish, sufficient hail fell in one rice field to freeze and kill rice not covered by water, also as much as 10 in. rain fell small area N part Parish. Hail driven by strong winds stripped trees of leaves and damaged crops. In Pine Prairie - Turkey Creek area about 2:00 p. - 2:40 p., some hail as big as golf ball. ST. LANDRY PARISH: Hail destroyed some crops while leaving those of neighbors untouched. In Whitewille area along both sides Highway 182 from about 1 E of post office to 5 W; cotton buds stripped, west side of stalks badly bruised, some leaves remained fields older cotton, about half being replanted; corn in or near tassel stage destroyed or seriously damaged; hail started with little pellets like sleet, then few about one-half hen egg size, then the damaging ones but ordinary size; ground almost covered, some drifts to 2 inches. EAST BATON ROUGE PARISH: Hail size ranged up to golf ball. Minor damage mostly near "Old" Jefferson Highway in southern Baton Rouge and SE part of Parish.
MAINE										
None reported										
MARYLAND										
Cumberland	7	7:00AM					3		Lightning	Lightning snapped a high tension line which disrupted operations at one of the City's major industries, interrupted electrical service to many homes during morning and halted traffic on two railroads for several hours.
Washington and Frederick Counties	16	After-noon					4		Thunderstorms	Power service was interrupted in many sections, mostly by falling tree limbs. A large neon sign was destroyed at Frederick by strong gusty winds. Fire caused by lightning damaged one dairy barn while winds damaged another. State police reported a sudden rash in traffic accidents during storm, mostly to west of Hagerstown.
Washington County	25	After-noon					3		Lightning	Cattle were killed at widely separated points in county. Two were killed under a tree near Downsville and four, also under a tree, were killed at Dry Run.
Central and eastern Counties	27	After-noon & Evening			0	1	5	C	Wind, lightning, duststorm, hail	A squall line of severe thunderstorms with strong gusty winds moved eastward across area and caused extensive damage especially in South Baltimore (city), where roofs were blown from homes and 2 schools, trees toppled, utility lines downed, display windows shattered, a church steeple, an area landmark damaged and 32-car freight train blown 3000 feet, crashing through a loading building and derailling six cars. One fireman was injured in Howard County, while fighting one of several fires caused by lightning. Barns and corn cribs were destroyed by fire, also caused by lightning, near Kingstown and the owner slightly injured. Some crops were damaged by wind in Kent County. Some hail to size of marbles was reported but no damage was indicated. Small but intense duststorms, triggered by strong gusty winds, were reported on southern Eastern Shore where very little rain had fallen. Several auto accidents were blamed on these duststorms.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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	
MASSACHUSETTS									
Bellingham	16	2 PM		17	0	0	2	0	Dust devil. Antique vases and other articles broken or damaged when dust devil visited area of an outdoor auction sale.
Shrewsbury	20	2 PM			0	0	1	0	Dust devil.
Central and Eastern portions	27	PM			0	0	5	0	Lightning and wind. Wind most damaging in central portions of state, especially in the Goshen, Hatfield, Holyoke and Northampton communities. A barn was blown down at Hatfield. A number of persons narrowly escaped injury from falling trees and wires. Many utility failures. Lightning damage over larger area including eastern portion, with many buildings damaged or destroyed by resulting fire. Heavy rains in a few local areas caused temporary street flooding.
Westhampton	27	3 PM	1 1/4	40	0	0	2	0	Tornado. Funnel was observed. Path on ground discontinuous and erratic with damage confined to trees, broken or uprooted, and power lines.
MICHIGAN									
Hillsdale County	4	4:00 p., 5:00 p.					4		Thunderstorms with lightning. Lightning induced fires damaged several homes and contents.
Ironwood and Gogebic County	6	2:30 p.					5		Thunderstorms with large hail, and high winds. Hailstones up to 1 1/4 inches in diameter caused considerable damage to buildings and homes. Heavy window glass breakage reported. High winds caused damage to numerous commercial signs and felled many trees with resultant damage to buildings and cars.
Flint	6	4:00 p.			1		1		Lightning. Barber at work was knocked unconscious by a lightning strike. He was treated at a nearby hospital.
Iron Mountain	7	4:35 p.					3	C	Hail. Three fourths inch size hail reported.
Traverse City	9	12:04 p.							Waterspout. Sheriff reported waterspout on Grand Traverse Bay.
Fruitport	16	6:10 p.					4		Lightning. Lightning induced fire completely destroyed lumber yard with entire stock of lumber and building supplies.
Flushing	16	Afternoon					5	C	Thunderstorms with large hail. Golf ball size hail caused heavy damage in Flushing and adjacent areas to the north and west. Roof and siding on numerous homes and buildings damaged. Numerous windows were broken. Hail damaged trees, plants, gardens and shrubs. Ground completely covered by hail in some of the area.
Southern half of lower Michigan	26	10:00., 3:00 p.			1		5	C	Thunderstorms with lightning, high winds, hail and heavy rains. High winds felled numerous trees with resultant damage to buildings, homes, and cars. Streets and roads were blocked by the felled trees. Structural damage to buildings reported due to high winds. Roof blown off large super market building in Flint and contents damaged due to heavy rains with estimated damage near nine thousand dollars. Power service was disrupted to hundreds of homes due to the storms. Heavy rains flooded numerous basements of buildings and homes with considerable damage reported. Expressways, streets, and roads were flooded due to excessive rains with resultant damage. Boy in Detroit injured, when struck by lightning while opening school room window.
Southern half of Lower Michigan	26	10:00a., 3:00 p.							Funnels aloft. There were numerous reports of funnels aloft throughout the area. Official sources estimate there were 25 to 30 funnels aloft in addition to the specific individual funnel aloft sightings listed herein below.
Bridgeman	26	10:38 a.							Funnel aloft
Buchanan	26	10:50 a.							Funnel aloft
Niles	26	11:02 a.							Funnel aloft
Lawton	26	11:12 a.							Funnel aloft
Union City	26	11:25 a.							Funnel aloft
Assyria	26	12:05 p.							Funnel aloft
Constantine	26	12:15 p.							Funnel aloft
Lowell	26	12:18 p.							Funnel aloft
Battle Creek	26	1:30 p.					10		Funnel aloft reported 10 miles north of Battle Creek.
Eaton Rapids	26	1:40 p.							Funnel aloft. Funnel aloft reported 12 miles southwest of Eaton Rapids
MICHIGAN (Cont'd)									
Flint	26	1:45 p.					4		Funnel aloft reported 4 miles northeast of the airport.
Jackson	26	1:50 p.					18		Funnel aloft reported 18 miles east-southeast of Jackson.
Milford	26	2:01 p.							Funnel aloft
Otisville	26	2:05 p.							Funnel aloft
Davison	26	2:15 p.					6		Funnel aloft reported 6 miles east of Davison.
MINNESOTA									
Martin, Faribault, Freeborn, Olmsted, and Mower counties	3	3:55a-6:30a			0	1	5	0	Windstorm and hail. Strong winds wrecked several buildings near Truman and hail up to 1 1/4 inches in diameter that broke hundreds of windows was reported throughout a wide area. Hail so heavy in Truman that people used snow shovels to clear hail drifts; over 50% of the homes had broken windows.
Blue Earth county	5	5:30p			0	0	0	0	Hail. Hail about 1 inch in diameter fell for 5 minutes in the Mankato area.
Olmsted county	5	evening			0	0	3	0	Hail. Hail stones fell in some sections in and near Rochester. Average diameter of stones in Rochester was 3/8 inch with some 1 1/4 inches. Landsboro reported stones the size of golf balls.
Stearns, Douglas, Ottertail, Becker, and Polk counties	5	5:20p-7:45p	180	varied	0	0	5	0	Tornado. Two tornadoes sighted three miles west of Melrose in Stearns county at 5:20p. One of the funnels passed along the southeast edge of Sauk Centre causing little damage. Length of path 1/2 mile, width 200 yards. At about 5:40p the tornado touched down near Lake Darling in Douglas county, moving from south to north. It continued on the ground for 5 miles in a path 100 to 200 yards wide. Cottages along Lake Darling and farm buildings near Urbank damaged. A short time later it touched down again near Parkers Prairie in Ottertail county causing extensive damage to at least 8 farms. It was sighted 13 miles north of Parkers Prairie at about 6:00p. Later the tornado touched down in a rural area 4 miles southwest of New York Mills, Ottertail county, for 1/8 mile causing 3,000 dollars damage to 2 farms. It cleared a zig-zag swath 3 feet wide and 100 feet long near one farm. At 6:45p the Highway Patrol reported a touchdown just north of Parkham and at 6:50p it moved through Big Toad Lake, about 15 miles east of Detroit Lakes in Becker county. Path was about 50 yards in width with one home destroyed and minor damage to 3 other homes and cottages. At about 7:45p a funnel cloud sighted 18 miles northeast of Crookston in Polk county. Marble size to large stone hail reported in areas along the path.
Gaylord, Sibley county	5	5:45p	10		0	0	4	0	Tornado. A small tornado skipped along a path about 10 miles long beginning 4 miles south of Gaylord and moving NE. Damage done to a light plane and to buildings on 7 farms.
Becker county	5	6:00p							Funnel cloud. A funnel cloud sighted 15 miles west of Detroit Lakes.
Fillmore, Houston counties	5	7:00p-8:20p	50	?	0	6	6	0	Tornado. A tornado moved across Iowa border and continued on past Canton, Lenora, and north of Newburg. It caused major damage to buildings on at least 12 farms. Six persons injured and 1-2 dozen head of cattle killed. The funnel was accompanied by heavy rains and hail. It continued northeastward and at a point five miles north of Yucatan completely destroyed a farm and damaged another. Near Houston several farms wiped out and a 40 passenger school bus and brick school house demolished. A car lot and some city buildings damaged as the tornado moved northeasterly along the edge of Houston and into Looney Valley. At 8:20p it moved past Dakota and La Crescent doing some damage to a house and barn. From here an observer saw the funnel moving across the Mississippi River toward Wisconsin.
Olmsted, Wabasha counties	5	8:25p	short	?	0	0	2	0	Tornado and hail. A tornado touched down briefly near Elgin. Plainview police later reported that a funnel cloud passed over city 200 ft. up. Hail, 2 1/2 inches in diameter fell in Rochester.
Mower, Fillmore counties	5	8:55p-9:15p	25	?	0	0	5	0	Tornado. A tornado moved across the Iowa border and at 9:00p destroyed a farm and caused damage at 5 others near LeRoy. At Ostrander it did damage to about a dozen farms and destroyed an implement company garage in town. Between Ostrander and Chatfield it touched down in a few isolated areas damaging at least 5 farms.
Winona county	5	9:00p	short	?	0	0	4	0	Tornado. A tornado touched down briefly 4 miles south Fremont doing severe damage to 2 farms.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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		
MINNESOTA (Cont'd.)										
Fairmont, Martin county	6	7:30p			0	0	4	0		Hail
	A hailstorm with stones up to 3 inches in diameter fell in Fairmont area doing extensive damage to 2 greenhouses and minor damage to other property.									
McLeod, Sibley, Carver, Hennepin, Ramsey, Anoka, Isanti, Chisago, Kanabec, Washington counties	6	6:27-9:20p			14	683	7	0		Tornadoes, funnel clouds, winds, and hail
	A family of 6 tornadoes struck an 11 county region with greatest damage and concentration southwest and just north of Minneapolis. Through the evening 24 hook shaped echoes appeared on the Minneapolis WRAS radar and a large number of confirmed and unconfirmed funnel clouds reported. Many reports of hail, up to golf ball size, throughout the region.									
	The first touchdown occurred at a farm 1 mile south of Chanassen. The tornado then skipped northward to Chanassen hitting a lumber yard and 6 buildings in a shopping center in a path 150 yards wide. Two clicks in the vicinity stopped at 6:27p. From here northward to Lotus Lake, about 20 homes received major damage or destroyed with 15 homes having minor damage. The tornado continued northward into the Christmas Lake area where 18 homes destroyed and 32 received major damage. It then moved over Deephaven damaging 100 homes, curved northeastward, thereby going south of Medicine Lake, touched down briefly at Hwy 100 in Golden Valley (where it inflicted major damage on at least 6 homes). Several homes in Minneapolis were damaged before it moved over the Mississippi River into the lower section of the suburb of Fridley. Here it traveled northward hitting the Northern Ordnance Division of the FMC Corporation at 7:05p continuing through Fridley. At Fridley City Hall the clock stopped at 7:10p giving the time of the first of three tornadoes to hit this suburb. Many Fridley residents hit by 2 tornadoes in an hour and 35 minutes period; some suffered damage from all three. Excellent warnings by the Weather Bureau and fast dissemination by radio held the Fridley death count to two people. Damage from the three tornadoes in Fridley included 425 demolished and 1100 badly damaged homes. About 1,700 people had to leave their homes and find temporary shelter elsewhere. The Fridley school district superintendent estimated the damage to schools alone at about \$5 million. Private property damage estimated by the mayor at \$8.5 million. Twenty-thousand phones were out of service during the night in the northern suburbs. After Fridley this first tornado skipped northward passing just west of Spring Lake Park and touching down near Blaine, severely damaging Anoka County Airport and destroying 10 planes.									
	A second tornado reported at 6:50p near Green Isle by an airline pilot. It moved northeastward flattening farm buildings and trees. Three miles SE of Hamburg a farmer killed along with a barn-full of prize cattle at 6:55p. The funnel cut a 1/2 mile wide swath through here. It continued northeastward just missing Norwood-Young America, and Waconia in a path of snapped, twisted, and stripped trees that sometimes was as wide as 3/4 of a mile. All buildings completely destroyed on 20 farms in this 8 mile long section of the track. The vortex moved upward and descended again near Hwy #7, west of Lake Minnetonka. It moved over Island Park, killing one woman, and destroying 8 homes and 3 farm building units. It continued through Mound killing 2 people and damaging many homes. Moving through Spring Park and Navarre it destroyed about 30 homes, many boats and a resort, and badly damaged the Navarre business district. It crossed Hwy #12, just west of Wayzata, destroying the Country Club horse barn. From here it moved into the Hamel area where it apparently dissipated.									
	The third tornado began about 6:55p midway between New Auburn and Glendoe and moved about 15 miles to the northeast dissipating near Lester Prairie. It followed a zig-zag pattern, destroying or badly damaging 25 farm building units and demolishing a church and school. Damage estimate placed at about \$1 million.									
	The fourth tornado touched down about 7:15p and followed a short path from southwest of Cologne (west of Cotha) to just northeast of Cologne. Three barns destroyed.									
	The fifth tornado first observed near the Minneapolis-Fridley border at 37th Ave. NE and Marshall. Several people had observed a huge funnel cloud form in the Chanassen area sometime before and move northward. This may have been the beginning of this tornado. It moved from northwestern Minneapolis eastward over Northern Ordnance (the second strike on this large industrial complex) at 8:10p and then NNE across Fridley. It hit Fridley's main school and park complex, among other structures, then moved northeasterly and struck the Fridley Trailer Court. This and the sixth tornado both hit this 275 unit trailer court. Two-hundred trailers were destroyed, some apparently had exploded, but only one person, an infant, killed. Many people in this Park took shelter in the cinderblock wash house. The tornado continued northward from here into the next suburb, Spring Lake Park. Here 150 homes destroyed and 145 heavily damaged. About 75 % of Spring Lake Park businesses in the city were demolished and 900 people were left homeless. The tornado lifted or dissipated at this point, although sometime later there was wind damage to 3 farms in Braham area 50 miles NNE of Spring Lake Park.									
	The sixth tornado first touched down in Golden Valley near 8:40p at Douglas Drive and Hwy #55 damaging 25 homes and 8 businesses. It travelled northeastward touching down again in Fridley (the third tornado to hit Fridley) near Hwy #100 and University, moved northward through Fridley between the paths of tornado number one and number five. It curved ENE at Mississippi St., then turned northward again just west of Hwy #65 and went through the Fridley Trailer Court. It moved northeastward through the suburb of Mounds View where 6 people killed and 150 injured. At least 45 homes and 6 apartment buildings destroyed. Total damage in Mounds									
MINNESOTA (Cont'd.)										
	View amounted to about one million dollars. The tornado continued moving northeastward passing over Centerville Lake at 8:57p. Four farms north of here damaged in a 1/2 mile wide path. It then continued moving northeastward as a funnel cloud touching down again briefly in the Almelund area at 9:20p where it snapped trees and damaged buildings on 3 farms.									
Sibley county	7	5:30a			0	0	4	0		Hail
	Hail stones 1 1/2 inches in diameter fell for 1/2 hour. The hail smashed windows, put holes in roofs, and knocked branches from trees.									
White Bear Lake, Ramsey county	7	4:00p			0	0	1	0		Hail
	Hailstones 1 1/2 inches in diameter fell for about 2 minutes in White Bear Lake doing little damage.									
Waterville, LeSueur county	7	6:10p	1/2	?	0	0	4	0		Tornado
	A tornado touched down in Waterville destroying a car and causing minor damage to buildings. Two farms a half mile north suffered moderate damage.									
SE Glendoe, McLeod county	8	11:45p			0	0	4	0		Windstorm
	Strong winds associated with a thunderstorm caused damage in an 8 mile wide area SE of Glendoe. Damage reported to buildings on 10 farms.									
Blue Earth, Waseca, and Steele counties	17	11:30p								Funnel cloud
	A funnel cloud sighted 5 miles south of Mankato. This or another funnel later seen over Waseca and then near Medford.									
Rock, Nobles, and Jackson counties	24	5:00p			0	0	3	0		Funnel cloud and windstorm
	A funnel cloud sighted moving from Manley toward Jackson. Strong winds accompanied the system (80 MPH recorded at a transmitter site near Worthington) causing damage to a farm building.									
Canby, Yellow Medicine county	24	5:15p	1	50	0	2	4	0		Tornado
	A tornado touched down in the Canby business district. Main damage caused by the destruction of a building containing lumber as boards and lumber were thrown in a wide area. Eight other business district buildings received moderate damage as well as a number of homes in a residential area.									
East Central Counties	24	9:00p-10:00p	10	?	0	0	5	0		Tornado and windstorm
	A frontal system produced a tornado which touched down a number of times in a path 2 miles south of Elk River to 3 1/2 miles southwest of St. Francis doing damage to buildings on 3 farms. Another tornado touched down briefly near Glendorado damaging property on 3 farms. Wind damage was also reported to 4 farms near Pease, 2 farms near Milaca, 1 farm south of Union Hill, 1 farm west of New Prague, and 1 farm near Plato.									
MISSISSIPPI										
Hinds County	16	after-noon			0	0	4	0		Wind
	Thunderstorm crossed Jackson from SW to NE, winds to 45-50 mph in gusts; some signs blown down, plate glass windows broken, trees and service lines blown down.									
Harrison County	19	9:06 a.								Funnel cloud aloft
	Funnel cloud aloft reported SW of Keesler AFB, Biloxi.									
Harrison County	21	a. m.			0	0	4	0		Wind, heavy rain
	During early a.m. western Biloxi beach front motel struck by unobserved wind squall (or waterspout), lobby roof caved in and furnishings in another section badly damaged by wind and water. Heavy rains washed out large drainage tile under Cowan road at junction U.S. Highway 90, road closed.									
Quitman County	27	2:30 a.	1/2	100	0	0	4	0		Tornado
	Small tornado started SW of Lambert and moved NE into town, caused extensive damage to roofs and trees; no hail reported.									
Mississippi Sound	27	9:02 a.-9:09 a.								Funnel cloud aloft
	Funnel cloud aloft to SE Biloxi, moved E and dissipated.									
Mississippi Sound	27	Noon								Waterspout
	Public reported waterspout 10 SE Gulfport.									
MISSOURI										
Warrenton, Warren County	9	3:25 PM								Funnel Aloft
	Funnel observed at 3000 feet above the ground, went back into parent cloud.									
Joplin, Jasper-Newton Counties	15	4:15 PM								Funnel Aloft
Monett, Barry - Lawrence Counties	15	5:30 PM								Thunderstorm
	Hail 1-3/4 inch diameter.									
Diamond, Newton County	15	4:50 PM								Thunderstorm
	Hail two inches in diameter.									

See reference notes at end of table.

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MAY 1965

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					KILLED	INJURED	PROPERTY	CROPS	
MISSOURI (Cont'd.) St. Joseph (25 NE) Buchanan County	28	2:00 PM							Funnel Aloft
		Reported by pilot.							
New Harmony, Bangert, Dent County	25	5:00 - 5:30 PM					4		Tornado
		First touched ground in the New Harmony area. Funnel clearly visible as it passed near Salem airport. Damage to buildings on several farms and some damage in and near Salem.							
Piedmont, Wayne County	26	3:00 PM							Funnel Aloft
Carrollton (3 SW) Carroll County	26	3:00 AM	1/10				3		Tornado
		Roofing torn loose from a barn and scattered for 1/2 mile. A piece of a 2x4 rafter 2 feet long was found driven into the ground 16 inches.							
Union, Franklin County	26	10:00 PM							Funnel Clouds
		Several funnel clouds sighted.							
Pleasant Hill, Cass County	26	2:10 - 2:15 AM	10	75			4		Tornado
		Damage to airplane hangar 1-1/2 miles south of Pleasant Hill. Farm buildings and homes damaged. One concrete tool shed "exploded", according to witness. Funnel cloud observed by two persons. Path of storm began south of Belton, to 2 south of Lone Jack to near Pleasant Hill.							
Lake Jacomo, Blue Springs, Jackson County	26	2:15 - 2:30 AM	500	500	4	5			Tornado
		Plate glass windows sucked out of a store building. A trailer home was demolished, injuring the four occupants. Much damage to boats and buildings at Lake Jacomo. Path of storm began at about 1 mile west of intersection of 10 E and 85, crossed BY Pass 71 just south of 75th Street, moved across north end of Lake Jacomo - to just west of intersection of 16 E and Highway 10.							
Ironton-Arcadia, Iron County	26	3:00 PM					4		Thunderstorm
		Many trees blown over. Large drive-in movie theatre heavily damaged near Ironton. Path of damage to trees extends 70 miles west and north of Ironton.							
West Plains, Howell County	26	12:20 - 12:25 PM	2	300			4		Thunderstorm
		Many trees, homes, and cars damaged by wind. Debris seen 200 feet in the air.							
Potosi, Washington County	26	2:00 - 2:15 PM					4		Funnel Aloft
		Damage to trees, power and telephone lines. Funnel aloft observed by two witnesses.							
Sedalia, Pettis County	26	3:30 - 3:45 AM					4		Thunderstorm
		Wind damage near Fairgrounds, at airport and to a large furniture store just north of the Fairgrounds.							
Missouri	26						5		Thunderstorms
		There were numerous thunderstorms, accompanied by heavy rain, hail and damaging winds. Two main periods of storms were noted, one very early in the morning, prior to sunrise (and mostly in the northern half) and another about mid-afternoon (mostly in the eastern counties).							
MONTANA									
Wise River (3 miles west) Beaverhead County	29	6:30 PM	7	300	0	0	2	0	Tornado
		The storm moved down Alder Creek and dissipated when it reached the Big Hole River Valley. It uprooted trees, blew down fences, drove debris through trailer windows and scattered debris over an area of a mile or more in length.							
NEBRASKA									
Northwestern Nebraska	1	Afternoon	200	40*	0	0	0	4	Lightning
		Widespread grass fires from northern Sioux to northern Rock counties.							
Near Batte	1	6:00 p			0	0	0	0	Funnel cloud
Vicinity of North Platte	4	3:15 p - 4:00 p	10	Narrow	0	0	3	3	Hail
		Stones from 3/4 inch to 1 3/4 inch diameter.							
Thomas County	4	?	10	3*	0	0	6	4	Lightning
		Lightning struck rangeland and resulting fire spread rapidly into Balsey forest. 5000 acres range and 15,000 acres timber burned.							
NEBRASKA (Cont'd.)									
South Central Nebraska	7	3:00 p - 8:00 p	70	Narrow	0	0	4	4	Hail and damaging winds
		Hail up to 1 3/4 inches diameter in several areas from Kearney to Grand Island and St. Libory. Large hail at Grand Island at 3:40 p. and again 7:40 p. Damaging winds northeastern Gosper County at 5:45 p.							
Eastern half of Nebraska	8	Afternoon & Evening			4	50*	?	?	Severe Weather
		Severe weather occurred throughout northern Nebraska east of the Logan County - Cherry County line and from the Sherman - Wheeler County line southeastward to the Thayer - Lancaster line. The sites of hailstorms in this area are too numerous to specify locations. Some hailstones measured up to 3 inches in diameter. Funnel clouds were also reported in large numbers and there were at least 16 separate identifiable tornadoes that are listed below. It is impossible to separate the storms as to the number of injuries and dollar damage inflicted. A conservative estimate of total property damage would exceed 6 million dollars. Crop damage, although extensive was limited by the early date of occurrence. Over a hundred dwellings received major damage or were destroyed, and even a greater number sustained lesser damage. Farm buildings damage or destroyed probably exceeded a thousand.							
Logan, Thomas and Cherry Counties	8	About 3:00 p. - 5:00p.	90	Narrow					Tornado
		First sighted near Stapleton, moved northward over open range land, doing major damage near Theford and at isolated spots in eastern Cherry County. It is unknown whether it remained in contact with the ground or if it lifted a number of times.							
Near Boelus	8	3:00 p	10	Narrow					Tornado
		Formed near Boelus, damaging northwest portion of town, moved north-northeastward about eight miles before dissipating. Tornado did not fully develop and was unable to maintain itself.							
Howard to Antelope Counties	8	3:15 p. to 5:55 p.	80	Narrow					Tornado
		Formed about 5 miles southwest of Farwell, moved north-northeastward to near Orchard. Missed all towns but passed close to Farwell, Cotafield, Gopelaw, Bartlett, Clearwater, Bwing, and Orchard. A very vigorous storm giving complete destruction to farm sites in its path. Evidence indicates it was in contact with the ground nearly the entire route.							
Rock and Keya Paha Counties	8	3:30 p. - 5:30 p.	45	Narrow					Tornado
		Formed in central Rock County moved northward across Keya Paha County into South Dakota.							
Hall to Knox Counties	8	3:30 p. - 7:00 p.	120	Narrow					Tornado
		Formed in center of Hall County and moved north-northeastward to the southeastern corner of Knox County. Traveled down the main street of Primrose killing four people, injuring several others and destroying virtually all of the buildings in town. A vigorous storm that destroyed many farm sites in its path and causing personal injuries enroute. Its path was close to Cairo, Danneberg, St. Libory, St. Paul, Dushing, Wolbach, (hit Primrose), Petersburg, Elgin, Oak-Hale, Tildan, Plainview, Osmond, and Wausa. Evidence indicates that it was in contact with the ground most of the 120 miles, but lifted briefly on several occasions.							
Thayer to Seward County	8	3:45 p. - 5:00 p.	40	Narrow					Tornado
		Tornado lifted and lowered several times. Moved from east of Hebron to southwest corner of Seward County, missing all towns but completely destroying several farm sites enroute.							
Brown and Keya Paha Counties	8	About 4:00 p. - 5:00 p.	?	Narrow					2 Tornadoes
		Two tornadoes moved northward through Brown County, one east of Kinworth and the other to the west in the Johnstown area. About 20 homes either suffered major damage or were destroyed. Loss of other buildings was great. These storms probably crossed into Keya Paha County before dissipating.							
Cass County	8	5:00 p	Short	Narrow					Tornado
		Touched down briefly near Bagle.							
Holt County	8	Probably about 5 p	45	Narrow					Tornado
		Formed near county line south of Amelia, moved northward east of Atkinson to a point about 14 miles NNE of Atkinson. A vigorous storm with complete destruction to ranch sites in its path. Much of the path was over open ranch land.							
Phillips - Marquette Vicinity	8	5:30 p. - 5:40 p.	10	Narrow					Tornado
		Sighted east of Phillips moving north-northeastward. Major damage to one farm site near Marquette.							
Hamilton County	8	5:30 p.	Short	Narrow					Tornado
		Observed to touch down briefly between Aurora and Hampton.							
5 miles west of Spencer	8	6:00 p.	Short	Narrow					Tornado
		Reported by Cooperative Observer.							
Columbus - Clarkson Area	8	About 6 p.	25	Narrow					Tornado
		Buildings at a number of farm sites destroyed. Several funnel clouds reported but only touched down briefly.							

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM											
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS												
NEBRASKA (Cont'd.) Wayne to Dakota Counties	8	6:30 p. to ?	40	Narrow					Tornado	NEBRASKA (Cont'd.) South central to East central Nebraska	25	Afternoon & Evening	200	50*	0	0	4	5	Hail and Heavy Rain											
1/2 mile east Newcastle	8	7:45p.	Short	Narrow					Tornado											Numerous strips of hail generally 1 to 3 miles wide and 10-15 miles long. Stones were mostly 3/4 inch to an inch in diameter but some large ones were reported. Considerable roof and car damage from 3 to 4 inch diameter stones in Stronburg area. Heavy downpours caused field washing and replanting of corn and milo.										
Scottsbluff County	13	7:00 - 7:30 p.	15	5*	0	0	4	4	Hail, heavy rain	NEVADA										None reported										
25 SSW Ainsworth	14	4:00 p.	-	-	0	0	0	0	Funnel Cloud	NEW HAMPSHIRE	2	1 P.M.			0	0	0	0	Dust devil	Near Windham									Auto on Interstate 93 was lifted and spun about by dust devil.	
Eastern Nebraska	14	12:00 Noon - 10:55 p	-	-	0	0	0	0	Funnel Cloud	Winchester	15				0	0	1	0	Dust devil									Roof lifted from small shed by dust devil.		
Near Phillips	14	Evening	Short	Narrow	0	0	0	0	Tornado	Southern portion	17				0	0	4	0	Lightning									Lightning caused destruction by fire of home in North Swansey and inflicted minor damage to structures in other southern New Hampshire communities.		
10 NW Shelby	15	11:00 a.	Short	Narrow	0	0	0	0	Tornadoes	NEW JERSEY	27	Afternoon					4	3	Wind	Statewide								Squall line passed eastward across the State with strong gusty winds and some hail. Trees blown down and utility poles damaged in scattered areas of the State. Some damage to small grains and vegetable crops from both wind and hail.		
Sidney	17	3:55 p.	?	?	0	0	0	0	Hail	NEW MEXICO	12	6 pm	3	*30	0	0	4	0	Hail	Cloudcroft area, Otero County									Hail to 2 1/4 inch diameter in 3 mile swath, moving towards northeast. Broke 12,000 panes of glass in floral complex in mountains.	
Near Sidney	23	7:08 p.	Short	Narrow	0	0	0	0	Tornado	Santa Fe County	12	night			0	0	4	0	Flash floods									Flash floods late night of 12th caused extensive damage to roads, culverts, and bridges primarily.		
Central to Northeastern Nebraska	24	11:00 a. to 2:00 p.	150	Narrow	0	0	4	0	Tornado	State	13	afternoon			0	0	4	5	Hail									Spotted hail over state with most damage in eastern half where it ranged around golf ball size. Main crop damage in cotton, much of which was completely destroyed and has to be replanted. Also wheat vegetable, airplane, window, and roof damage occurred.		
Near Morrill	24	Noon	Short	Narrow	0	0	0	0	Tornado	Bernalillo, Sandoval County	19	late afternoon			1	0	0	0	Lightning											
15 SW Sidney	24	1:40 p.	Short	Narrow	0	0	0	0	Tornado	Artesia area, Eddy County	22	4:35 pm			0	0	2	4	Hail, wind										Hail and 60-75 mph wind in north Eddy county wiped out hundreds of acres of young cotton, damaged homes, downed a large motel sign and ripped roof from storage shed.	
Vicinity of Chadron	24	2:02 p.	Short	Narrow	0	0	0	0	Tornado	Eastern two-thirds of State	23	afternoon			0	2	5	4	Hail, wind										Spotted hail and/or wind damage over all but western third of state hail ranging up to baseball size in one SE community, causing \$50,000 in roof damage and property damage. Wind blew a truck, its occupants and a trailer off the road in Albuquerque, Bernalillo county, and hail caused over \$5,000 damage to fruit crops.	
Stapleton to Theadford	24	4:30 p.	40	Narrow	0	0	4	0	Tornado	Los Cruces, Dona Ana County	25	?			0	2	2	0	Wind										Two men were injured when strong wind toppled a sixty-foot section of 8-foot cinder block wall.	
Various localities	24	Afternoon & Evening			0	0	0	0	Funnel Clouds	Eddy and Otero Counties	30	afternoon			1	3	3	0	Flash flood, wind										Flash floods near Carlsbad, Eddy county, swept a car and its occupants off the road. In Alamo, Otero county, a dust storm caused a seven-car pile-up. Other property damage, such as a roof blown off a house also occurred.	
Lincoln Airport	24	4:00 p.	Short	Narrow	0	0	0	0	Hail	Moriarty, Torrance County	30	10 am			0	0	0	0	Tornado										A small tornado skipped around in the area followed by heavy (as much as 3/8 inches some areas) rains.	
York County	25	12:55 p. - 1:00 p.			0	0	0	0	Tornado	Alameda, Bernalillo County	31	6:45 pm	short narrow		0	0	1	0	Tornado											A small tornado was spotted to the west of Alameda which destroyed a construction structure.
Alma - Kearney area	25	1:30 p. - 3:15 p.	45	Narrow	0	0	4	0	Tornado																					
Webster and Adams Counties	25	5:00 p. - 5:00 p.	40	Narrow	0	0	4	0	Tornado																					
Southeastern Nebraska	25	5:25 p. - 8:15 p.			0	0	0	0	4 Tornadoes																					

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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		
NEW YORK North Harmony, Chautauqua County	16	9:15 p.m.	3	700	0	3	5		Tornado	
		Two funnel clouds and possibly a third moved in an easterly direction through a rural section about 15 miles west of Jamestown, in extreme southwestern New York. Twister struck trailer home, mother and infant blown 150 feet away and father about 250 feet away, all three being rendered unconscious, otherwise only minor injuries. Parts of trailer strewn along a path for a distance of 1.5 miles. Farm across street lost large barn, tool shed, chicken coop, sugar house and part of house roof. Twister struck four additional farms demolishing two dairy barns, two silos and unroofing another barn. Witness heard high-pitched sound as he saw his large 4-car cinder block garage "explode". Many trees uprooted along entire path. Flying debris and collapse of buildings and trees damaged several automobiles, tractors and portions of homes.								
Southern half	16-17	p.m. to early a.m.					5		Electrical, wind	
		Widespread thunderstorms were accompanied by several destructive fires caused by lightning. Two homes extensively damaged by fire in Ulster County. Dairy barns destroyed at Genesee, Livingston County and at Waterloo, Seneca County, the latter loss including 3 cows, farm machinery and considerable quantity of hay and grain. Winds with gusts to more than 50 mph downed trees, limbs and power lines in scattered cities including Buffalo, Roma and Elmira. Marble-size hail reported at Buffalo and in vicinity of Warsaw, Wyoming County but damage to property and crops minor.								
Dutchess County	27	4 p.m.					4		Wind, hail	
		Severe local thunderstorm struck southern Dutchess County with wind gusts recorded at 70 mph, and some hail. Damage concentrated at and within a few miles of the Municipal Airport, southeast of Poughkeepsie. Five light airplanes were variously blown about and damaged at Airport. Downed trees blocked main highway through Wappingers Falls. Power to about 25,000 residents was knocked out in the Beacon area.								
NORTH CAROLINA										
Macon County	1	3:00 p					0	4	Electrical	
		Lightning-set fire burned 40 acres of timber.								
Robeson County	3	Afternoon	Short	5			0	0	Dust devil	
		Tall dust-laden spinning column photographed near Pembroke.								
Fender, Sampson Counties	4	3-4 p					0	4	Hail	
		Hail damaged tobacco crop.								
Davie, Gaston, Henderson, Lincoln Counties	6	Late afternoon					4	5	Electrical, rain, hail	
		Several fires set by lightning; one home destroyed. Rain caused flash-flooding in Lincolnton. Hail damaged roofs; also crops, mainly fruits and vegetables.								
Alamance, Catawba, Lincoln, Madison, Mecklenburg, Richmond, Transylvania, Yadkin Counties	7	Afternoon and evening			1	2	4	4	Electrical, hail	
		Lightning set at least ten fires, burned two homes and a barn; killed a ten year old girl and injured two schoolmates, all standing under a tree at Penrose, Transylvania County. Hail damaged crops, mainly fruits and vegetables.								
Scotland County	8	4:00 a					4	0	Electrical	
		Home near Wagram burned by lightning.								
Catawba, Iredell, Rockingham Counties	10	Afternoon					4	0	Electrical, wind	
		Three homes damaged, one home and a barn burned down by lightning. Wind damaged roofs and outbuildings in several scattered areas.								
Burke, Caldwell, Caswell, Columbus, Craven, Cumberland, Durham, Greene, Harnett, Hertford, Lee, Montgomery, Sampson, Wake, Wayne Counties	11	Afternoon			1	0	4	5	Electrical, wind, hail	
		Thunderstorm winds caused widespread minor damage; lightning-set fire destroyed a home. Hail damaged crops in several areas. Man drowned when squally winds overturned boat.								
Brunswick, Cabarrus, Columbus, Davie, Guilford, Montgomery, New Hanover, Rockingham, Sampson, Wake, Yadkin Counties	12	Afternoon and evening					5	4	Electrical, wind, hail, rain	
		Lightning killed 17 cattle near Newton Grove; damaged several homes. Wind ripped roof off large textile plant, and rain damaged exposed facilities. Other scattered wind damage to roofs, signs and trees. Hail hit crops in several areas.								
New Hanover County	13	6:30 p					4	0	Electrical, wind	
		Lightning struck and damaged home at Masonboro Inlet; wind blew roof off clubhouse near Wilmington.								
Henderson, Richmond Counties	14	Evening					0	4	Hail	
		Scattered damage to crops, especially fruit and tobacco.								
NORTH CAROLINA (Cont'd.)										
Iredell, Rowan, Wilkes Counties	18	8-10 p					4	3	Electrical, hail	
		Lightning caused several minor fires. Hail damaged greenhouse, gardens, and a few fields.								
Lenoir, Washington, Yadkin Counties	19	4-5 p					3	4	Hail	
		Hail damaged tobacco crop and a few roofs.								
Graham, Swain Counties	21	3-4 p					0	4	Hail	
		Tobacco and fruit damaged in several small areas.								
Forsyth, Guilford, New Hanover, Stanly, Wake Counties	24	Afternoon & evening					5	0	Electrical, wind, rain	
		Lightning struck and damaged radio station. Rain flooded basements, caused erosion. Wind destroyed outbuilding, burned barn with horse.								
Gates, Granville, Jones, Pasquotank, Pitt, Vance Counties	26	Afternoon & evening					4	4	Electrical, wind, rain, hail	
		Lightning set two fires, damaged power facilities. Rain caused flooding of streets and basements. Wind upset two barns. Hail did scattered damage to tobacco crop.								
Alamance, Craven, Davidson, Edgecombe, Forsyth, Franklin, Granville, Halifax, Johnston, Lenoir, Pitt, Sampson, Wake, Warren, Wayne, Wilson Counties	27	Afternoon & evening					4	5	Electrical, Hail, wind	
		Lightning set several fires; destroyed one home. Hail damaged tobacco and fruit in several areas. Wind destroyed two outbuildings and two house trailers.								
Brunswick, Columbus Counties	30	7:00 a					0	6	Hail, wind	
		Tobacco and corn heavily damaged over a large area.								
NORTH DAKOTA										
Bismarck, Burleigh County	4	8:03 p					?		Hail	
		Hailstones ranged from 1/2 to 1 inch in diameter.								
Alsen, Cavalier County	4	evening					?		Hail	
		The hailstones up to golfball size, covered the ground 5 inches deep; 250 migrating geese and many birds were killed or injured.								
Lark, Grant County	5	3:20 p							Funnel Cloud	
Cass County	5	5:15 p	33	25-150	0	0	5	2	Tornado	
		Began 5 miles north of Leonard, moved north 5 miles, northwest 8 miles, then northeast 20 miles, southwest of Argusville.								
Leal, Barnes County	5	evening					0	0	3	Tornado
		Touched down 2 1/2 miles south of Leal.								
Sasquoyne, Bowman County	17	12:55 a							Funnel clouds (2)	
Near Hott, Hettinger County	17	1:45 a							Funnel clouds	
Near Minot, Ward County	20	4:30 p							Funnel clouds	
Rolla, Rolette County	20	6:30 p	5	400	0	0	5		Tornado, hail, thunderstorm	
		Storm moved south-eastward, 92 inches rain in 20 minutes.								
Ludden, Dickey County	20	5:15 p	?	?	0	0	4		Tornado	
		5 miles east of Ludden. Moved eastward.								
Near Hankinson, Richland County	20	7:50 p							Funnel clouds	
Harvey, Wells County	20	evening	?	?	0	0	3		Tornado	
		9 miles southwest of Harvey, moved northeastward.								
Goodrich, Sheridan County	20	evening	?	?	0	0	?		Tornado	
		Moved northeastward.								
New England, Slope County	23	4:50 p	?	?	0	0	4		Tornado	
		15 miles south-southwest of New England								
Hanford, Morton County	24	1:20 p							Funnel Cloud	
OHIO										
Ithaca (Darke Co)	16	6:30 PM	1	100	0	1	4	0	Tornado	
		A small tornado developed in connection with thunderstorms about 1 1/2 miles southwest of Ithaca during the early evening. Several barns were severely damaged on 3 farms, and a farmer's wife was injured when standing in a barn door. Numerous cattle, horses, and pigs escaped injury. During the same storm situation many trees and utility lines were blown down throughout Miami Valley.								
Mentor	16	3:00 PM			0	1	4	0	Lightning and Hail	
		Four small boys playing in the yard took shelter under a tree as the thunderstorm struck. One was severely burned when lightning struck the tree, but the others escaped with minor injuries. Lightning set fire to a house which sustained moderate damage. During the same storm hail, estimated in excess of two inches in diameter, dented cars, damaged roofs, awnings etc. and broke windows. Large hail was also reported from much of the Cleveland metropolitan area, and adjoining counties.								

See reference notes at end of table.

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MAY 1965

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					KILLED	INJURED	PROPERTY	CROPS	
OHIO (Cont'd.) Thornport (Perry Co)	16	10:30 PM	3	50	0	0	4	0	Tornado
		A small twister dipped down near the eastern end of Buckeye Lake ripping the roof off a grain elevator at Thornport, destroying a barn and several out-buildings, and overturning a house trailer.							
Utica	16	Afternoon	Short	Narrow	0	0	3	0	Tornado
		A weak tornado hit during late afternoon in a rural section just east of Utica. Greatest damage was done to a large barn although smaller outbuildings were struck. One small building was lifted, turned around and set down again on its foundation. Debris was scattered in all directions.							
Findlay	22								
		A funnel cloud was observed 10 mi SE of Findlay Funnel Cloud							
		There were numerous reports of violent thunderstorms the same afternoon and evening from other parts of the state. Large hail occurred in connection with several of these storms. Among all reported storms those listed above were the most destructive.							
Lima	26	Afternoon	Short	Narrow	0	0	4	0	Tornado
		A funnel cloud dipped to the ground at the southwest edge of Lima demolishing a large frame and cement block building and damaging its contents. The funnel was seen to "chop out" the tops of some 50 trees in the vicinity.							
Zenia	26	3 PM			0	0	4	0	Lightning
		A large barn containing several pieces of motorized farm equipment was struck by lightning and burned to the ground. An adjacent hog shed was also burned but the house was spared.							
OKLAHOMA Texhoma, Texas County	4	3:00 p.- 4:00 p.			0	1	4	3	Hail
		Hail up to 1 1/2-inch size was reported. Damage occurred to roofs and crops.							
Guyton, Texas County	4	6:30 p.- 7:30 p.					1	1	2 funnels aloft, heavy rain
		A highway patrol unit sighted a small funnel coming from the southwest at about 7:20 p. The officer on patrol east on Highway 3 said the funnel crossed near the patrol headquarters apparently breaking up as it reached the patrol radio transmitting station. Up to 3/4-inch hail was observed. Another funnel was sighted in the northeast portion of Guyton during the heavy winds that prevailed in early evening. Heavy damage to wheat crops caused by flash floods following heavy rain.							
Sentinel, Washita County	5	Evening	?	?	0	0	?	?	Hail
		Hail golf ball size hit Sentinel during a 20-minute period. Some hailstones were up to 1 1/4-inch size.							
Raydon, Roger Mills County	6	3:00 p.- 4:00 p.	8	*3	0	0	3	3	Hail
		Hail fell from about 2 1/2 miles south to the northwest of Raydon and moved from southwest to northeast. Hail was up to 1 1/2 inches in diameter with average size of 1/2 inch covering 70 percent of the ground. Wind was about 25 MPH. Greatest damage was to house roofs and wheat crops with some cars dented.							
Harrison, Greer, and Washita Counties	6	5:30 p.- 8:30 p.	50	*5	0	2	5	5	Tornado, hail, and wind
		The tornado was first observed about 8 miles west of Hollis in Harrison County about 6:30 p. and was last observed about 6 miles west of Granite, Greer County. The golf ball size hail at Sentinel in Washita County appears to be from this same thunderstorm. A path of destruction about 3 miles wide and 20 miles long extended from a farm 5 miles northwest of Hollis to Reed in Greer County. Heaviest damage was in the Bon and McCall communities north of Hollis and to the City of Hollis water plant located 12 miles north. At least 6 homes, 10 barns, a gin, a store, a church and a school building were damaged or destroyed in the area. It is believed that this same tornado hit again in the area 6 miles west of Granite to damage farm homes and barns. It also knocked out the power at Granite but skipped over the town to hit again in open country 5 miles northeast of Granite. Corral in Washita County received hail up to 1-inch size. Several head of livestock were killed near Sentinel, Washita County.							
Roger Mills, Custer, Dewey, Elaine, and Kingfisher Counties	6	6:00 p.- 11:00 p.			0	3	5	6	3 tornadoes, hail, and rain
		A tornado hit 2 miles west and 6 miles north of Loyal, Kingfisher County. A barn, shop, granary, and a cattle shed were wrecked. Four houses, a 2-way radio antenna, other antennas, 2 combines, a tractor, and trees were damaged. A teenage boy was blown by the wind but he made it to a wrecked porch which provided shelter from flying debris. Two people were injured when a porch fell on them. At Canton, Elaine County, there was large hail and heavy rain in the area. A small tornado hit east of Carlton, Elaine County, uprooting trees, tearing out fences, and leveling farm buildings. Two trailer houses were tumbled and other property damage resulted when the tornado struck. One injury was reported at Oakwood, Dewey County. Hail heavily damaged crops in the area affected in all counties. Up to 7 inches of rainfall occurred between 6:00 p. and 9:00 p. in Teloga, Dewey County. A number of bridges washed out in Dewey County.							
OKLAHOMA (Cont'd.) Sentinel, Washita County	6	9:20 p.- 10:00 p.			0	0	?	?	Funnel aloft, hail, and wind
		A funnel aloft was reported over Sentinel High School. There was heavy hail and wind damage over the City and rural areas. Hail measured up to golf ball size.							
Enid, Garfield County	6	10:42 p.			0	0	3	0	Electrical
		Lightning struck 2 homes and caused extensive damage to one of them.							
Dewey, near, Washington County	6	Night	Short	Narrow	0	0	4	0	Tornado
		A tornado destroyed a barn northwest of Dewey. Another barn about a quarter mile away was also torn apart.							
Raydon, Roger Mills County	7	7:00 p.- 10:00 p.	15	*3	0	0	0	3	Hail and wind
		Hail covered the southwest portion of the county on both sides of State line of 100th meridian in an area 60 to 50 square miles with the ground covered 90 percent and the size of the hail was 1/2 inch up to 1 inch in diameter. It moved from south to north. Winds about 50 MPH from south to southeast. Gardens and fruit trees were damaged as were small grains.							
Willow, near, Greer County	8	11:20 a.- 11:40 a.							2 funnels aloft
		A funnel aloft began 3 to 4 miles east of Willow and traveled north northeast for about 8 to 12 miles. It dipped to about 1,000 feet above ground. A man observed a funnel aloft for some time and at one time it was directly over his farm 6 miles northeast of Willow.							
Handlett, near, Cotton County	8	2:00 p.- 3:00 p.	8	*2	0	0	3	3	Tornado, 4 funnels aloft, and hail
		A tornado was reported 1 mile east and 2 1/2 miles south moving from southwest to northeast. There were 4 funnels that remained aloft. The hail fell at 2:15 p. covering an area 2 to 3 miles wide and 7 to 8 miles long with 1/4-inch to 5/8-inch diameter hail, with the greatest depth of 2 inches. Hard rain of 2.3 inches in a 45-minute period. Several thousand acres of wheat were hurt.							
Barnedall, near, Osage County	8	4:00 p.	Short	Narrow	0	0	4	0	Tornado
		Two metal barns were destroyed and a granary was demolished. Electrical service was disrupted when debris from a barn struck a transformer and knocked it out.							
Tulsa, near, Tulsa County	8	6:00 p.			0	0	4	0	Wind
		Damage was done to utility and telephone lines in the area between Garnett and Kingo Roads on 41st Street.							
Lehigh, Coal County	8	About 7:00 p.							Funnel aloft
		A funnel aloft was reported at the northwest edge of Lehigh moving from southwest to northeast.							
Marietta, near, Love County	8	9:10 p.	?	?	0	0	0	3	Tornado, rain
		A tornado was reported southwest of Marietta. Some crop damage occurred from heavy rain and possibly some hail.							
Canton, near, Elaine County	8	Night			0	0	1	0	Rain
		State Highway 58 south of Canton closed due to approaches to a bridge being washed out and untrained.							
Bache, near, McIntosh County	8	Night	?	?	0	0	3	0	Tornado
		A tornado touched down and damaged a barn. Its walls were damaged and contents of the barn were scattered about. The sound was described as "sounding like a bomb".							
Fort Sill, Comanche County	9	1:11 p.- 2:20 p.							Funnel aloft
		Highway Patrol Trooper reported a funnel aloft over the western portion of Fort Sill reservation. The funnel moved northeast.							
Duke, near, Jackson County	9	1:30 p.	Short	Narrow	0	0	2	0	Tornado
		A tornado touched down in open fields southeast of Duke and moved toward the northwest. Only minor damage was reported.							
Tulsa, Tulsa County	9	1:30 p.- 2:30 p.			0	0	3	0	Electrical and rain
		Lightning struck several homes but damage to property was minor and confined mostly to small appliances. Heavy runoff from rain flooded many streets and caused a fire station roof to collapse. Rain was measured unofficially more than 4 inches. Utilities were also out of service in some areas of the City.							
Claremore, near, Rogers County	9	1:45 p.- 1:55 p.							Funnel aloft
		A highway patrol trooper reported a funnel aloft over an airport located east of Claremore.							
Meridian, Logan County	9	Afternoon			1	0	0	0	Electrical
		Lightning struck and killed a man at a lake near Meridian as he was loading fishing gear in a truck.							

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM			
					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS				
OKLAHOMA (Cont'd.)										OKLAHOMA (Cont'd.)												
Mannford, near, Creek County	9	Afternoon			0	0	4	0	Wind	Raydon, near, Roger Mills County	24	3:50 p.	?	?	0	0	?	?	Tornado and hail			
									Boats and docks were damaged at Keyport Marina on Keystone Lake. Two boats were sunk and 10 boats were smashed.										A tornado touched down north of Raydon about 3:50 p. The storm produced large hail.			
Shawnee, near, Pottawatomie County	9	3:15 p.-3:17 p.	**100	100	0	3	4	0	Tornado	Leedey, near, Dewey County	24	5:50 p.							Funnel aloft			
									A tornado dipped down 6 miles southwest of Shawnee and hit a home and hurt 3 persons who were treated at a hospital and released. There was a rear as the roof of the house was picked up and dropped on a truck trapping 2 men inside the truck for a short time. Power lines were knocked down and outbuildings damaged. There was heavy rain at the time the house was damaged.										A funnel was seen to dip out of the clouds 2 or 3 times west of Leedey.			
Muskogee, Muskogee County	9	4:00 p.			0	0	4	0	Electrical and rain	Buffalo, near, Harper County	24	Evening	?	?	0	0	0	0	2 tornadoes			
									Lightning struck the Muskogee Stockyards Building causing the roof to fall in on the bleachers of the arena. Elsewhere in Muskogee runoff from heavy rain flooded streets.										Two tornadoes on the ground for a minute or two northeast of Buffalo were reported.			
Ellis County	13	Evening			0	1	?	?	Tornado and electrical	Ellis County and Harper County	25	3:35 p.-4:00 p.	?	?	0	0	0	0	2 tornadoes			
									An airplane was damaged by lightning at the Gage Airport and the pilot who was leaning against the airplane was severely injured. A tornado struck west-northwest of Fargo, tore the roofs off a barn and shed, blew down trees, and damaged fences.										At 3:35 p. the personnel at the Gage F.M.A. Station saw a tornado form and drop to the ground about 1 1/2 miles north of Shattuck. It was on the ground about 5 to 7 minutes and damaged 2 fences before it return to the clouds. About 4:00 p. the highway patrol confirmed a tornado on the ground about 2 1/2 miles south of May. It then rose and moved directly over May and then moved northeast.			
Longdale, near, Elaine County	13	8:00 p.	?	?	0	0	?	?	Tornado	Leedey, near, Ellis County	25	5:53 p.							Funnel aloft			
									A hay shed was ripped apart and a windmill was blown over.										A funnel aloft was reported south-southwest of Leedey by the Highway Patrol.			
Fairview, Major County	13	8:30 p.	Short	30	0	0	3	0	Tornado	Ft. Supply, near, Woodward County	25	p.m.	?	?	0	0	?	?	Tornado			
									A tornado was reported to have struck a tool shed on the northeast edge of Fairview.										A tornado was sighted near Ft. Supply.			
Okeese, near, Elaine County	13	Night			0	0	?	?	Wind	Selling, Dewey County	25	6:45 p.			0	0	?	?	3 funnels aloft, wind, and rain			
									Winds moved a small building, blew down some trees, and did other minor damage north of Okeese on Deep Creek.										A funnel moved in from between Camargo and Selling and dissipated before reaching the immediate Selling area. Two other funnels were seen forming to the south and west of Selling. Wind demolished a airplane hangar southwest of Selling and the plane received some damage from falling roof beams. Three granaries were lost 7 miles southwest of Selling. Damage was done to several farm buildings southwest of Selling. Rainfall from 6:45 p. to 7:30 amounted to 2.3 inches causing creeks and city drainage ditches to run full with minor flooding in the north part of town with some streets impassable.			
Jackson and Tillman Counties	13	Night			0	0	?	?	Wind and electrical	Roger Mills County	25	7:33 p.							Funnel aloft			
									A heavy thunderstorm deposited up to an inch of rain in many Jackson County areas. High winds were blamed for the loss of a barn on a farm to the southwest of Altus. Lightning also struck a house 5 miles south and 3 miles west of Altus. A squall line moved across Frederick causing damage to electric service lines.											A funnel cloud was reported 22 miles south of Gage.		
Wakita, Grant County	13	Night			0	0	?	?	Tornado	Cleo Springs, near, Major County	25	7:50 p.	?	?	0	0	?	?	Tornado			
									A tornado dipped from a thunderstorm northeast of Wakita and destroyed a barn, unroofed a granary, and damaged outbuildings.										A tornado struck in the Cleo Springs area causing damage to 4 farms. Doors of a barn were blown off and blown onto power lines causing power difficulty, trees were uprooted and twisted, several outhouses and one home were damaged. A roof was lifted off of a barn, a two-way radio antenna was bent and a combine was damaged.			
Oklahoma City, Oklahoma County	13	Night			0	0	3	0	Wind	Cheyenne, near, Roger Mills County	25	Night			0	0	?	?	Wind			
									Two store signs and plate glass windows in a shopping center were destroyed by wind.										A high wind destroyed a barn 5 miles west of Cheyenne.			
Craig and Ottawa Counties	15	Afternoon	Short	Narrow	0	0	5	0	2 tornadoes, hail, and wind	Carnegie, Caddo County	26	Early Morning							Wind, electrical			
									A tornado dipped down at the north edge of Bluejacket, Craig County, causing light to moderate damage to roofs, trees, and power lines. A home near Bluejacket School was badly damaged when a tree fell on it. A second tornado struck the south edge of Miami in Ottawa County damaging at least 6 homes, many outbuildings and demolishing a trailer house. The storm moved east of town again touching down along State Highway 10 approximately 4 miles east of Miami where a farm house and barn were demolished.													High winds broke off the largest limb of "The World's Largest" sycamore tree, blew a house trailer off its foundation, and a frame garage was destroyed. Damage occurred to a few homes and business buildings, and to power and phone lines, mostly from falling tree limbs. Lightning caused the short-circuit of street lights.
Swink, near, Choctaw County	18	Afternoon			0	0	?	?	Wind and rain	Purcell, McClain County	26	Early Morning			0	0	?	?	Electrical and wind			
									A windstorm blew the roof off a barn east of Swink. The rain soaked about 500 bales of hay stored in the barn.										Lightning struck a residence and destroyed the TV set and antenna and split the wall of the living room from the electrical plug to the ceiling. High winds blew out several upstairs windows in a hotel.			
Hartha, Jackson County	18	Afternoon			0	0	?	?	Rain	Mewoka, Seminole County	26	Early Morning	Short	Narrow	0	0	4	0	Tornado			
									Hartha had 2.70 inches of rain in an hour leaving water deep on baseball diamond at edge of town and fields looking like lakes.										A tornado damaged 3 buildings at a brick and tile plant near Mewoka including unroofing a drier room and cooling building and knocked down the wall of the mill room. Nightwatchman reported storm lasted a few seconds.			
Nowata, near, Nowata County	18	7:00 p.			0	0	?	0	Lightning	Maurika, Jefferson County	26	Early Morning			0	0	?	?	Wind			
									A hay barn was set afire by lightning during a thunderstorm and was completely destroyed about 7 miles west and 2 miles north of Nowata.										Winds damaged a compress and cafe.			
Garber, near, Garfield County	18	9:45 p.	?	?	0	0	0	0	Tornado	Henryetta, Cimulgee County	26	Early Morning			0	0	?	0	Lightning			
									Garber police sighted a tornado on the ground northeast of Garber. No damage was reported. The storm moved in the direction of Billings.										Lightning struck a TV antenna at a home in Henryetta with phone service disrupted, some plaster knocked off the wall, and with the lead-in wire and TV antenna burned.			
Ponca City, Kay County	18	Night			0	0	?	?	Hail, wind, and heavy rain													
									Rains up to 4 inches caused flash flooding in low areas. Ponca City had strong winds, officially 40 knots by the FAA and estimated at 70 miles per hour in some parts of the City. Pea-sized hail was reported. Streets were flooded and a window of a furniture store was blown out, the roof of a store collapsed due to weight of accumulated water, and lightning struck a tree which damaged 2 cars as it fell.													

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (Cont'd.) Mountain View, Kiowa County	26	Early Morning			0	0	0	0	Wind
									Winds hit the area early in the morning overturning small buildings blowing limbs from trees, and other minor damage. Damage to wheat believed to be slight.
Hobart, near, Kiowa County	26	1:15 a.	Short	Narrow	0	0	3	0	Winds
									Damaging winds blowing from the west destroyed 3 barns about 7 miles south of Hobart. East of Hobart farmers had property damage. Winds picked up quonset barn and carried it for a few yards plus doing considerable roof damage to buildings. In Hobart some roof damage occurred and a clinic was damaged when winds uprooted a tree and it fell on a building.
Fort Cobb Lake, Caddo County	26	2:05 a.-2:30 a.	1 1/4	300	0	0	4	0	Winds
									A covered fishing dock and a gasoline pump stand blown from moorings, several boats were damaged and the walkway from the lake bank was blown from position at the Fort Cobb Marina.
Minco, Grady County	26	2:35 a.	Short	Narrow	0	0	7	0	Tornado
									A tornado occurred on the west edge of Minco, taking a roof off of a barn, damaging a concession stand, and ripping down a power line.
Oklahoma City, Oklahoma County	26	3:00 a.-3:30 a.	1-2	100	0	0	5	0	Tornado and high winds
									A tornado moving at about tree top level moved on a northeast path from Rotary Park across the Downtown Airpark and Wheeler Park to approximately Broadway and Southwest 7th Street. Trees were uprooted, large limbs were twisted off of trees, one large building was unroofed, 3 airplanes were badly damaged, telephone poles and power transmission lines were blown down, and scaffoldings were damaged at the new Post Office Building. Heaviest damage was sustained by the R&R Laundry Supply Company. The roof was torn off and dashed to the ground crushing 10 to 12 cars and 1 small storage building. The flying debris also damaged a trailer owned by a trucking company. A church in the northeast part of town was completely destroyed by high winds.
Stillwater, Payne County	26	4:00 a.			0	0	7	7	Wind
									Winds damaged 3 hay barns and shelters with tin roof torn off and blown to the north. Concrete-block wall on 2 other buildings overturned, spilling bales of hay. One dairy cow was injured slightly with a nail in her side when pulled from a collapsed building.
Pauls Valley, Garvin County	26	6:00 a.-8:00 a.							Rain
									Some streets were flooded from 2.16 inches of rainfall.
Wilburton, near, Latimer County	26	1:00 p.							Rain
									U. S. Highway 270 was closed about 1:00 p. when water draining off the San Bois Mountains flooded the highway about 9 miles east of Wilburton. Water was 3 to 4 feet deep across the highway for approximately 1/4 mile from an estimated 4 inches of rain in a 24-hour period.
Jackson and Kiowa Counties	27	Afternoon	47	7	0	0	7	5	Funnel aloft and hail
									Kiowa County Sheriff's deputies followed a funnel as it kept dipping down and pulling up from north of Altus to Roosevelt to Mountain View. There was hail damage to wheat 18 miles northeast of Altus. Hail damage was extensive west, north and northeast of Roosevelt. About 4:30 p. big hailstones hit the Roosevelt area for about 10 minutes. Northwest to northeast of Roosevelt the ground was covered with hail from 30 percent to 100 percent. Eight miles west of Roosevelt 2 out loads of oats and rest of the crop was wiped out. A 2-mile strip of crops was destroyed 7 miles west of Roosevelt but depth of storm area is not known. An estimated 100,000 bushels of wheat were lost.
Ellis County	27	10:00 p.	?	*20	0	0	7	7	Hail
									Hail fell in most of Ellis County with size from marbles to 4 inches in diameter covering the ground in large areas with greatest depth of 3 to 4 inches. Crops damaged from 30 percent to 100 percent.
Asher, near, Pottawatomie County	27	10:25 p.	?	?	0	0	7	7	Tornado
									A tornado was reported south and west of Asher.
Walters, Cotton County	27	Night							Funnel aloft
									The Oklahoma Highway Patrol sighted a funnel north of Walters.
Gage, near, Ellis County	27	Night			0	0	7	7	Hail
									The hailstorm is reported to have caused 60 percent damage to crops in the southeast part of the County.
Kay County	30	3:00 p.			0	0	7	7	Hail
									On a farm 2 1/2 miles southeast of Newkirk the alfalfa was ready to harvest but hail cut it down to 4-inch height. There were 350 acres of crops destroyed. In Newkirk one roof was beaten off of a house and garage with 4 windows on south side of house broken, a
OKLAHOMA (Cont'd.)									number of windows were broken out at the City Power Plant. Damage to cars were reported with windshields knocked out, gardens were destroyed and some chickens were killed. Streets were flooded from 4 1/2 inches of rain beginning at 3:00 p. and fell within 30 minutes. In Kildare virtually all crops were destroyed about 1 mile north and 1 1/2 miles east in an area of about 2 1/2 miles wide and 3 miles long. At Peckham crops in an area about 3 1/2 mi. wide starting about 2 miles south and running north almost to the Kansas State line were also destroyed. The wheat crop 5 miles east and 2 1/2 miles north of Blackwell was a 60 percent loss and was flattened by marble size hail.
OREGON									None reported
PACIFIC AREA									None reported
PENNSYLVANIA									
Erie	4	9:20 P.M.					3		Thunderstorm
									An estimated \$1700. damage resulted from a fire to a home, caused by lightning.
Uniontown	7	5:00 A.M.					3		Thunderstorm
									After being struck by lightning, the roof of a home and a shed were destroyed by fire.
Erie County	16	8:35 P.M.	U	U	1	4	3		Tornado
									The eastward-moving tornado dipped and skipped across a sizable distance unroofing a barn, damaging a farm house, carrying away a chicken coop and tool shed and uprooting 45 fruit trees. One woman was injured when a barn in which she was standing, collapsed.
Western and southern counties	16	Afternoon & Evening			1	1	5		Thunderstorms
									In Erie lightning struck and fired a printing plant causing extensive damage. Near Sharon \$5000. damage resulted when strong winds unroofed a home while \$5500. damage occurred to a house from a lightning-induced fire. A man was killed by lightning in Johnstown. Near Windber a boy was injured when struck by lightning while riding his pony. Strong winds in south central and southeastern counties unroofed or damaged several buildings. In Shippensburg a 60-foot radio tower was also toppled by the wind.
Pittsburgh	20	3:00 P.M.					4		Thunderstorm
									Two homes were struck and fired by lightning with damage of \$3000. to each structure.
State-wide	25	Afternoon & Evening					5		Thunderstorm
									A number of homes and barns were fired by lightning. Near Duncannon 3 head of cattle and a quantity of hay and grain were destroyed by lightning-induced fire. In the Scranton area strong wind unroofed several homes and porches and felled a number of trees.
Beaver Falls	26	Evening					3		Thunderstorms
									Lightning set fire to an attic of a home resulting in \$1200. damage.
Southeastern Counties	27	Afternoon					5		Thunderstorm
									Seven cows valued at \$2500. were killed by lightning in Lebanon and Berks Counties. Lightning set fire to a New Holland cabinet shop, causing \$40,000. damage to building and contents. Strong winds at New Holland damaged four airplanes to an extent of \$25,000. Part of a hangar roof was also torn away. Near Lancaster a wall of a large building under construction was blown down and several tobacco sheds in the area were flattened. A farmhouse was also unroofed. Total damage in the Lancaster County area was estimated at \$200,000. At New Hanover an airplane was flipped over by the high winds, resulting in extensive damage to the plane.
PUERTO RICO	4-5				0	0	5	C	HEAVY RAINFALL
									After well over a year of drought conditions the end of April and beginning of May brought a number of consecutive days of abnormally heavy rains. On the dates indicated falls totaling over nine inches in the San Sebastian and Morovis areas caused some minor flooding and damages to bridges, roads and highways. The bridge on the road from Moca to San Sebastian was washed out. Minor damage to crops in the Morovis area was also reported. On the 5th Cayey received 5.60 inches, a new 24 hour May record. Sugar cane harvesting came to a standstill. Minor flooding also occurred in the San Juan metropolitan area where some families were evacuated from the areas of Villa Palmeras, Barrio Obispo and Loiza Street. More serious flooding did not occur due to lack of sufficient rainfall-soil moisture balance during the months prior to these rains.
	9-10				1	0	5	C	HEAVY RAINFALL
									For the second time during the month there were two days of heavy rainfall this time concentrated on the

See reference notes at end of table

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					KILLED	INJURED	PROPERTY	CROPS	
PUERTO RICO (Cont'd.)									northern and eastern slopes of Puerto Rico. In Canovanas where 5.47 inches fell on the 9th, the Canovanas Creek overflowed its banks and one man was trapped and drowned by the current in Las Lajas Creek. The Rio Grande and Mameyes rivers also flooded low grounds. In Naguabo and Humacao two bridges were damaged and agricultural areas flooded. About 120 families were evacuated from areas in San Juan, Humacao, Rio Grande and Naguabo.
RHODE ISLAND Woonsocket, Providence County	14	2:30 p.			0	0	3	0	Dust devil
Providence County and northeastern Kent County	17	3:00 p.-6:00 p.			0	1	4	0	Hail, lightning, rain
									Intense thunderstorms produced hail up to 1 1/2 inches in diameter in Scituate, lightning which set fires in Cranston, Johnston, Lincoln, Pawtucket, Providence and Smithfield, and rains which caused isolated flash floods and road washouts. A 15 year old boy was injured by a lightning strike in Providence.
SOUTH CAROLINA Kingstree, Williamsburg County	8	4:45 pm-5:45 pm	3/4	500	0	0	4	?	Tornado
									Destructive portion of storm struck about 5:00 pm. Storm entered from SW moving eastward - considerable roaring with poorly defined single funnel - whirling of roofing and debris reported.
Near Conway, Horry County	12	4:00 pm-5:00 pm	15	150	0	0	4	0	Tornado
									Tornado damage confined to Adrian section, moved NW to SE, destroying fertilizer warehouse, two tobacco barns and packing house.
Ridgeland, Jasper County	19	7:00 pm-7:30 pm	3/4	100	0	0	4	0	Tornado
									Small tornado moved from NW to SE, destroyed two aircraft near National Guard hangar, damaged hangar and other buildings.
Near Mt. Olive, Horry County	20	6:00 pm	1/2	100	0	0	4	?	Tornado
									Small twister travelled curved path W to SE - destroyed two tobacco barns and 7 of 15 large pecan trees located between two farm houses, with very little damage to either house.
Travelers Rest, Greenville County	20	8:00 pm-9:00 pm			0	0	4	?	Thunderstorm, Hail
									Storm, very little movement, damaged roofs, felled several large trees. High water ripped a gaping hole in dam E of highway 25 on State Park Road, flooded some buildings with 1 1/2 to 2 feet of water.
North, Orangeburg County	24	2:11 pm short			0	0	0	0	Tornado
									Funnel observed by pilot to touch down briefly in open field, moved NE, also observed by others from ground. Hook-shaped echo observed on Columbia radar at this time.
Near Aiken, Aiken County	24	2:00 pm			1	0	0	0	Lightning
									Woman struck by lightning as she crossed fence.
Near Ruby, Chesterfield County	26	3:00 pm-4:00 pm			0	0	3	4	Hail
									Storm, very little movement, 1 mile square area, caused extensive damage to roofs and crops. Largest hail over 3 inches long, irregularly shaped.
Orangeburg, Orangeburg County	27	pm			0	2	0	0	Lightning
									Two boys knocked unconscious, while standing in yard, released after emergency treatment.
Fort Jackson, Richland County	28	3:00 pm			0	3	0	0	Lightning
									Twenty soldiers hospitalized for observation - 3 suffered minor injuries when lightning struck in their midst.
SOUTH DAKOTA									
W of Lennox	5	Early p.							Funnel aloft
Near Elkton	5	2:45 p.	?	?			4	0	Tornado
									Storm damaged 3 farmsteads
Lake Andes	7	About 12:30 p.	?	?	0	0	0	0	Tornado
									Tornado touched down near Lake Andes. No damage reported.
NRN Black Hills	8-9	p.m. 8th a.m. 9th			0	0	5	0	Heavy snow
									Two to three feet of snow reported in area with drifts to 7 feet. Wet snow downed many trees and utility lines and collapsed roof of hangar near Spearfish demolishing 6 of the 15 planes in the hangar. Lead reported 32 inches of snow and Deadwood had 34 inches.
ERN Tripp County	8	5:15-6:00 p.	25	*1	0	1	6	5	Tornado and hail
									Storm destroyed or damaged 23 houses, other farm buildings and farm machinery from near Colome northward to near Hamill. Hail in area up to 2-inch diameter and covered ground up to 3 inches damaged crops and buildings.
Near Gregory	8	6:00 p.	1 1/2	20	0	0	3	2	Tornado
									Storm moved from SE to NW damaging 1 farmstead.
Near Howard	8	6:30 p.	4	200	0	0	4	2	Tornado
									Storm moved from SE to NW touching ground and rising several times causing damage to farm structures and killing some livestock.
SOUTH DAKOTA (Cont'd.)									
SE Clay County	8	6:30 p.			0	0	4	2	2 Tornadoes
									Storm moved from SE to NW damaging farm buildings on 5 farms.
Near Chamberlain	8	6:45-7:20 p.	6	50-100	0	0	4	0	Tornado
									Storm moved NW from 11 miles SE of Chamberlain to 8 miles SW of Chamberlain damaging farm buildings.
12 WNW Gettysburg	8	7:00 p.	?	?	0	0	0	0	Tornado
									Tornado touched down in open range with no apparent damage. Similar conditions apparently occurred with tornadoes listed below. Some of these tornadoes may be listed more than once but at different locations.
10W Pierre	8	8:00 p.	?	?	0	0	0	0	Tornado
26NNE Pierre	8	8:40 p.	?	?	0	0	0	0	Tornado
30N Pierre	8	9:00 p.	?	?	0	0	0	0	Tornado
15NW Gettysburg	8	9:32 p.	?	?	0	0	0	0	Tornado
18SW Moberidge	8	10:25 p.	?	?	0	0	0	0	Tornado
55W Moberidge	8	10:35 P.	?	?	0	0	0	0	Tornado
									Funnel aloft
NRN Black Hills	14				0	0	7		Heavy rain and flash flood
									Heavy rain of over 6 inches soon after heavy snow reported above caused record flooding in area. Lead recorded 24-hour rainfall of 6.93 inches and Deadwood had 6.70 inches. Many bridges and roads were washed out with extensive damage to other property. The region was declared a disaster area. First estimates placed damage at 2 million dollars and the estimate was later raised to near 5 million dollars damage.
3E Pierre	14	3:05 p.							Funnel aloft
40NE Pierre	14	3:49 p.	?	?	0	0	0	0	Tornado
									Tornado touched down in open range.
44 ENE Pierre	14	4:13 p.	?	?	0	0	0	0	Tornado
									Tornado touched down in open range.
27SW Redfield	14	5:35 p.	?	?	0	0	0	0	Tornado
									No damage reported.
W of Yankton	14	5:05 p.							Funnel aloft
Near Beresford	14	5:30 p.							2 funnels aloft
Elk Point	14	5:35 p.							Funnel aloft
10W Redfield	14	5:40 p.							Funnel aloft
1 1/2S Sioux Falls	14	6:55 p.							2 funnels aloft
Near Florence	14	About 7:30 p.	?	?	0	0	4	0	Tornado
									Tornado moved from SW to NE damaging 3 farmsteads.
2N Madison	15	2:30 a.							Funnel aloft
									Funnel seen during lightning by sheriff.
2S Sioux Falls	15	Early a.							Funnel aloft
15NE Sioux Falls	15	10:45 a.							Funnel aloft
42ENE Sioux Falls	15	11:35 a.							Funnel aloft
Near Garretson	15	p.m.							Funnel aloft
N of Frederick	20	Evening	?	?	0	0	4	0	Tornado
									Farm buildings wrecked and windows in house exploded outward.
Bryant and vicinity	20	6:30-6:50 p.	18-20	*2			4		Hail
									Hail averaged 2-3 inches with largest 4 inches. Ground half covered with hail. Storm moved from SW to NE. Damage mostly to roofs and windows.
Sisseton and vicinity	20	p.m.			0	0	4		Heavy rain and flash flooding
									Rain of 3.84 inches fell in 3 1/2 hours at Sisseton and unofficial amounts of 7 to 10 inches reported nearby. Entire center of Sisseton was flooded to depth of 2 to 3 feet.
7E Faulkton	20	8:28 p.	?	?	0	0	0	0	Tornado
									Tornado moved from SSW to NNE. No damage reported.
3NW Iroquois	20	9:40 p.	?	?	0	0	3	0	Tornado
									Tornado damaged 1 farmstead.
Near Fredrick	21	1:00-1:30p	?	?	0	0	4	0	Tornado and hail
									Tornado moved from SW to NE damaging farm buildings. Golf ball size hail apparently caused little damage.
Faith	23	7:20-7:30p	3/4	75	0	0	3	0	Tornado
									Tornado moved from NW to SE damaging a few buildings and a trailer house.
5 N Rapid City Apt	23	?	?	?	0	0	0	0	Tornado
									Apparently touched down in open country.

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
SOUTH DAKOTA (Cont'd.)									
10 NE Rapid City Apt	23	?	?	?	0	0	0	0	Tornado
Apparently touched down in open country. Maybe same as above.									
8 W of Yankton	24	1:57p	?	?	0	0	0	0	Tornado
No damage reported. This tornado apparently sighted later 3 S of Yankton in Nebr.									
16 NW Yankton	24	2:10p	2	6	0	0	3	0	Tornado
Partial damage to a farmstead. Moved from SW to NE.									
Near Bridgewater	24	2:15-2:30p	10	20	0	0	3	0	Tornado
Damaged several farmsteads. Moved from SW to NE.									
Near Salem	24	2:30p	8	100	0	0	4	0	Tornado
Moved from SW to NE destroying or damaging several farmsteads. Nearly all buildings destroyed on farm 7 SW of Salem.									
Near Montrose	24	2:40p	5	100	0	0	3	0	Tornado
Storm moved from SW to NE damaging buildings on a farm.									
Just E of Sioux Falls	24	3:15 and 3:28p	?	?	0	0	0	0	Tornado
Apparently touched down twice with no damage.									
8 W Irene	24	2:00p	?	?	0	0	4	0	Tornado
Tornado demolished or badly damaged most buildings on a farmstead.									
Humbolt area	24	pm	?	?	0	0	4	0	Tornado
Buildings destroyed on several farms. More than 1 tornado likely.									
Near Arlington	24	pm	?	?	0	0	4	0	Tornado
Tornado damaged a country store and buildings on 2 farmsteads.									
Sioux Falls	24	3:15p	?	?	0	0	3	0	Tornado
Tornado damaged several buildings in small area in SW part of city.									
Near Canistota	24	pm	?	?	0	0	4	0	Tornado
Tornado caused severe damage to buildings on 3 farms with lesser damage on several other farms.									
12E Sioux Falls	24	3:40p	?	?	0	0	0	0	Tornado
Apparently tornado touched down briefly with no damage.									
34 NW Sioux Falls	24	4:05p	?	?	0	0	3	0	Tornado
Damage to several buildings.									
8 SW Worthington	24	8:45p	?	?	0	0	0	0	Tornado
No apparent damage.									
30 WNW Sioux Falls	24	9:35p	?	?	0	0	0	0	Tornado
No apparent damage.									
30 SSE Watertown	24	10:00p	?	?	0	0	0	0	Tornado
Touched down in park with no apparent damage.									
Most of state	28	Early am			0	0	0	?	Late season frost
Temperatures were mostly from mid to upper 20's except in south where they were generally in low 30's. The low temperatures set back some crops and caused light damage to others. Only a few low places suffered heavy damage.									
Lake Andes area	29	6:00p	?	?	0	0	0	0	Tornado
Touched down briefly with no apparent damage.									
Southeast	29	6:00p							10 Fns Aloft
Three Lake Andes area, 1 near Armour, 4 Madison area, 1 near Junius and 1 near Rutland.									
Sioux Falls area	29	9:00p							2 Fns Aloft
TENNESSEE									
Unicoi County	7-8				0	0	0	0	Lightning
Lightning is suspected to have started two forest fires in the Unicoi Wildlife Reserve which had been without rainfall for several days. The fires were located on Long Arm Ridge and Flat Top Ridge. Both ridges are adjacent to Highway 107 near Clark's Creek.									
Davidson County	11	2:00p							Funnel aloft
Funnel shaped cloud reported three miles north of Sewart Air Force Base.									
East Tennessee	18	5:00 - 9:00p			1	0	0	5	C
Severe thunderstorms with strong winds and hail hit several East Tennessee counties with heaviest damage in the area from Chattanooga to Knoxville. Winds estimated up to 60 mph damaged roofs, power lines, uprooted trees, and destroyed numerous plate glass windows. A woman in Chattanooga was killed in a parked car when a stone wall and electrical sign toppled from the roof of a supermarket. Strong winds also caused heavy damage to boats and boat-docks on Chickamauga Lake. Hail of undetermined size caused little damage.									
Cumberland County	18	8:15p							Funnel aloft
seven miles south of Crossville.									
Knoxville area, Knox County	18	p.m.			0	0	0	0	Thunderstorms
A DC6 Airliner bound for Lexington, Kentucky from McGhee-Tyson Airport was forced to return to Knoxville after experiencing severe turbulence north of the city.									
TENNESSEE (Cont'd.)									
Byrdston, Pickett County	18	p.m.			0	0	3	0	Lightning
Seventeen cattle killed by lightning.									
Smith and DeKalb Counties	19	p.m.			0	0	0	0	Rain, flooding
Local flooding occurred during and after heavy rains, especially in Brush Creek and Alexandria communities where creeks flooded their banks into streets, buildings and farmlands.									
Kingsport, Sullivan County	20	Afternoon			0	0	3	0	Lightning
Benton, Polk County	21	p.m.			0	0	4	0	Lightning
Lightning was apparent cause of fire which destroyed a house and most of its contents.									
Columbia, Maury County	22	4:50p			0	0	?	0	Thunderstorm
Middle and West Tennessee	26-27				0	0	5	?	Wind, rain, lightning
Severe thunderstorms with damaging winds and lightning hit several counties during the night of the 26th and early morning of the 27th. Heavy rains up to 5 inches in West Tennessee caused quick runoff, damaging street paving, flooded low areas with water damage to houses and buildings. Lightning and winds up to 65 mph caused scattered damage to roofs and utilities. Falling trees damaged or destroyed several parked automobiles.									
Memphis, Shelby County	28	8:30a.			0	0	4	0	Lightning
House electrical system struck by lightning, destroying house and contents by fire.									
TEXAS									
Deaf Smith Co.	4	3:30 p-5:30 p	32	45	0	0	?	?	Hailstorm
Hail up to 1 1/2 inches in diameter destroyed or damaged young crops in a five-mile wide swath from the Westway community northeastward to Wildorado in Oldham County. Heaviest damage was centered north and northwest of Hereford. Sugar beets and potato plants were cut to pieces on the Frank Barrett and Marvis Southward farms northwest of Hereford. Hail damage was severe in the Ford community north of Hereford. Wheat farms suffered moderate damage in the path of the storm. Two hours after the storm, hail chunks the size of 50-cent pieces were still evident. The hail appeared to be spotty, but covered the ground in places.									
8 W Amarillo Potter Co.	4	6:40 p			0	0	3	0	Tornado, funnel aloft
A small tornado unroofed the main building and four cabins at Camp Kiwanis, a Girl Scout camp, eight miles west of Amarillo. Mr. and Mrs. Ray Miller, caretakers at the camp, escaped injury by crawling under their house. Property damage was estimated at \$2000. A second funnel, not touching the ground, was observed to the north of the tornado.									
Stratford Sherman Co.	4	evening	?	?	0	0	?	?	Hailstorm
Six new houses in North Stratford had window panes broken by hail averaging 3/4 inch in diameter. The hail was driven by a southwest wind estimated at 40 miles per hour.									
Hartley Co.	4	evening	?	?	0	0	3	?	Tornado, hail-storm
A tornado touched ground in open farm land about 17 miles east of Dalhart. The funnel dipped to earth between the Carrol Chaloupka farm and the G. L. Lesley stock farm, four miles south. Hail up to 2 1/2 inches in diameter fell in Hartley, and in the northeastern part of Hartley County. Some automobiles were dented in Hartley when struck by the large hailstones. Wheat was damaged in farm areas, but the extent of the damage is not known.									
SE Amarillo	4	8:00 p							Funnel aloft
Borger Hutchinson Co.	4	8:04 p	1	100	0	0	4	0	Tornado
A small tornado damaged homes in a four to six block area in the southeastern section of Borger. Most of the damage was to an almost completed, two-story home. Shingles, 2x's, 1x2's, and other building materials were strewn along a path 100 yards wide. One 2x4 timber was driven into the engine block of a pick-up truck. An examination of the damaged two-story house indicated the insulation appeared to burst into minute particles and was blown into every fence crack, brick crevice, or any exposed surface in the immediate area. To the southwest, a short-wave transmitting tower, approximately one-half mile away was collapsed. At the two-story home, the tornado lifted off the roof and tossed the largest part of it some 200 yards. Parts of the second story wall structure were also blown away. The bathroom fixtures of the damaged home remained intact except for the commode which was found about 100 yards to the southwest of the two-story structure. Sounds associated with the tornado were described by witnesses as a jet engine-like noise, a train-like noise, or a combination of these noises.									
Fritch Hutchinson Co.	4	8:30 p							Funnel aloft
Kimney Co.	5	5:00 p	?	?	0	0	0	0	Tornado
A tornado struck in open ranch country in Kimney County, midway between Del Rio and Quemado. There was no damage.									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.)									
Carrizo Springs Dimmit Co.	5	6:15 p	7	*5	0	0	3	5	Hailstorm
									Marble size hail damaged roofs and gardens in Carrizo Springs, and damaged crops in a 5 by 7 mile area surrounding the city. Property damage was estimated at \$5,000 and crop damage at \$67,000. An estimated 25 percent of the citrus crop in Dimmit County suffered damage. The hail covered the ground in places to a depth of from one to two inches.
Big Wells Dimmit Co.	5	7:45 p-8:00 p							Funnel aloft, hailstorm
									Soft hail, 3/4 to 1 1/2 inches in diameter, caused minor damage to crop foliage in the area.
Burnels and Taylor Counties	5	night	?	?	0	0	?	?	Tornado, heavy rain, hailstorm
									Heavy rain, hail, and a small tornado battered the northern portion of Burnels County and the southern portion of Taylor County. The tornado struck near Wingate, snapping off four telephone poles and damaging others. Hail up to 1 1/2 inches in diameter fell north of Winters. Wheat on the Dorsey farm in the Drasco community was reported a total loss. Hail struck this particular area twice, once about 6 p.m., and again at dark. Hail damage was also heavy on the M. L. Dobbins, and A. T. and D. W. Williams farms. Rains of up to 5 1/2 inches, unofficially, in the area put U. S. Highway 83 near Bradshaw under three feet of water.
Giddings Lee Co.	5	night			0	0	?	0	Lightning
									Lightning struck a farm home and a church in the Giddings area. The home burned to the ground, but the church received only minor damage.
Dodson Wheeler Co.	6	5:00 p	?	?	0	0	3	?	Hailstorm
									The Dodson community was struck by baseball size hail which damaged several cars and the roofs of some houses. The meteorologist-in-charge of the U. S. Weather Bureau in Amarillo, Texas examined five of the hailstones on May 21st which had been stored in a freezer. The hailstones were three inches in diameter, knobby but spherical, and weighed one-half a pound each.
Pampa Gray Co.	7	3:00 p	?	?	0	0	?	?	Hailstorm
									Hailstones averaging 3/4 inch in diameter fell in the Pampa area. Largest stones were 1 1/2 inches in diameter. It is believed that only minor damage resulted.
10 N Shamrock Wheeler Co.	7	6:30 p-7:15 p	8	*2	0	0	4	?	Hailstorm, tornado, funnel aloft
									Hail averaging 2 inches in diameter severely damaged about 2500 acres of wheat in a 2 by 8 mile strip between Lela and Kelton. Largest stones were 3 1/2 inches in diameter. One slab of ice was found measuring 2 1/2 x 1 1/2 inches. The hail damaged roofs of homes in the area, stripped leaves of trees and even some limbs, and pounded plants into the ground. Property damage was estimated at \$10,000. Two funnel clouds were observed in the area. One of these touched ground frequently in open farm land about four miles northwest of Shamrock at approximately 6:50 p.m.
5 SE Henrietta Clay Co.	9	12:00 p							Funnel aloft
7 NE Bonham Fannin Co.	9	1:02 p							Funnel aloft
Whitney Hill Co.	9	2:00 p	?	?	0	0	4	0	Tornado, windstorm, funnels aloft
									Severe thunderstorm winds and at least one tornado caused heavy damage in the Whitney area of Hill County. The north Whitney area and the lake communities around Cedar Creek received the heaviest damage. Two funnels were observed. It is believed that only one touched ground. The tornado touched ground briefly then bounced back up into the sky. The tornado picked up one end of a 62-foot trailer and moved it approximately 10 feet. Several residences and business houses were unroofed, trees uprooted, and light buildings demolished. The severe winds struck the home of Ellis Falkner causing a portion of the front porch to give way. Other homes were moved off their foundations. The plate glass window on the front of a cottage owned by Mr. James Park was shattered; however, the glass shards on a wall-mounted kerosene lamp was gently plucked from the wall and placed unbroken on the patio. Mr. and Mrs. Park, who were in the cabin when the storm struck, were uninjured.
Victoria Victoria Co.	9	3:30 p-3:45 p	?	?	0	1	2	0	Windstorm
									Thunderstorm winds unroofed one house resulting in minor injuries to one person. The wind speed was estimated at 55 miles per hour. The wind speed at the U. S. Weather Bureau Airport Station was measured at 47 miles per hour in gusts.
18 NW Tyler Smith Co.	9	4:00 p	?	33	0	0	4	0	Tornado
									A tornado demolished a 10 by 100-foot barn and a small cow shed, blew down a 100-foot television receiving tower and several trees on the garden Valley Ranch about 18 miles northwest of Tyler. Property damage was estimated at \$6,000.
Milford Ellis Co.	9	afternoon	?	?	0	1	?	?	Windstorm
									Mrs. J. C. Copper was cut on the arm when a windstorm shattered a window at her home at Milford. No other damage was done to the house. At the John Woodward home south of Milford, the strong winds blew away small sheds. Trees were uprooted and limbs were blown off others in some areas.
TEXAS (Cont'd.)									
Crosby, Dickens, Floyd and Hale Counties	9	evening	40	*20	0	0	?	?	Hailstorm, funnels aloft
									Hail caused extensive damage to wheat, feed and young cotton in a large area of southern Hale, southern Floyd, northern Crosby, and northwestern Dickens Counties. Extensive damage was noted in the Petersburg area of Hale County, the Lakeview community in Floyd, the area around Mount Elanco in Crosby, and around McAdoo in Dickens County. Hailstones were reported four to five inches deep in the McAdoo area, and also in the Cone community in northern Crosby County. Most of the wheat lost was in Floyd County where an estimated 5,000 to 7,000 acres were completely lost. Hailstones averaged about 1 1/2 inches in diameter, with largest stones two to three inches in diameter. Two funnels were observed north of Crosbyton but did not touch ground.
12 S Canton Van Zandt Co.	9	evening	2 1/2	?	0	0	4	0	Tornado
									A tornado caused approximately \$10,000 property damage along a 2 1/2 mile strip 12 miles south of Canton. The tornado touched ground on the J. T. Wycouch farm, picking up a large unoccupied frame residence, twirling it around, and dumping it. A shed on the same farm was also damaged. At the Bill Greenwood residence, one chicken house and two barns were scattered over 20 acres. Greenwood's home was lifted from its foundation but settled back down. Trees were blown down. The next reported damage was at the John Smith farm about 1 1/2 miles from the Greenwood residence. A barn was blown 250 yards and then dumped in a pile of wreckage.
11 SE Brownfield Terry Co.	10	4:00 a-6:00 a	?	?	?	?	?	?	Hailstorm
									Hailstones two to three inches in diameter damaged field crops in the Union area southeast of Brownfield. The damage was mainly to wheat and young cotton. The windshields and finishes of a number of automobiles in the area also suffered damage.
Tahoka and vicinity Lynn Co.	10	6:30 a-6:45 a	10	?	0	0	?	?	Hailstorm
									Hail averaging 1 1/2 inches in diameter damaged roofs of between 25 and 35 homes in Tahoka. The area of hail damage extended northeastward from Tahoka about 10 miles. A few automobiles had windshields cracked by the largest stones which measured 3 inches in diameter.
Weatherford Parker Co.	10	10:30 a-12:55 p	20	?	0	0	?	?	Hailstorm
									Hail averaging one inch in diameter damaged fruit and vegetable crops in a 20-mile strip through the center of Parker County. In Weatherford, most of the damage was to roofs of houses. The south and southwest parts of the city were hardest hit. At a church camp about four miles east of Weatherford, roofs of a number of cabins were damaged, as well as approximately 30 automobiles.
Elm Mott McLennan Co.	10	3:00 p							Funnel aloft
Corisiana Navarro Co.	10	3:15 p-4:00 p	8	?	0	0	5	?	Tornado
									A tornado, moving from the northeast toward the southwest and west struck the northern part of Corsicana, skipped over the same area, then struck the Navarro Junior College west of the city. Navarro Junior College, the Baptist Student Union, the Memorial Hospital, and several other institutions suffered extensive damage. The tornado came from the northeast, struck the college gym, then unroofed the BSU building, after demolishing an unoccupied house on Mamie Avenue. The American Club Apartments were also damaged. The tornado peeled back 15 to 20 sheets of tin roofing covering about a 10-foot square area on the northeast corner of the gym. Several students playing basketball in the gym took cover behind the concession stand and were not injured. According to an eye witness, Roy Ragsdale, the tornado seemed to switch directions after striking the gym, veering off from the northeast to the northwest. The tornado apparently continued on westward to the E. R. Minor farm, 8 miles west of Corsicana where ten outhouses and a grain bin were destroyed. The Minor home and several other buildings were damaged and a number of trees uprooted.
Itasca Hill Co.	10	afternoon							Funnel aloft
Fort Worth Tarrant Co.	10	afternoon	?	?	0	0	4	0	Flooding
									Torrential rains flooded creeks and streets in Fort Worth. A bridge over Big Fossil Creek on Broadway near Richland Plaza collapsed in the rampaging current. Several homes in Forest Hill and in the Sun Valley area of Fort Worth, near Lake Arlington suffered minor damage. Forty-eight hour rainfall totaled an unofficial 6.78 inches in Forest Hill. Unofficial storm totals of three to five inches were reported from other sections of the city.
Fort Worth Tarrant Co.	10	afternoon			0	1	0	0	Lightning
									George W. Weatherly, 48, of 857 Mirabe Drive in White Settlement, was knocked down when lightning struck a metal pole against which he was leaning. He was not injured seriously.
Near Rogers Bell Co.	10	8:17 p							Funnel aloft

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.)									
Brenham Washington Co.	10	night	1	167	0	0	4	0	Windstorm Severe thunderstorm winds uprooted six large trees; picked up a smoke house from its foundation and hurled it 10 feet where it landed on its side; and demolished an airplane hangar under construction at the Coats Air Spray on the Houston Highway. A sprayer airplane tied down was yanked from the ground and lifted some 200 feet where it was deposited on the ground with little more than a damaged tail section. Two parked trucks were in the path of its flight between the place where it was tied down and the place where it landed. The tail section of another plane which was tied down to pipes sunk into the ground was slightly damaged when it struck a fence.
Orange Orange Co.	11	1:05 p							Funnel aloft
Near Chico Wise Co.	12	1:30 p	short	narrow	0	0	4	?	Tornado, hail-storm A small tornado dipped down on the Dan Redwine farm near Chico tearing off one half of a barn and work shop. Mr. Redwine, at home at the time, said his house began shaking when the storm struck. At the Tom Barrett farm, also in the area, a pig house was destroyed and another house was turned around. Hail cut a 1/4 mile swath from the Jacksboro Highway to Alwood. The path was about two miles north of Chico. The hail ruined gardens, stripped trees and broke window panes in its path. Hailstones varied in size from 1/4 to 1 1/2 inches in diameter. Some hail damage occurred in both Greenwood and Alwood.
20 W Marfa Presidio Co.	12	3:00 p- 3:15 p	?	?	0	0	0	0	Tornado A tornado touched ground for about 15 minutes, approximately 20 miles west, and slightly north of Marfa. It caused no apparent damage.
4 N Winters Runnels Co.	12	4:30 p- 4:35 p	4	1/2	0	1	3	0	Tornado A tornado uprooted live oak trees and unroofed a barn on the B. T. Gardener farm 1/2 to 5 miles north of Winters. A cotton trailer was overturned. A pickup truck driven by Billy Talley was lifted clear of the road by the tornado, blown across the borrow ditch and into a field, west of U. S. Highway 83. It came to rest against a fence that was not disturbed. Mr. Talley remained in the vehicle throughout its flight and received only minor scratches and bruises, and was shaken up. The tornado also picked up another automobile on U. S. Highway 83, turned it completely around so that it came to rest headed in the opposite direction. The driver was not injured.
12 W Coleman Coleman Co.	12	6:30 p	?	?	0	0	?	?	Wind and hail-storm, funnels aloft Severe thunderstorm winds demolished a barn, carport, and other small buildings belonging to Don Baber at Glen Cove, 12 miles west of Coleman. Hail accompanying the storm severely damaged grain crops in the area. The best crop belonging to L. P. Whittington was reported a total loss. Heavy hail was also reported on the Tracy Story farm northwest of Glen Cove.
Near Andrews Andrews Co.	13	2:45 p	1 1/2	125	0	0	3	0	Tornado, funnel aloft A tornado formed about 17 miles west-southwest of Andrews between State Highways 115 and 176, then traveled on the ground east-northeastward a distance of 1 1/2 miles before lifting back into the air near the western edge of Andrews. The only damage was to a tank battery hit by the tornado just before it crossed State Highway 176. Two 250-barrel oil tanks were hurled 200 to 250 feet. A steel catwalk on some of the tanks was rolled up into a ball. The tornado was marked by a 125-yard path of stripped trees, uprooted mesquites, and broken limbs. A funnel aloft was observed southeast of Andrews, but lasted only a few seconds.
Potter Co.	13	2:45 p							Funnel aloft Observed one mile west of U. S. Highway 247 near Canadian River.
Howard Co.	13	1:30 p- 3:00 p	28	?	0	0	5	?	Rain, hail, windstorm, two funnels aloft Torrential rains, hail, and high winds buffeted Big Spring and the surrounding area of Howard County causing an estimated \$175,000 damage to property. Hains up to an unofficial six inches within 48 hours caused an estimated \$90,000 damage to roads. Damage from winds estimated at 70 miles per hour caused \$25,000 damage. Hail damage was estimated at \$10,000. Damage to property other than roads from the heavy rains was estimated at an additional \$20,000. Hailstones averaged 3/8 inch in diameter, with largest stones one inch in diameter. Two funnel clouds were observed in the northern part of the county.
SW Crane Crane Co.	13	2:00 p- 3:00 p	1	narrow	0	0	0	0	Tornado, funnels aloft A tornado southwest of Crane touched ground in open country without causing any damage. The storm moved from southwest toward the northeast. Three other funnel clouds were observed in the vicinity of Crane, but it is not believed that these touched ground.
4 S Tullia Swisher Co.	13	4:15 p	*200	narrow	0	0	0	?	Tornado A tornado touched ground for about 200 yards four miles south of Tullia then lifted back up into the clouds.
9 S Seminole Gaines Co.	13	afternoon	short	narrow	0	0	0	?	Tornado A tornado touched ground briefly near U. S. Highway 365 about 9 miles south of Seminole then ascended into the clouds.
TEXAS (Cont'd.)									
10 S Lubbock Lubbock Co.	13	afternoon	?	?	0	0	?	?	Tornado A tornado dipped to the ground near the Woodrow community, about 10 miles south of Lubbock. A trailer house was demolished and poultry pens and a well house damaged.
Lake J. B. Thomas Scurry Co.	13	6:55 p	short	narrow	0	0	0	0	Tornado A tornado touched ground near Lake J. B. Thomas but caused no damage. The storm moved from southwest toward the northeast.
Big Spring Howard Co.	13	night	?	?	0	0	?	?	Hailstorm Hail up to 1 3/4 to 2 inches in diameter battered many sections of Big Spring. Residences near the downtown area were hardest hit. Most of the damage was to older composition roofs, windows, and car tops. Fifteen windows in the Howard County Courthouse were broken out; 20 windows at the Settled Hotel were also knocked out. A number of churches and schools also received window damage.
7 NW McKinney Collin Co.	14	9:30 p- 9:40 p							Funnel aloft The funnel moved along a path of about 12 miles from southwest toward the east-northeast but did not touch ground. The end of the funnel was estimated to be about 400 yards above the surface of the ground.
Big Spring Howard Co.	15	1:25 p- 5:30 p			0	0	4	0	Heavy rain, flash flooding, hailstorm Unofficial amounts of up to three inches of rain fell in less than two hours in Big Spring, causing flash flooding. Water up to four feet deep collected in some areas. The rushing water caused heavy damage to city streets, and a number of businesses and homes were flooded with as much as three feet of water. A rear wall at a furniture store collapsed resulting in more than \$6,000 damage. The Settles Hotel, Hired Furniture Store, Tate, Erestow, and Parks Insurance Co., and the Kid's Shop were flooded with three feet of water. Hail accompanying the storm caused an estimated \$1,000 damage to cars and house roofs in the north-western part of the city. On U. S. Highway 87, north of Big Spring, hailstones described as large as lemons damaged roofs and carts.
Near Loraine Mitchell Co.	15	1:30 p			0	0	?	0	Lightning Lightning set fire to the Floyd Griffin home two miles east of Loraine burning it to the ground.
12 SW Roscoe Nolan Co.	15	2:40 p- 2:45 p	1	100	0	0	?	?	Tornado A tornado touched ground on the Bruce Newton farm in the Champion community about 12 miles southwest of Roscoe. A shed was blown over and several trees damaged. Mrs. Newton, who saw the tornado approaching from the west took refuge in a cellar and wired the door shut. A few moments later the cellar door was ripped off the cellar. Nineteen years earlier, on May 15, 1946, at almost the same hour, the Newton home was blown off its foundation by another tornado.
Lake Fort Phantom Hill Jones Co.	15	4:00 p- 4:30 p	8	100	0	2	5	0	Tornado A tornado destroyed two trailer houses, two homes, and rendered damage ranging from minor to severe to about 20 additional homes in the Lake Fort Phantom Hill area northeast of Abilene. Two men were injured slightly when struck by flying debris. The funnel was first observed aloft just north of the Abilene city limits. The tornado skipped along a path about 8 miles long, moving from southwest toward the northeast. Total damage was estimated at \$50,000.
Ingleside San Patricio Co.	15	5:30 p	*67	17	0	0	2	0	Tornado A small tornado touched ground twice in the north part of Ingleside. It picked up a 500-lb. home-made plywood camper at the home of Mr. L. E. Burgess, 111 N. Ave. C, and carried it about 75 yards damaging it extensively. About 25 feet from where the camper was lifted from a trailer, a straw hat, laying in a boat, was undisturbed. The Burgesses 10-year old son, who was riding a bicycle in front of the house at about the same time was turned completely around and thrown from the bicycle, but was not injured.
NE Maryneal Nolan Co.	15	afternoon	short	narrow	0	0	?	?	Tornado A tornado touched ground on the Henry Cook farm northeast of Maryneal. A few moments later all the windows in the Willis home on the Alexander farm nearby were blown out. One window was blown inward, and all the others were blown outward.
Harriet Tom Green Co.	15	6:15 p	?	?	0	0	4	?	Windstorm A severe thunderstorm wind struck the Harriet community, 11 miles northeast of San Angelo. A large double garage and several barns were damaged. Total property damage was estimated at about \$30,000.
Brown and Coleman Counties	15	6:30 p- 7:30 p	20	*10	0	0	?	?	Hailstorm Hail averaging 3/4 inch in diameter severely damaged crops in a strip 10 miles wide between Valera and Brownwood. Damage to wheat and oats in the path of the storm was estimated at 75 to 100 percent. The largest hailstones were 2 inches in diameter. Roofs of farm houses in the area were also damaged.
Near Eagle Mountain Lake, Tarrant Co.	15	7:00 p							Funnel aloft

See reference notes at end of table.

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.) Cooke Co.	15	7:30 p	?	?	0	0	4	0	Windstorm
Severe thunderstorm winds caused heavy property damage between Valley View and Gainesville. Greatest destruction was northeast of Valley View. On the Duffy farm, one mile north, sheet metal was blown from a roof; on the Meseran farm, one mile north and 1/2 mile east, a large barn was unroofed and a small building was blown away; on the Conrad Seyler farm, one mile north and two miles east of Valley View every building but one was damaged. One barn 50 by 50 feet, with a 20-foot shed was blown away. In Gainesville, the windstorm left a trail of uprooted trees, one damaged building, stores of broken television antennae and snapped utility lines. The Ace Garage on North Interregional Highway 35 had its roof lifted off and deposited at the rear of the building. Property damage from the storm was estimated at \$25,000.									
15 NW Mineral Wells Palo Pinto	15	evening							Funnel aloft
Coleman Co.	15	evening	?	?	0	0	?	?	Tornadoes, funnels aloft
A tornado damaged several buildings and uprooted large trees along a path five miles southeast of Coleman. Three funnels were observed in the Glen Cove-Notice area in the western part of the county. One of these touched ground near Glen Cove causing some property damage but no injuries.									
Wink-Kermit area Winkler Co.	15	evening	?	?	0	0	?	?	Hailstorm, windstorm
Hailstones averaging about 1 1/4 to 1 1/2 inches in diameter severely damaged roofs of homes and businesses in Wink and Kermit. Holes were knocked in roofs of some houses in Wink. Several windshields of automobiles were broken. The largest hailstones were described as baseball size, and also as the size of peaches. Later in the night, a severe windstorm battered Wink, partially unroofing the Richardson Service Station, and blowing down a sign at Arnold's Service Station. A brick wall at Gruben Fina Station on East Austin Street was strewn for several yards. A 17-foot camper trailer owned by Loyd Ellingsworth was blown across the street and struck a guard rail.									
Midland Midland Co.	15	11:40 p- 12:00 a	4	*2	0	0	5	?	Tornado, windstorm
The north and northwest sections of Midland were struck by a severe windstorm. Trees were uprooted, several fences blown down, roofs of houses were damaged, and one barn demolished. The path of damage indicated a tornado touched ground in two places, although there were no actual reports of a funnel in contact with the ground. Heaviest damage was at Midland Airpark where one quonset-type hangar was blown at least 70 yards from its foundation and causing major damage to two airplanes inside. Six other airplanes received minor damage. A T-type hangar was also damaged. Throughout the northwest section of the city, chimneys were knocked down and air conditioners were tumbled to the ground. Two buildings were blown away at the Midland Country Club. The roof was peeled off a house at 400 East Darnard Street. A section of the roof of the Texas Department of Public Safety's regional headquarters on North Big Spring Street was blown away with water causing some damage. Damage from the tornado was estimated at \$100,000, all at the Airpark, while other wind damage was estimated at \$50,000. An undetermined number of livestock suffered injuries on the C. A. Dunn farm seven miles east of Midland on U. S. Highway 80. A garage and a barn on the farm were damaged.									
Austin and vicinity Travis Co.	16	2:00 p- 4:00 p	20	*5	0	0	4	0	Heavy rains, windstorm, funnels aloft
Rains up to an unofficial four inches in about 30 minutes flooded streets, sewers, creeks, and underpasses in Austin and the surrounding area. A number of business houses were flooded with the worst damage in the Twin Oaks Shopping Center on West Olorof and the Capital Laundry on Barton Springs Road, both in South Austin. More than an inch of silt covered the floors of Wirm's Store, Mode of Day, Twin Oaks Camera, Hyden's Food, South Optical, and Elizabeth Jewelry, all in the shopping center. High winds estimated at 60 miles per hour battered the Barton Hills area causing considerable damage to trees, utility wires, and small out buildings. Damage to residences was comparatively light. A funnel cloud was reported 15 to 20 feet above ground at 2:02 P.M. Dell in the Barton Hills area. Another funnel aloft was reported near Manchaca, south of Austin. Numerous signs, billboards, and a few fences were also blown over or damaged by the high winds. Congress Avenue, along with other streets in Austin's business district suffered water damage from the storm, as did many streets in the city. The Austin Weather Bureau office recorded a peak gust of 57 miles per hour at 2:27 p.m.									
Fort Hancock Hudspeth Co.	16	2:30 p- 3:00 p	20	?	0	0	?	4	Hailstorm
A heavy hailstorm severely damaged practically all cotton planted from Fort Hancock southeast along the Rio Grande for about 20 miles. An estimated 1500 acres were completely destroyed. The ground was completely covered in places.									
Altair Colorado Co.	16	7:00 p	?	?	0	1	?	?	Windstorm
Strong thunderstorm winds blew the sheet metal roof off the Altair Rice Dryer near Eagle Lake. Kinmar Goux was injured when a piece of the roof pierced the windshield of the automobile he was driving.									
Near Kingsbury Guadalupe Co.	16	8:10 p							Funnel aloft
TEXAS (Cont'd.) Near Alice Jim Wells Co.	16	9:30 p- 10:25 p							3 funnels aloft
Three funnels aloft were sighted in the vicinity of Alice and confirmed by observation of a characteristic echo pattern on the radar scope at Radio Station KDFY, Alice. (1) north of Alice, approximately eight miles south of Clegg; later observed northeast of Alice, near Orange Grove; (2) four miles east of Alice; (3) fourteen miles south of Alice, over the intersection of U. S. Highway 281 and Farm Road 141. The funnels moved from west to east.									
Cherry Springs Gillespie Co.	16	12:00 p	short narrow	0	0	2	?	?	Tornado
A small tornado uprooted trees and unroofed a hunter's cabin on the Eli Rode place near Cherry Springs in northern Gillespie County. The storm moved from northwest toward the southeast.									
Bell and Milam Counties	16- 17		?	?	0	1	6	6	Torrential rains, flooding
Torrential rains of from 8 to 10 inches on the Elm Creek and Nolan Creek watersheds caused an estimated \$1.18 million damage to property and crops. Damage on the Nolan Creek watershed, mostly around Belton and Killen, was estimated at \$350,000, and on the Elm Creek watershed at \$830,000. Killen caught 9.10 inches within 18 hours, and Belton 7.81 inches. Property damage from the torrential rain and rushing floodwaters of Nolan Creek at Killen was estimated at \$125,000. Two houses suffered major damage, 90 had minor damage, three trailer homes were destroyed, and 25 others had major damage. Thirty-six trailer homes suffered minor damage. Seven business houses were damaged. Only one person was injured. In Belton, Nolan Creek swept through Joe Smith's Grocery, HEB Grocery, Butch's Cafe, Main Beauty Salon, Belton Car Mart, Bell's Grocery, Elliott's Laundry, and some 100 homes. Eight cars of a Santa Fe freight train were derailed by a washed out bridge near Nolarville, and several automobiles were swept from flooded highways. Crop damage on the Nolan Creek watershed was estimated at \$25,000. On the Elm Creek watershed some 18,000 acres were inundated with crops and pastures damaged by some \$585,000. Total property damage was estimated at \$570,000 and crop and pasture damage at \$610,000.									
Austin Travis Co.	17	1:30 a	*4	2	0	0	2	0	Tornado
The tip of a tiny tornado, estimated at no more than six to eight feet in diameter at its biggest part uprooted a single 50-foot elm tree near the front porch of an Austin residence but caused no other damage, although the tree itself, did knock off the chimney of the residence as it fell to the ground. The small funnel, with a roar as deafening as a jet engine warming up, passed about five feet over the head of Mr. Mat Henderson, staff writer for the Austin Statesman only seconds before uprooting the huge elm tree just 15 feet away. Mr. Henderson stated that, "although the distinct funnel roared just above my head, it did not even stir a hair. I could not feel a breath of a breeze ---- there was no wind except in the funnel itself." The tornado uprooted the large elm tree but did not bruise a blossom on a magnolia tree, although the limbs of the two were intertwined. Mr. Henderson heard the loud roar from inside the house, and went outside to investigate. The roar became louder, and he noticed a funnel, bent into a U-shape, the U being horizontal to the ground, with a section extending upward and downward, traveling from the southeast to the northwest. It was only about 50 feet away with the tip about 50 feet from the ground. The upper end of the funnel was not visibly connected with the cloud. When the funnel, described as show white, was about 25 feet away, it was only 25 feet above ground. Then it was just five feet over Mr. Henderson's head as it passed the front porch of his residence while he was trying desperately to get through a screen door that was stuck.									
S College Station Brazos Co.	17	2:56 p	short narrow	0	0	0	0	0	Tornado
A tornado touched ground briefly in open farm land south of College Station and immediately returned to the cloud.									
Balmerhea vicinity Reeves Co.	17	2:30 p- 4:00 p	1 1/4	*5	0	0	0	4	Hailstorm
Hailstones averaging 3/4 inch in diameter covered the ground up to two inches deep in places and caused an estimated \$50,000 damage to crops in the Balmerhea area. The largest stones were 1 1/4 inches in diameter.									
Presidio Co.	17	3:55 p- 4:05 p	?	?	0	0	0	0	2 tornadoes
Two tornadoes were observed in open range country in Presidio County. One tornado was about 20 miles southwest of Marfa; the other about 20 miles northwest of Marfa.									
Near Santa Rosa Cameron Co.	18	5:00 a- 6:00 a	7	*1	0	0	3	4	Hail, windstorm
A severe thunderstorm accompanied by hail and high winds caused considerable damage to cotton and grain sorghum in an area extending along a line from 1/2 miles southwest to 1 1/2 miles east-northeast of Santa Rosa. One farmer had 400 acres of cotton heavily damaged by the hail. A few homes and farm shelters about two miles south of Santa Rosa on Farm Road 506 were damaged by the high winds.									
Refugio Refugio Co.	18	5:51 a- 6:45 a	10	100	0	0	3	3	Tornado, funnels aloft
A tornado skipped along a path 10 miles long and about 100 yards wide from Refugio northeastward. Three homes in the north part of Refugio were damaged. A barn, shed, and other outbuildings were demolished on the Heard Ranch approximately nine miles north-east of Refugio. Several funnels were observed in the area, but									

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
TEXAS (Cont'd.) Refugio (Cont'd.)										only one was believed to have touched ground. One garage was destroyed in the extreme eastern part of Refugio. Property damage from the tornado was estimated at \$5,000, and crop damage estimated at \$1,000.
Smithville Bastrop Co.	18	6:55 a	short	narrow	0	0	3	0	Tornado	A tornado dipped down briefly in the southeastern section of Smithville devastating four houses as well as a considerable number of small outbuildings and trees. The tornado picked up the roof of the Virgil Fritz home and set it back down atop the house. The roof was heavily damaged as well as furnishings in the house. Mr. and Mrs. Billy Fritz said they watched the funnel swirl along the ground for a few seconds from their windows. Mr. Fritz said, "the tornado carried debris twisting inside the funnel, sheet iron, tree limbs, and even a couple of barrels." He said the tornado was picking up extensive amounts of water from the ground as it moved along. A boat was tossed from the front of the Billy Fritz home to the back yard, damaging it considerably. Fritz's hardware shop nearby received roof damage. In the 100 block of San Jacinto Street, the storm picked up 12 chicken coops and swirled them through the air. Many large limbs of trees were twisted off and carried for a city block or more. It is believed the tornado lifted and moved aloft across the northeast part of Smithville. In this section damage was chiefly confined to tree limbs and television antennas. Mrs. R. E. House, on Mills Street, reported hearing a loud roaring noise but did not actually see a funnel. The storm moved from south-southwest toward the north-northeast.
12 NE Austin Travis Co.	18	7:13 a- 7:16 a	short	narrow	0	0	0	0	Tornado	A small tornado touched ground briefly in open farm land about 12 miles northeast of Austin then immediately lifted back into the cloud. The storm moved in a north-northeasterly direction.
San Antonio Bexar Co.	18	morning	?	?	2	14	6	?	Torrential rains, flooding	Torrential rains exceeding six inches in some areas flooded San Antonio during the early morning hours, stranding dozens of persons in their homes, cars, and on roof tops, and causing considerable damage to property and roads. The Berg's Mill and Espada Mission area, and the city's West Side were among the areas hardest hit. Alazan Creek on the city's North Side was turned into a raging torrent, and dozens of cars were reported on their sides in the water. Cimos Creek, Salado Creek, San Pedro Creek, Mud Creek, and Alazna-Apache Creeks all left their boundaries. Several bridges were washed out or badly damaged. Shacks and shanty houses along the creeks were swept off their foundations. The Red Cross stated that about 50 or 60 families needed emergency service. Damage to Bexar County's gravel and unimproved roads was estimated at \$106,900. Fire Station No. 26 reported a 48-hour rainfall total of 7.50 inches, and a 24-hour total of 6.20 inches, ending at 7 a.m. on the 18th. Two lives were lost by drowning at low water droppings in the San Antonio area while 14 persons were injured. Property damage is estimated at \$1,000,000. The American Red Cross reported three houses destroyed, 21 suffered major damage, and 551 suffered minor damage.
5 S Rungo Karnes Co.	18	morning	?	?	0	0	2	0	Tornado	A small tornado cut a path across the farms of Ira Davidson, Warren Talk, Paul Kehler, and Milton Janssen, about five miles south of Rungo. At the Kehler home, several window panes were blown out and trees were damaged. On the Talk farm, trees were damaged, and the roof of a shed was blown off.
Near Nixon Gonzales Co.	18	12:00 p	short	narrow	0	0	3	0	2 tornadoes	A small tornado cut between farm homes owned by Zelma Caraway and Garret Mangum, Jr., about four miles north of Nixon in the Deville area. A chicken house was picked up off of the concrete foundation to which it was bolted and turned around. Several other small buildings were blown away. A second tornado touched ground briefly in open farm land about eight miles south of Nixon in Karnes County but lifted back into the cloud immediately without causing any damage.
Houston Harris Co.	18	12:30 p			1	2	0	0	Lightning	A 22-month old girl was killed when a bolt of lightning struck her home while she was sleeping near an open window. Her sister, 4, suffered burns over most of her body, and their mother suffered shock and minor burns.
SW Eldorado Schleicher Co.	18	4:45 p- 5:00 p							Funnel aloft	
H E Beeville Bee Co.	18	7:37 p							Funnel aloft	
5 NE New Braunfels Comal Co.	18	8:35 p							Funnel aloft	
10 N San Diego Duval Co.	18	10:15 p	?	200	0	0	3	?	Tornado	A tornado cut a path 200 yards wide across the Juan B. Gonzalez Ranch 10 miles north of San Diego. Three ranch buildings, several acres of corn, and fences and corrals were torn apart and scattered over a wide area. Several large mesquite trees were uprooted by the storm. Portions of the demolished barns were found a quarter of a mile away. The 5-room home of Mr. Gonzalez was not damaged although it was vibrating and shaking during the passage of the storm. The tornado traveled from west to east.
Near Fairview Wilson Co.	18	night	?	50	0	0	?	0	Tornado	A tornado cut a path about 50 yards wide through property owned by Nitch Hayden of Fairview. A windmill was blown over and four post oak trees, 2 1/2 feet in diameter were uprooted. The storm traveled in an easterly direction.
TEXAS (Cont'd.) Fort Isabel Cameron Co.	19	10:30 a- 11:45 a	?	?	0	1	4	0	Windstorm	Strong thunderstorm winds blew in a concrete and glass wall about 90 feet long of a new high school gymnasium in Fort Isabel. Damage was estimated at \$10,000. Some signboard damage occurred about one half mile northeast of the gymnasium. There was one minor injury at the gymnasium resulting from falling debris.
7 S Mathis San Patricio Co.	19	2:48 p							Funnel aloft	
7 N Alice Jim Wells Co.	19	3:15 p							Funnel aloft	
5 E Vernon Willbarger Co.	19	3:47 p	?	?	0	0	0	0	Tornado	A tornado touched ground on open farm land about five miles east of Vernon. There was no apparent damage.
5 E Seguin Guadalupe Co.	19	9:29 p							Funnel aloft	
10 W Beaumont Jefferson Co.	20	5:07 p- 5:10 p							Funnel aloft	
8 1/2 W Morton Cochran Co.	23	night	?	?	0	0	?	?	Hailstorm	Hail in a small area about 8 1/2 miles southwest of Morton destroyed between 600 and 700 acres of cotton that required replanting. This was on the Vernon Blackie farm. Cotton crops were severely damaged on the Ike Williams place, Richard Key farm, and Bob Polgado's fields. Hail was also reported about three miles west and three or four miles south of Morton. Hailstones were about 3/4 to one inch in diameter.
Odessa Ector Co.	25	2:40 p- 3:30 p	10	*3	0	0	4	0	Hailstorm	Hail averaging 3/4 inch in diameter, but ranging up to 1 3/4 inches in diameter, caused an estimated \$25,000 damage to property in the east part of Odessa. The damage was largely to roofs and shrubbery.
Crosbyton Crosby Co.	25	5:00 p	?	?	0	1	?	?	Hailstorm	Hailstones up to 1 3/4 inches in diameter shattered windows, cracked automobile windshields, and damaged roofs in Crosbyton. Crops were damaged in the surrounding area. The hailstones fell with enough force to bounce off pavement and sidewalks and break glass in service station windows. Storm doors and windows on the south side of numerous Crosbyton residences were shattered. Mr. Percy Carr was struck in the head by a hailstone. It caused a gash requiring stitches. Hail was reported at the Wayne Cornelius residence 10 miles northeast of Crosbyton with hailstones ranging up to 1 3/4 inches in diameter.
5 1/2 W Roaring Springs Motley Co.	25	5:00 p	10	50	0	0	2	0	Tornado	A tornado swirled through Motley County tearing down fences, splintering and uprooting mesquite trees, but apparently missing any houses or farm buildings. It traveled across Farm Road No. 68L about 5 1/2 miles west of Roaring Springs, moving in a northerly direction. As the tornado crossed U. S. Highway 70 west of Matador, it lifted back into the clouds.
Memphis Hall Co.	25	5:35 p- 5:55 p	20	*3	0	0	5	?	Hailstorm	Hailstones averaging 1 1/2 to 1 3/4 inches in diameter caused \$250,000 property damage in Memphis. Most of the damage was to roofs, with a few windows broken. Largest hailstones were two inches in diameter. Some young crops were lost in the path of the hailstorm which covered an area about three miles wide and 20 miles long.
10 S Big Spring Howard Co.	25	5:45 p							Funnel aloft	
H N Silver Mitchell Co.	25	7:00 p- 7:10 p	2	*200	0	1	5	?	Tornado	A tornado destroyed the Edward Parks home located about four miles northwest of Silver, and carried a 28,000 pound truck-tractor off State Highway No. 208 into a nearby field. The truck driver, Chester Brown suffered a broken leg, scratches, cuts, and bruises. Brown was traveling north on State Highway No. 208 about four miles north of Silver in a rainstorm. He was looking out of his truck window when he saw the tornado on the west side of the highway and alerted Mr. Woody Paul via radio, following immediately behind in another truck. Both tractors stopped their vehicles by the roadside just before the tornado struck. A two by four timber was hurled through the left side window of Brown's truck, but missed him. The big transport truck was then flipped upside down. Brown was banged against the passenger side door cutting a gash on his head. Then the truck was picked up again and during this flight Brown was thrown from the cab of the truck into the air. He was tossed 10 or 15 feet up into the air and could see the ground below when he looked down. He then hit the ground in a whirl and noted that he looked and could see the wheels of the truck and trailer up in the air at an estimated 20 feet in height. Brown landed some 50 yards off the road in the ranch pastureland. The truck-tractor was heavily damaged. The second truck and driver, following behind Brown were not touched. Several head of cattle were killed or injured by the tornado. Real property losses were estimated at \$75,000 and livestock losses at \$3500. The storm moved from southwest to northeast.
8 N Canadian Hemphill Co.	25	7:40 p	?	?	0	0	0	0	Tornado	Tornado moved along the ground in open ranch country north of Canadian without causing any damage.
15 SW Abilene Taylor Co.	25	8:33 p	?	?	0	0	0	?	Hailstorm	Hail, with largest hailstones 1 3/4 inches in diameter reported in area 15 miles southwest of Abilene. No known damage.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (Cont'd.) 20 NW Waco Hill Co.	26	11:00 a							Funnel aloft
Marlin Falls Co.	26	afternoon			0	2	0	0	Lightning Two high school students were hospitalized from injuries received when lightning struck a tree they were sitting under, on the school campus.
Wichita, Clay, Montague Counties	27	afternoon	60	?	0	0	7	?	Hailstorm, wind A devastating hailstorm caused massive property damage in a strip at least 60 miles long extending from Iowa Park in Wichita County southeastward through Wichita Falls, Henrietta, and Bowie in Montague County. Hail up to three inches in diameter and larger pounded roofs, automobiles, and shattered windows. Property damage in Wichita Falls was estimated at between five and six million dollars, up to three-quarters of a million in Henrietta, and three-quarters of a million in Iowa Park. Bowie had some roof damage. High winds at Bluegrove south of Henrietta unroofed some outbuildings and uprooted trees. In Wichita Falls and Henrietta, houses, churches, schools, and commercial buildings all reported window panes on the north and east exposures shattered. Automobile windshields were knocked out. In Wichita Falls, heaviest damage was reported in the western and southwestern sections, in Rivercrest, Fountain Park, University Park, Country Club, and Eggenore. The slate roof of the Fain Memorial Presbyterian Church was a total loss. Thirty windows on the north side of the church were out, as were 50 panes of stained glass. Crop losses were estimated at 75 to 100 percent three miles southwest of Iowa Park and also two miles southeast of town. The peach crop in the Montague area was estimated 80 to 85 percent destroyed. Truck gardens were also hard hit.
Lockett Wilbarger Co.	27	afternoon	?	?	0	0	?	?	Hailstorm Hail inflicted an estimated 50 percent loss to crops in the Lockett community southwest of Vernon. Most of the damage was to ripening wheat.
Runnels Co.	27	5:30 p-6:00 p	20	*5	0	0	?	?	Hailstorm, wind, rain Hail and high winds caused considerable damage to homes, buildings, and crops in Runnels County from the Norton and Maverick communities in the western part of the county southeastward to Ballinger. Crop damage appeared heaviest in the Norton and Maverick communities where hailstones averaged two inches in diameter. Largest hailstones were 2 1/2 inches in diameter. Unofficial amounts of 3/4 inches of rain fell in less than an hour. Hail in Ballinger averaged 1 1/2 inches in diameter with largest stones two inches in diameter.
Tyler Smith Co.	27	7:30 p-7:45 p	5	*3	0	0	4	?	Hailstorm Hail averaging one inch in diameter completely covered the ground in Tyler. Largest hailstones were 2 1/2 inches in diameter. An estimated 150 to 200 houses were expected to have some roof damage. Damage was mostly in the west, northwest, central, and east portions of the city. Total property damage was estimated at \$50,000.
Dallas Co.	27	7:30 p-10:00 p	?	?	0	0	6	5	Windstorm, hail, rain, lightning Severe thunderstorm winds and hail raked the northern part of Dallas County causing heavy damage to property and crops. Hardest hit was Addison Airport where winds were estimated unofficially at 100 miles per hour. Doors were blown off hangars, some landing one-half mile away. About twenty-five airplanes were flipped over and damaged. All the windows in the airport control tower were blown out. The second floor ceiling of the TexSun-Beechcraft North, Inc. building was destroyed. Roof, window, utility line, and tree damage was extensive in North Dallas, Plano, Carrollton, Richardson, and Garland. Hailstones averaged about one inch in diameter, but stones 2 1/2 inches in diameter were reported in Garland. Wheat, corn, oats, and cotton crops were extensively damaged. Property damage was estimated at \$600,000 from wind, \$125,000 from hail, \$50,000 from rain, and \$25,000 from lightning. Crop damage from wind was estimated at \$150,000; damage from hail at \$85,000, and from rain, \$15,000.
Cooke and Denton Counties	27	evening	?	?	0	0	?	?	Hailstorm, wind Chunks of ice described as "four inches across" pounded an area south of Valley View in Cooke County southward through Sanger and Denton in Denton County. Winds were estimated in excess of 60 miles per hour. An area of farmland south of Valley View and west of Sanger seemed hardest hit. Hailstones 1 1/2 to 1 3/4 inches in diameter almost covered the ground at Valley View. Hailstones as large as baseballs were reported three miles south of Valley View. West of Sanger trees were stripped completely of leaves and gardens were described as looking like chopped lettuce. Some farmers lost all wheat crops. Cotton and maize were also damaged.
Hunt Co.	27	8:00 p-9:00 p	20	*10	0	0	5	5	Windstorm, hail, heavy rain A violent windstorm cut a path 10 miles wide and 20 miles long through Hunt County. Caddo Mills and the extreme southern sections of Greenville caught the brunt of the storm. Extensive damage was also reported in and around Royse City and the Josephine, Cash, Wagner, Floyd, Concord, and Meadow View communities. The storm moved from just south of Farmersville through Caddo Mills and south of Greenville, then eastward to Lake Tawakoni. Power and telephone lines were downed throughout the area. Heavy damage was reported at Carden Trailer Rental, 7115 Wesley Street, and Greenville Boat and Sales, 7015 Wesley Street, in Greenville. The town of Caddo Mills apparently
TEXAS (Cont'd.) Hunt Co. (Cont'd.)									suffered more damage than any other community in the area. High winds unroofed two new homes in the new Johnson Addition in the southeast corner of Caddo Mills and the other seven homes in the addition suffered some damage. The roof of the Fayne Furniture and Appliance Store storage building was severely damaged. Minor home, tree, television antennae, and sign damage occurred throughout the town. Two service stations on Interstate 30 at FM Road 1903 were unroofed. Hail and heavy rain accompanied the storm. An estimated 1000 acres of cotton were badly damaged. Property losses were estimated at \$260,000 of which \$200,000 was from wind, \$10,000 from hail, and \$50,000 from rain. Crop losses were estimated at \$250,000 of which \$100,000 was from wind, \$50,000 from hail, and \$100,000 from rain.
6 E Dalhart Dallam Co.	27	10:05 p-10:11 p							Funnel aloft
Delta Co.	27	night	?	?	0	0	?	?	Hailstorm Hail, covering most of Delta County, severely damaged crops in several sections. The heaviest damage where several hundred acres were completely wiped out was in the western section of the county including the Gough community. Hailstones up to two inches in diameter and unofficial totals of 2 1/2 to 3 1/2 inches of rain fell during the storm. The area most severely damaged was about a mile wide beginning at the Delta-Hunt county line near Yowell, continued through Gough to R. W. Hurt's farm, then skipped to Doctors Creek and from there came into the northwest edge of Cooper city limits, ending north of Cooper. Growers and processors of Vetch, one of the county's better cash crops, have estimated that less than 50 percent of the potential crop can be salvaged. Cotton, grain, and corn were also badly damaged.
15 WSW Lufkin Trinity Co.	28	9:50 a							Funnel aloft
Ilano Co.	28	11:30 a	?	?	0	0	?	?	Hailstorm Hailstones up to 2 1/2 inches in diameter fell on the Crabapple Ranch on Sandy Creek in southern Ilano County. There was no apparent damage.
Mexia Limestone Co.	28	morning	?	?	0	0	?	?	Hailstorm, wind, rain A thunderstorm dumped rain and hail on the Mexia area causing heavy damage to fruit trees, gardens, and field crops. Peach growers reported heavy damage from the hail, and some fruit was blown off the trees. The heaviest hail damage appeared to be in the vicinity of the C. P. Anan farm about three miles east of Mexia. Corn in the area was shredded and peaches knocked off the trees.
5 SW Fabens El Paso Co.	30	afternoon	?	*5	0	0	0	?	Hailstorm Hail caused about 50 percent damage to crops on 320 acres on the W. A. Rawls Farm about five miles southwest of Fabens. The damaging hailstorm was about five miles wide, extending across the Rio Grande into Mexico. Heavy hail damage was also reported at Sierra Blanca in the southern part of the county.
UTAH									None reported
VERMONT									None reported
U.S. VIRGIN IS.									None reported
VIRGINIA Chesterfield County	23	Aftn.			0	1	3		Lightning Several lightning strikes were reported as scattered thunderstorms moved across central and south central Virginia. Fires at two cabins in Chesterfield County were started by lightning with one occupant receiving minor burns.
Roanoke County	25	5:45-7 PM					*4	C	Rain, hail & wind Flash flood in western sections of county destroyed interior of Supper Club at Dixie Taverns, and heavily damaged the taverns' ticket office, souvenir shop, and store house. Flood resulted from heavy rain in excess of 1 inch overflowing ravine on south side of Fort Lewis Mountain. Hail did some damage to crops and high winds uprooted a few trees and damaged a few roofs in Roanoke and surrounding counties.
Norfolk	26	Aftn.			1	0			Lightning Boy struck and killed by lightning as a thunderstorm moved across the northeast section of the city.
WASHINGTON Entire State	15-16				1		4		Wind. Strong southwesterly winds following the passage of a frontal system across the State on the 15th and early morning of the 16th resulted in minor property damage in several localities. The annual sail boat race around Vashon Island in Puget Sound was in progress during this period. Several sail boats were damaged by the wind and waves. One life was lost when one of the boats sank.
WEST VIRGINIA Southern Nicholas County	8	Unknown			1	0	2	0	Lightning A girl was struck by lightning in Carl, while standing under a light fixture on a front porch.
Huntington	10	5:30 p.m.			0	0	3	0	Thunderstorm winds and flash flood. The Huntington airport at Ceredo received only .35 inch of rain from this cloudburst centered in the city itself.

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1965

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	
WEST VIRGINIA (Cont'd.)									
Martinsburg	16	5:30 p.m.			0	0	2	0	Lightning
		Many power outages caused by lightning hitting transformers.							
Barboursville, near Huntington	25	9:00 p.m.			0	0	2	0	Thunderstorm winds
Ohio and Marshall Counties	27	1 to 2:00 a.m.			0	0	3	0	Lightning
		Fire started by lightning destroyed a house in Moundsville. Many power outages caused by this violent squall line.							
WISCONSIN									
Antigo	3	8:00 AM							Hail
		3/4" in diameter							
Milwaukee 20 SE	4	Noon							Waterspout
		Over Lake Michigan							
Burnett County	5	8:15 PM	15	100	0	0	4	0	Tornado
		Began 5 miles west of Granteburg and traveled to northeast.							
LaCrosse County	5	8:20 PM	16	200	0	1	5	0	Tornado
		Apparently originated in northern Iowa near Minnesota border. Entered Wisconsin 5 miles north of LaCrosse Airport traveling to northeast to extreme northeast corner of LaCrosse County.							
Eau Claire 18 SW	5	9:22 PM							Funnel
Barron County	5	11:30 PM	4 1/2	100-500	0	0	4	0	Tornado
		Began 5 miles northwest of Cumberland and traveled to NE.							
Washburn County	7	8:40 AM	1	15	0	0	5	0	Tornado
		Traveled to east-northeast. Took roof off school in which 300 students were sheltered.							
Beloit	7	5:40 PM							Funnel
Eau Claire	7	Mid-night							Hail
		3/4" to 1" in diameter.							
Hudson	7	12:25 PM							Hail
		1 1/4" in diameter.							
Waukesha County	8	1:15 PM			0	0	5	0	Tornado
		Touched down momentarily.							
Milwaukee	8								Funnels
		30 miles south at 1:25 PM; 7 miles northwest at 1:28 PM; 2 miles west at 1:21 PM							
Milwaukee	9								Funnel
		East of Milwaukee over Lake Michigan before 9:00 AM.							
Iowa-Dane Counties	15	6:35 PM			0	1	4	0	Tornado
		Touched down 5 miles southeast of Dodgeville and 7 miles west of Madison.							
Fond du Lac County	15	9:00 PM	3/4	150	0	0	4	0	Tornado
		In town of Marshfield near Wolf Lake.							
Eau Claire	15	11:32 AM							Hail
		3/4" in diameter							
Xenosha 17 W	15	8:37 PM							Funnel
Milwaukee 30 NW	15	8:48 PM							Funnel
Milwaukee	15	9:10 PM							Funnel
Eau Claire County	24	11:52 PM	1/8	25	0	0	3	0	Tornado
		Touched down 2 miles northwest of Eau Claire.							
Sauk County	25	11:36 PM	1/4	50	0	3	4	0	Tornado
		Near Reedsburg, traveled to the southeast.							
Rice Lake	31	7:35 PM							Hail
		3/4" in diameter.							
WYOMING									
Cheyenne	8	0:12 a.			0	0	*1	C	Hail
		Some hail measuring up to 1 1/4" with little damage.							
Central, east and northeast Wyoming	8,9				0	0	*5	C	Heavy snow
		Heavy wet snow, 1 to 2', caused damage to trees and crops throughout area; it was especially damaging to sheep herds.							
Central Wyoming	13, 14, 15				0	0	*5	C	Heavy rains
		Heavy rains, especially in the central mountains, on top of the heavy snow of the 8th and 9th caused flash flooding on streams flowing out of the Taramie mountains between Wheatland and Casper. Damage to Bridges, roads, crops and housing was especially heavy from Blendo through Douglas to Glenrock.							
Torrington	23	1:15 p.	?	?	0	0	4	0	Tornado
		A small tornado touched down in a mobile homes sales lot.							
Cheyenne	23	1:13 p.							Funnel aloft
		A funnel cloud about 5 miles east of Cheyenne was observed for about one minute - did not touch ground.							
Casper	24	9:30 a.							Funnels aloft
		Highway patrol reported a funnel cloud just northeast of Casper, and another about ten miles east of Casper - did not touch ground.							

° 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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