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# STORM DATA

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Asheville, N.C.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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	PROPERTY	CROPS	
ALABAMA	SEE END OF TABLE										
ALASKA	NO STORM DATA REPORT RECEIVED FOR THIS STATE										
ARIZONA	NONE REPORTED										
ARKANSAS											
Fort Smith, Sebastian County	1	2:18 p.									Funnel clouds
	Funnel clouds reported over Fort Smith and 5 miles southwest moving northeast 25 to 30 miles per hour. Not observed to touch down.										
Near Hector, Pope County	2	Afternoon									Funnel cloud
	Resident saw funnel cloud and took refuge in storm cellar. Some light wind damage to house but funnel not believed to have caused damage.										
Zion, Izard County	2	5:45 p.	1/5	35	0	0	4				Tornado
	Tornado touched down briefly destroying one residence.										
Ash Flat, Sharp County	2	6:05 p.									Funnel cloud
	Funnel cloud sighted 2 miles south of Ash Flat moving northeast.										
Hardy, Sharp County	2	6:20 p.									Funnel cloud
	Funnel cloud sighted just east of Hardy moving northeast.										
Springdale, Washington County	2	10:15 p.			0	0	0	0			Wind and rain
	Strong wind accompanied by heavy rain ripped off roofs of buildings and blew down trees and power lines. A drug store and music store extensively damaged. Baled hay left in field damaged by rain.										
Bonnerdale, Hot Spring County	3	1:30 p.									Funnel cloud
	Funnel cloud seen near Bonnerdale. Movement unknown.										
Southwest of Hot Springs, Garland County	3	1:41 p.									Funnel cloud
	Funnel cloud reported 15 miles southwest of Hot Springs on Highway 70. Movement unknown.										
Fayetteville, Washington County	4	9:55 p.									Funnel cloud
	Funnel cloud aloft sighted six miles west of Fayetteville moving east; 30 miles per hour.										
Corning, Clay County	5										Funnel cloud
	Funnel cloud aloft over eastern portion of Corning moving east.										
Highland, Pike County	13	2:30 p.			1	0	0				Lightning
	One person killed when struck by lightning while walking in open field.										
Little Rock, Pulaski County	14	1:30 p.			0	0	3				Lightning
	Lightning set fire to residence in western Little Rock.										
Eastern Pulaski County	14	1:40 p.			0	0	3				Wind
	Strong wind overturned one mobile home and blew another off its foundation 10 miles east of North Little Rock.										
Blakely Mountain area, Garland County	16	8:40 p.									Funnel cloud
	Funnel cloud reported by public near Blakely Mountain Dam. Movement was to the east at 45 miles per hour.										
Texarkana area, Miller County	16	9:12 p.									Funnel cloud
	Funnel cloud sighted 5 miles northeast of Texarkana Airport moving east about 30 miles per hour.										
Greenbrier, Faulkner County	16	9:20 p.									Funnel cloud
	Funnel cloud reported by public over Greenbrier moving eastward at 45 miles per hour.										
Tull, Grant County	16	9:20 p.									Funnel cloud
	Funnel cloud reported by public over Tull. Movement was to the east estimated 35 to 40 miles per hour.										
Jacksonville area, Pulaski County	16	9:45 p.									Funnel cloud
	Funnel cloud reported as tornado 10 to 15 miles northeast of Little Rock. Apparently did not touch down. Moved to the north-east at 35 to 40 miles per hour.										
Springdale, Washington County	16	10:15 p.			0	0	3				Wind
	Strong wind demolished one turkey house and blew sections of roofs from others.										
ARKANSAS (continued)											
Russellville area, Yell and Pope Counties	18	11:39 p. to 11:50 p.									Funnel clouds
	Funnel clouds sighted near Piney and between Russellville and Dover. Movement was to the southeast.										
Morrilton, Conway County	19	12:35 a.									Funnel cloud
	Funnel cloud reported by public near Morrilton. Movement unknown.										
Gun Log Community, Pope County	19	1:30 p.			0	4	3				Wind
	Strong wind overturned 2 mobile homes injuring 4 persons. One mobile home was destroyed by fire after being overturned.										
Newport area, Jackson County	19	3:10 p.			0	0	4				Wind
	Strong winds blew roof off a house, damaged a number of portable buildings, blew down numerous business and service station signs, uprooted some trees, and blew down numerous limbs. Car blown off road causing accident. Winds estimated 60 to 70 miles per hour by local law enforcement official.										
West Memphis, Crittenden County	19	4:50 p.									Funnel cloud
	Funnel cloud reported by police at West Memphis. Movement was to the northeast.										
Bassett, Mississippi County	19	5:05 p.			5	7	4				Wind and Dust
	Strong winds caused dust from plowed field to reduce visibility to zero on a section of Interstate Highway 55 near Bassett. A chain reaction crash involving 16 vehicles resulted.										
Northern Hempstead County	19	6:00 p. to 6:15 p.									Funnel cloud
	Three sightings of funnel cloud reported from 2 miles east of Nashville to east of Ozon. WSO radar indicated heavy thunderstorm that area.										
CALIFORNIA											
NORTHERN & CENTRAL Linden, San Joaquin County	27	10:28P									Funnel cloud aloft
	Pilot reported one funnel cloud aloft 5 miles northeast of Linden.										
CALIFORNIA SOUTHERN	NO STORM DATA REPORT RECEIVED FOR THIS AREA										
COLORADO											
Kit Carson County	2	3:15p.			0	0	3	3			Hail
	Hail $\frac{1}{2}$ to $\frac{3}{4}$ inch diameter fell 5 mi. north of Burlington.										
Montrose County	4	afternoon			0	0	3	4			Hail, lightning
	Hail up to $\frac{3}{4}$ inch diameter damaged fruit and vegetable crops in the Uncopahgre Valley. Several livestock were killed by lightning in the storm.										
Eastern Portion	11	afternoon and eve			0	0	4	5			Hail, rain
	Hail damage was reported in Boulder, Lincoln, Pueblo and Weld Counties. All crops were destroyed in a strip 6 to 8 mi. wide about 15 mi. SSW of Hugo at 2:00 p.m. and hail accumulation up to 15 inches deep wiped out crops near Ault about 7:00 p.m. Largest stones were $\frac{1}{2}$ to 1 $\frac{1}{4}$ inches diameter near Nederland about 3:30 p.m. Flash flood damage occurred near Eaton.										
Weld County	11	10:00p.			0	0	3	4			Hail
	Hail $\frac{1}{2}$ to 3 inches diameter fell at Brover northwest to the Wyoming line.										
Denver, Jefferson Counties	13	afternoon			0	0	3	3			Hail, rain
	Hail $\frac{1}{2}$ to $\frac{3}{4}$ inch diameter fell locally in Lakewood about 1:45 p.m. and heavy rains caused brief flash flooding in the west Denver area near mid-afternoon.										
Weld County	14	11:20-11:50a.			0	0	3	3			Hail, funnel aloft
	A funnel aloft was reported near Greeley 11:38 to 11:42 a.m. Hail up to $\frac{3}{4}$ inch diameter fell in the Kersey-Greeley area from 11:20 to 11:50 a.m.										
Larimer County	18	morning			0	0	5	0			Wind
	High winds in the Ft. Collins area in the morning caused damage to power lines, mobile homes and traffic lights. Over \$50,000 damage to boats occurred at Horseshoe Reservoir west of Ft. Collins										

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					KILLED	INJURED	PROPERTY	CROPS	
<b>COLORADO (continued)</b>									
Douglas County	28	afternoon							Two funnels aloft
									A funnel aloft was reported about 10 mi. NE of Monument 1:30 to 1:38 p.m. Another funnel aloft occurred in the Sedalia-Castle Rock area at 1:30-1:35 p.m.
Pueblo County	28	mid-aftn			0	0	4	0	Hail, rain, lightning
									Locally heavy rain and hail up to 3/4 inch diameter caused light damage in the Pueblo area. Some lightning damage to power lines was also reported from that area.
Logan County	29	7:20p.							Funnel aloft
									A funnel aloft was reported about 25 mi. NW of Sterling.
<b>CONNECTICUT</b>									
Watertown	12	5:00 p.	1 1/2	25	0	0	1	0	TORNADO
									Trees twisted and blown down. One auto moved 100 feet.
Canton	28	2:45 p.	1/4	25	0	1	3	0	Tornado
									Portion of roof peeled from new high school building, minimal tree damage.
Salisbury	29	10:40 a.	3	75	0	0	3	0	Tornado
									Damage restricted to trees.
<b>DELAWARE</b>									
Delaware City	4	11:00 p.			0	0	4		Lightning
									Lightning destroyed church steeple and set fire to a barn.
Massey's Landing	22	12:30 p.			1	0	0		Thunderstorm
									Fisherman struck by lightning in a boat while attempting to return to dock.
New Castle County	28	2:50 p.			0	0	0		Tornado
									Spotted by Weather Service Office observer approximately 10 miles northwest of Wilmington. No reports of damage or injuries.
Rockessin.	28	3:30 p.			0	0	0		Funnel aloft
									Reported by State Police.
<b>FLORIDA</b>									
ST. PETERSBURG, PINELLAS CO.	2	6:00 PM	1/5	10	0	0	4	0	TORNADO
									A SMALL TORNADO OR WATERSPOUT STRUCK THE O'NEILL'S SKYWAY BOAT BASIS CAUSING ABOUT \$10,000 DAMAGE TO THE DOCKS, BUILDINGS AND SMALL BOATS.
CAMPBELLTON, JACKSON CO.	14	4:00PM			1				LIGHTNING
									A 17 YEAR OLD YOUTH WAS WORKING IN A METAL STORAGE BIN AND WAS ELECTROCUTED WHEN LIGHTNING STRUCK THE BUILDING.
ZEPHYRHILLS, PASCO CO.	15	3:56 PM	1/5	10	0	0	3	0	TORNADO
									A SMALL TORNADO TOUCHED DOWN BRIEFLY DESTROYING ONE MOBILE HOME WHICH WAS UNOCCUPIED AT THE TIME. DAMAGE WAS ESTIMATED NEAR \$5000.
FORT WALTON BEACH, OKALOOSA CO.	19	AFTERNOON			1				LIGHTNING
									A 38 YEAR OLD MAN WAS STRUCK BY LIGHTNING AS HE WAS PULLING HIS BOAT FROM CHOCTAWHATCHEE BAY ONTO A TRAILER.
CORAL GABLES, DADE, CO.	23	1:30 PM	1/5	10	0	0	2	0	TORNADO
									A SMALL TORNADO TOUCHED DOWN BRIEFLY IN WESTERN CORAL GABLES WITH MINOR DAMAGE ESTIMATED LESS THAN \$500.
<b>GEORGIA</b>									
Brunswick	2	12:15 p.							Funnel Cloud
									Reported 8 miles north-northeast of Brunswick moving toward southeast about 5 mile per hour.
St. Marys	2	1:55 p.							Waterspouts
									Reports 2 waterspouts 35 miles northeast of St. Marys moving northward.
Hall and Gwinnett County	5	4:30 p.							Funnel Cloud
									Report of several funnel clouds moving northeastward about 25 miles per hour. None observed to reach ground.
<b>GEORGIA (continued)</b>									
Monroe	5	6:30 p.	Short	Narrow	0	0	4		Tornado
									Touched down 8 miles north of Monroe. Several trees blown down and some damage to a building.
Lavonia	5				0	0	5	C	Wind and heavy rain
									Strong winds accompanied by heavy rains caused considerable property damage. Giant pecan trees were uprooted by the winds.
Fulton, Dekalb and Clayton Counties	6				0	0	5	C	Heavy rain, winds and electrical
									Heavy rains caused small streams to overflow. Considerable flooding of low lying areas. A number of homes and cars were flooded especially North Atlanta area. Some tree damage from strong winds. Lightning knocked off electrical power in scattered areas.
Macon	6	4:25 p.							Funnel Cloud
									Reported 7 miles south of Macon moving northeast 15 miles per hour.
Cedartown	6	Morning			0	0	5		Windstorm
									Strong freak winds collapsed roof of large supermarket.
Chatham County	11	Afternoon Evening			0	0	5	C	Heavy rain
									Heavy rains combined with a high tide caused major flooding and the evacuation of families in several parts of Savannah and Chatham county. A number of streets and highways were impassable in the Savannah area. Several Savannah businesses were flooded.
Morgan, Bartow Haralson Counties	15	5:00 p.			0	0	4	C	Wind, rain, electrical
									Severe thunderstorms toppled trees, damaged buildings and caused some local flooding. Fire from lightning strike gutted home in Tallapoosa
Warner Robins Centerville	17	5:00 p.			0	0	4	C	Electrical
									Home nearly destroyed by fire resulting from lightning strike.
<b>HAWAII</b>									
10 miles SW of Kailua-Kona, Hawaii Island	10	5:50p.							Waterspout
									Waterspout extending to ocean surface reported by charter boat Captain.
<b>IDAHO</b>									
North, Central, Southwest, South Central	22-23	p.m.			0	4	4		Wind, Lightning
									A squall line moved through State from North to South Central causing downed trees, power outages, farm buildings unroofed or demolished, irrigation pipes scattered. Lightning caused brush fires in north and southwest. Wind gusts at 63 m.p.h. at Boise damaged 7 buildings of lumber transport company; motorcycle rider blinded by dust crashed into vehicle. Near Gooding construction worker hit in head by flying board. Mobile home being transported overturned on highway near Twin Falls. Camper and trailer overturned on I-80 near Burley, 2 injured.
Southeast Idaho, Jefferson and Madison Counties	29	5 p.m.			0	0	2	5	Rain and Hail
									Heavy rain and hail 1/2 to 1 inch size caused heavy damage to hay and grain crops and cut hay in fields. Hail broke house windows and pickup windshield.
Near Rupert, Minidoka County	29	8 p.m.			0	0	4		Wind
									Sections of metal roof torn from potato storage building, trees uprooted, power outage.
<b>ILLINOIS</b>									
Mc DONOUGH COUNTY	2	2:30pm	?	?	0	0	?	?	WINDS
									high winds damaged a mobile home and destroyed a large barn and machine shed near Mc Comb.
METCALF 29 miles SE of CHAMPAIGN	2	3pm	?	?	0	0	?	?	TORNADO
									tornado touched down briefly in open country SE of Metcalf damaging a corn crib. Storm moved north.
BUSHNELL 33 miles ESE of BURLINGTON IOWA	2	3:45pm	?	?	0	0	?	?	TORNADO
									tornado touched down near town resulting in some power lines down.
JACKSON and WILLIAMSON COUNTIES	2	5:30-6pm	-	-	0	0	0	0	FUNNEL CLOUDS
									funnel clouds spotted 5 miles south of Murphysboro, 2 miles south of Carbondale and near Carterville. Storm generally moved northeast.
HERRIN 8 miles NE of CARBONDALE	2	6:30pm	?	?	0	0	5	?	TORNADO & WINDS
									tornado dipped down briefly in SE portion of town destroying 14 trailers and damaging 20 others. Roofs blown off of business establishments and many homes. Storm moved northeast.

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<b>ILLINOIS (continued)</b>									
CANTON 17 miles WSW of PEORIA	7:15pm	?	?	?	0	0	?	?	TORNADO
storm sighted 3 miles east of town moving northeast. No damage reported.									
CUBA 26 miles WSW of PEORIA	8:26pm	?	?	?	0	0	?	?	TORNADO
tornado touched down on north side of town damaging several homes, barns and garages.									
PRARIE CITY 30 miles ESE of BURLINGTON IOWA	8:38pm	?	?	?	0	0	4	7	TORNADO
tornado moved north over east side of town. Several homes were lifted off their foundations, 2 mobile homes damaged beyond repair, and numerous homes damaged mainly by flying debris. Storm also produced extensive damage at a farm north of town.									
MORGAN COUNTY	10:45am	?	?	?	0	0	?	?	TORNADO
tornado touched down at a farm 1 mile east of Meredosia destroying a barn and garage. Storm moved northeast. Also some storm damage at a farm near Arzenerville.									
RANKIN 30 miles NE of CHAMPAIGN	NOON-3pm	-	-	-	0	0	4	?	RAIN
amounts up to 5 inches created flood damage in the town.									
TOWANDA 36 miles NW of CHAMPAIGN	2:15pm	?	?	?	0	0	4	?	WIND
winds up to 60 mph damaged several homes with one house twisted on its foundation.									
CHARLESTON 37 miles of CHAMPAIGN	6:20pm	1/4	?	?	0	0	?	?	TORNADO
tornado touched down at two separate farms near town. First touchdown was 3 miles west of town where a barn was destroyed. Second touchdown destroyed 2 grain bins, farrowing house and machine shed. Storm moved northeast.									
EFFINGHAM, WASHINGTON, MARION & LAWRENCE COUNTIES	EVENING	?	?	?	0	0	?	?	WIND
thunderstorm winds caused power lines down in numerous localities causing outages lasting several hours. High winds destroyed a machine shed at farm 4 miles south of Lawrenceville.									
FRANKLIN COUNTY	EVENING	20	?	?	0	0	?	?	TORNADO
tornado was tracked from Royalton to Thompsonville, but stayed in open country with no major damage or injuries reported.									
LEROY 15 miles SE of BLOOMINGTON	8pm	8	?	?	0	0	4	?	TORNADO
funnel cloud first touched down 8 miles northwest of town then moved southeast and touched down several times before reaching town causing damage to several private homes and 2 business firms. Included was a mobile home totally destroyed.									
<b>NORTHERN ILLINOIS</b>									
HOFFMAN ESTATES (NW CHICAGO SURBUB) & KANKAKEE	AFTERNOON & EARLY EVENING	-	-	-	2	0	?	?	WIND, RAIN, LIGHTNING, SEICHE
waves of thunderstorm activity moved eastward across northern Illinois. Winds upwards of 60 miles an hour caused trees and power lines down and minor damage to homes and business in numerous localities. At Harvard (25 miles SE of Janesville) high winds destroyed 2 small aircraft, toppled trees and limbs caused \$7000 worth of damage to a farm near Harvard. Rains 3 to 6 inches in Iroquois, Livingston and Kankakee counties washed out roads, flooded streets and basements. Vermillion river waters flooded parks near Pontiac (44 miles SSW of Joliet). Two persons were killed by lightning, one in Chicago, the other in a northwestern suburb. Hailstorms 2 inches in diameter briefly fell at Freeport (24 miles NW of Rockford) with golfball size hail occurring at other scattered locations but no apparent damage or injuries reported. Thunderstorms generated a seiche in southern Lake Michigan with rises up to 3 feet in Chicago Belmont Harbor.									
NORTHERN ILLINOIS	LATE AFTERNOON & EARLY EVENING	-	-	-	0	0	?	?	FUNNELS
funnel clouds sighted at Peru, Hampshire, Oak Forrest, Streamwood, Lombard, near Joliet, and Streator. Some buildings under construction damaged in Streator due to funnel.									
<b>CENTRAL ILLINOIS</b>									
GRANITE CITY 11 miles ESE of ST. LOUIS	1:1am	?	?	?	0	0	?	?	TORNADO
tornado ripped off a roof of a house but left nearby auto untouched.									
<b>ILLINOIS (continued)</b>									
17 miles North of CARBONDALE	2:40am	?	?	?	0	0	?	?	TORNADO
tornado touched down briefly in open field.									
TASWELL COUNTY	FORENOON	-	-	-	0	0	?	?	WINDS
high winds in southern part of country, especially near Spring Lake area, uprooted trees and caused damage to a few homes.									
CUBA 26 miles WSW of PEORIA	2pm	?	?	?	0	0	?	?	TORNADOES
tornado dipped down in open field with no damage indicated									
WOODFORD COUNTY	AFT	6	?	?	0	0	5	?	TORNADO
tornado sighted near Roanoke tore off a roof from a shed and moved NE towards Benson where it struck the top of a grain elevator.									
SOUTHERN ILLINOIS & CENTRAL ILLINOIS	LATE AFT & EVENING	-	-	-	0	0	?	?	WIND, RAID, FUNNELS
heavy thunderstorms plagued central and southern portions of the state with widespread minor damage mainly fallen trees and power lines downed. Hardest hit areas were Clay city (37 miles ESE of Vandalia) and also much of Marion and Effingham counties. Winds of 60 to 70 mph were also recorded at Belleville and East St. Louis. Rains of 2-5 inches in Central Illinois compounded problems of farm field operations. Several funnels sighted in widespread areas during the afternoon and evening hours with no damage or injuries received.									
<b>INDIANA</b>									
Plainfield-Brownsburg area, Hendricks County	4:55 p								Funnel aloft
Two funnels moving northeast.									
Delphi area Carroll County	4:28 p				0	0	5	C	Wind
Destroyed hangar at Delphi Airport and damaged 6 airplanes.									
Terre Haute area Vigo County	5:48 p	1/4	40	0	0	5	C		Tornado
Damage to trees, power lines and minor damage to houses.									
Pt. Wayne area Allen County	6:00 p								Funnel aloft
Indianapolis area, Marion and Hancock Counties	7:16 p	30	20	0	0	4	C		Tornado
Was funnel aloft in Indianapolis area, but touched down 30 miles northeast near McCordsville in Hancock County and damaged house and barn.									
Carmel area Hamilton County	7:27 p								Funnel aloft
Anburn area DeKalb County	8:00 p	1	20	0	1	4	C		Tornado
Man injured when trailer hose overturned.									
Portland area Jay County	8:57 p				0	0	4	C	Tornado
North of Louisville Clark County	1:30 p				0	0	3	C	Wind
Lafayette area Tippecanoe County	1:50 p				0	0	3	C	Wind
Columbia City area Whitley County	2:12 p								Funnel aloft
North of Ft. Wayne Allen County	2:20 p								Funnel aloft
Garrett area DeKalb County	2:50 p	1/10	20	0	0	3	C		Tornado
Brief touchdown 5 miles southwest Garrett.									
Leo area Allen County	3:00 p								Funnel aloft
Shelbyville area Shelby County	3:40 p	15	80	0	0	4	C		Tornado
Several trees felled on cars.									
North of Lafayette Tippecanoe County	4:00 p								Funnel aloft
Between Berns and Geneva, Adams County	8:07 p								Funnel aloft
Spencer area Owen County	8:35 p								Funnel aloft
Northeast Brown County	8:40 p								Funnel aloft

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INDIANA (continued)									
Elmington area Monroe County	4	8:52 p			0	0	3	C	Wind
Eastern Indianapolis Marion County	4	10:23 p	1/16	20	0	0	3	C	Tornado An auto was reported turned around.
Starlight area Clark County	4	11:30 p							Funnel aloft
Crown Point, Munster area, Lake County	5	6:20 p							Funnel aloft
Flint Lake area Porter County	5	6:30 p							Funnel aloft
Griffith area Lake County	5	6:35 p							Funnel aloft
Lacoma area Harrison County	5	7:15 p							Funnel aloft
Romey area Tippecanoe County	12	10:45 a	1/16	20	0	0	4	C	Tornado Damaged power lines and trees.
Peru area Miami County	12	11:15 a							Funnel aloft
Dayton area Tippecanoe County	12	11:29 a	1/16	20	0	0	1	C	Tornado Open field touchdown.
Near Cicero Hamilton County	12	12:00 n							Funnels aloft
Point Isabelle area Grant County	12	12:00 n	1/10	30	0	0	3	C	Tornado Numerous trees and limbs downed.
Rigdon area Madison County	12	12:20 p	?	?	0	0	4	C	Tornado
Bryant area Jay County	12	1:20 p							Funnel aloft
Pine Village, Oxford area, Warren and Benton Counties	12	4:00 p	2	50	0	0	4	C	Tornado Tornado moving northeastward damaged barns, outbuildings and trailer on 4 farms.
Grissom Airport Miami County	12	7:30 p			0	0	1	C	Wind
Elwood area Madison County	12	8:32 p							Funnel aloft
Grant, Blackford, Madison and Delaware Counties	12	Evening							Funnels aloft All these counties reported funnels aloft from about 8:30 p to 9:30 p. No touchdowns.
Evansville area Vanderburgh County	13	5:05 p							Funnels aloft
Kouts area Porter County	16	1:35 p							Funnel aloft
NW Marshall County	16	1:45 p							Funnel aloft
Winamac area Pulaski County	16	2:12 p	1	50	0	0	5	C	Tornado
Lapas area Marshall County	16	2:15 p							Funnel aloft Moving southeast.
Sheridan area Hamilton County	16	4:00 p to 4:30p							Funnels aloft Moving southeast.
N. Central St. Joseph County	16	4:30 p			0	0	4	C	Wind lightning Lightning damage to houses and transmission lines with 5 fires resulting. Trees and numerous limbs blown down. Most damage in South Bend - Mishawaka area.
Goshen area Elkhart County	16	5:10 p							Funnel aloft
Warsaw area Kosciusko County	16	5:15 p							Funnel aloft
INDIANA (continued)									
Syracuse area Kosciusko County	16	5:16 p							Funnel aloft
Gary area Lake County	16	6:00 to 7:00 p			2	0	4	C	Winds Strong winds during thundersqualls on lakefront overturned a 22 ft. sailboat and caused death of 2 boatmen.
Cedar Lake area Lake County	16	7:00 p			0	0	4	C	Winds Wires and trees down.
Lowell area Lake County	16	7:05 p			0	0	4	C	Winds Wires and trees down.
New Washington area Clark County	16	8:10 p	1/16	20	0	0	4	C	Tornado
Camp Atterbury Bartholomew County	17	2:30 a	1/4	50	0	0	4	C	Tornado Roof blown off large building into parked cars.
Romey area Tippecanoe County	17	12:51 p							Funnel aloft
Greensburg - 10 miles west, Decatur County	19	5:45 p	3	50	0	0	4	C	Tornado Destroyed several farm buildings and mobile home.
Near Washington, Scott County line and Highway 56	20	9:00 p	1/8	30	0	0	4	C	Tornado Brief touchdown damaged service station.
South Bend area St. Joseph County	23	6:50 p			0	0	4	C	Wind, lightning Trees down, numerous power outages, several house fires started by lightning.
Lake Winasee Kosciusko County	23	8:42 p							Funnel aloft
Ft. Wayne area Allen County	23	9:00 to 10:00 p			0	0	4	C	Wind
New Whiteland Johnson County	24	3:50 p			0	0	3	C	Wind, hail 3/4 inch hail observed.
Greensburg area Decatur County	24	4:00 p			0	0	4	C	Hail Extensive damage to soybean and corn crops in area two miles wide and seven miles long. Some building damage.
Spencer area Owen County	24	4:45 p	1/10	30	0	0	3	C	Tornado Uprooted several trees and damaged power lines.
Elmington area Monroe County	24	5:15 p	1/16	20	0	0	4	C	Tornado Destroyed mobile home.
Ft. Wayne Allen County	26	1:45 p			0	0	6	C	Wind Severe windstorm severely damaged several commercial buildings, felled numerous trees and two tall radio towers.
Columbia City Whitley County	26	1:50 p	1	30	0	0	4	C	Tornado
6N Terre Haute Vigo County	26	2:00 p	3	50	0	0	5	C	Tornado, heavy rain
Van Bibber Lake area Putnam County	26	2:15 p	2	50	0	0	4	C	Tornado Severely damaged several trailers in trailer park.
Whitestown, Ellettsville area, Boone County	26	2:50 p	1/10	30	0	0	4	C	Tornado
Carmel area Hamilton County	26	3:00 p							Funnel aloft
Indianapolis area Marion County	26	3:00 p			0	0	5		Wind, lightning Winds 60 MPH measured by Channel 6 TV in downtown Indianapolis. Widespread damage to power lines, trees and structures.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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		
<b>INDIANA (continued)</b>										<b>IOWA (continued)</b>										
Cleore, Arcadia area Hamilton County	26	3:30 p	4	80	0	0	5	C	Tornado	Ossian, Winnes- shiek County	4	3:30 p	1	100	0	0	5	4	Tornado	Moved NE. Unroofed one 5 year old home plus tree and other minor damage.
									Seriously damaged restaurant, trailer park and destroyed barn.										Funnels (3)	
Daleville, Yorktown and Muncie areas Delaware County	26	3:45 p	15	80	0	0	5	C	Tornado	7NW Oskaloosa, Mahaska County	4	4:00 p							Funnel	
									Trailer court at Daleville severely damaged. Same tornado touched down later at Yorktown damaging several homes then in northern part of Muncie where it heavily damaged several homes under construction.										Funnel	
SE Rushville, Rush and Fayette County line	26	4:25 p	1/10	30	0	0	4	C	Tornado	Green Mountain, Marshall County	4	6:15 p							Funnel	
Greensburg area DeCATer County	26	5:00 p							Funnel aloft	3S Vinton, Benton County	5	1:00 p			0	0	4	0	Windstorm	
Advance area Boone County	26	7:20 p							Funnel aloft	NW Benton County	5	1:01 p							Funnel	
16S Brazil Clay County	26	7:40 p	1	30	0	0	4	C	Tornado	Van Horn, Benton County	5	1:20 p							Funnels (5)	
Hendricks, Hamilton and Boone Counties	26	7:40 p to 8:40 p							Funnels aloft	Creston, Union County	5	3:00 p							Funnel	
Ellettsville area Marion County	26	8:38 p	10	50	0	0	5	C	Tornado	Downey, Cedar County	5	3:45 p							Funnels (6)	
									Roofs blown off several homes. Numerous trees downed.	Story County	12	10:00 a							Funnels (3)	Funnels sighted from Gilbert and Story City area to Zearing.
8SW Columbus Bartholomew County	26	9:15 p	2	50	0	0	5	C	Tornado	Ellsworth, Hamilton County	12	10:10 a							Funnels (3)	
									Many trees and wires downed. All southern Bartholomew County was without electricity.	Dubuque, Dubuque County	16	10:00 a			0	0	4	4	Hailstorm	
Floyd County	26	11:00 p			0	0	3	C	Wind	S Worth County	16	3:55 p							Funnel	
									Numerous trees blown down.	Lake Rathbun, Appanoose & Monroe Counties	16	5:00 p			0	10	5	4	Windstorm	Winds 70 mph. About 50 mobile homes damaged or destroyed.
7W Evansville Posey County	27	7:35 a							Funnel aloft	Des Moines, Polk County	16	5:00 p			0	0	5	4	Windstorm	
Harrison County	27	12:05 p			0	0	4	C	Hail	Centerville, Appanoose County	16	5:25 p			0	3	5	0	Windstorm	Winds to 80 mph.
									Hail over 3/8 inch diameter.	N of Cascade, Dubuque County	16	5:40 p							Funnel	
Jeffersonville, Utica, Charlestown areas Clark County	27	Afternoon	10	30	0	0	5	C	Tornado	2N Murray, Clarke County	16	5:45 p	1	50	0	0	4	0	Tornado	
Mt. Vernon area Posey County	30	11:50 a			0	0	4	C	Thunderstorm, wind, hail	DeWitt, Clinton County	16	6:00 p			1	0	4	4	Heavy rains	
									One inch hail reported, trailer overturned.	Des Moines, Lee & Van Buren Counties	16	6:00 p			1	4	5	4	Windstorm	Severe thunderstorms with winds to 80 mph. Moved NE. Keosauqua, Farmington and Burlington particularly damaged.
<b>IOWA</b>																				
Burlington, Des Moines County	2	2:25 p							Funnels (2)	Indianola, Warren County	16	6:10 p							Funnel	
Burlington, Des Moines County	2	2:30 p			0	0	4	0	Windstorm	S Lee County	16	6:15 p							Funnel	
Fort Madison, Lee County	2	2:30 p							Funnel	Hubbard, Hardin County	16	6:20 p							Funnel	
Yarnmouth, NW Des Moines County	2	2:40 p							Funnel	NW Des Moines, Polk County	16	6:23 p							Funnel	
Centerville, Appanoose County	3	10:45 p			0	0	4	4	Hailstorm	Burlington, Des Moines County	16	6:45 p	1/2	100	0	0	4	0	Tornado	
									One inch diameter hail (30% damage wind).	Fort Madison, Lee County	16	7:00 p							Funnels (3)	
20W Des Moines, Dallas County	4	11:50 a			0	0	4	4	Hailstorm	Clinton County	16	7:30 p			1	5	6	4	Windstorm	Heavy rains caused 45% of loss.
									Extensive damage. 40% damage due to wind.	25W or Voochries, Black Hawk County	16	7:45 p	1/2	50	0	5	5	0	Tornado	Moved NE. Several trailers damaged or destroyed.
5NW Tipton, Cedar County	4	1:30 p							Funnel	5S Waterloo, Black Hawk County	16	7:45 p							Funnel	
Lowden, Cedar County	4	1:50 p							Funnel	Black Hawk County	16	7:46 p			0	3	6	4	Windstorm	Cedar Falls & Waterloo most damaged. Three injuries due to overturned trailers. Heavy rains caused 50% of loss.
4N Waverly, Bremer County	4	2:15 p	1	100	0	0	3	0	Tornado	Mt. Pleasant and Henry County	16	8:00 p			0	1	4	0	Windstorm	
									Moved NE, path in open field.	Mt. Pleasant, Henry County	16	8:00 p							Funnel	
Newton, Jasper County	4	2:35 p	4	250	0	0	5	4	Tornado	New London, Henry County	16	8:15 p							Funnel	
									Moved NE - damage intermittent. Damaged High School, a shopping area and a path in NE par of city.	NW Floyd County	17	0:15 a							Funnel	Moved NE between Rudd and Nora Springs.
Grinnell, Powe- shiek County	4	2:45 p							Funnel											
Sumner, Bremer County	4	2:45 p			0	0	4	0	Windstorm											

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>IOWA (continued)</b>									
Moville, Woodbury County	18	3:40 a	2	400	2	10	5	4	Tornado
Extensive damage downtown and in Clarence's Trailer Court area. Losses near \$200,000.									
Moville, Woodbury County	18	3:46 a	1	300	0	5	5	4	Tornado
Tornado touchdown and 1.2 miles southeast of the earlier Moville tornado. Losses in excess of \$50,000.									
S of Ventura, Cerro Gordo County	18	5:00 a							Funnel
Cumming, Warren County	18	7:40 a							Funnel
Grundy County	18	7:40 a							Funnels (4)
SS Chariton, Lucas County	18	7:45 a			0	0	5	0	Windstorm
Estimated losses \$75,000.									
Hudson, Black Hawk County	18	7:45 a							Funnels (3)
2 to SSW Vinton, Benton County	18	7:50 a							Funnels (3)
Appanoose County	18	8:00 a							Funnels (2)
Pella, Marion County	23	4:00 p			0	0	4	4	Hailstorm
North English, Iowa County	23	5:30 p			0	0	5	5	Hailstorm
Hail strip 5 or 6 miles wide.									
Wellman, Washington County	23	9:30 p			0	0	4	4	Hailstorm
Osceola, Clarke County	23	10:30 p			2	2	1	0	Lightning
Two killed when lightning struck a nearby tree at the Country Club.									
Humeston, Wayne County	23	11:00 p			0	0	4	4	Hailstorm
SS Vinton, Benton County	26	10:50 a							Funnel
NE Grundy County	26	6:45 p							Funnels (3)
Ritter, O'Brien County	27	4:00 a			0	0	4	0	Windstorm
Line Springs, Howard County	27	9:00 a			0	0	4	5	Hailstorm
<b>KANSAS</b>									
Johnson County	1	4:15 p			0	0	3	0	Wind, Funnel Cloud
Strong damaging winds with a funnel cloud caused out-building and machinery damage to farmstead in central Johnson County at 163rd and Quivera Road.									
North Central	2-3	8:00 p - 4:00 a		* 25	0	0	3	3	Hail, Wind, and Rain
Local severe storms north central, primarily in a 20 to 30 mile wide band from Kensington to Barnard, producing 1/2 to 3/4 inch hail, strong and damaging winds, and heavy rains. Most significant damage in Kensington vicinity.									
Emporia	3	4:45 p			0	0	?	?	Hail
Baseball size hail 6-1/2 miles south of Emporia.									
Ford County	3	Late Evening	8	2000	0	0	0	3	Hail
Severe hail storm with few hail stones 1-1/2 to 2 inches in diameter in southern Ford County, a few miles north of Minneola.									
South Central Northeast	3	Evening		* 25	0	0	3	3	Hail, Wind 5 Funnel Clouds
Local severe thunderstorms along a 20 to 30 mile wide band across counties of Peary, Wabaunsee, Riley, Shawnee, and Jefferson, producing local strong wind and large hail, but generally minor damage. Funnel clouds reported 20 miles northwest of Hutchinson at 6:15 p.m., just northwest of Durham at 6:45 p.m., near White City and south part of Topeka 5:15 p.m. and near Denison 8:47 p.m.									
Miltonvale	3	10:00 p			0	0	2	0	Lightning
Lightning strikes burned out 45 street lights and caused power outages several sections of Miltonvale. * Miles instead of yards.									
Brown County	3	Evening			0	0	0	4	Flash Flood
Torrential rains Hiawatha vicinity with accumulations as much as 7 inches. Produced intense surface runoff and considerable agricultural flooding and crop damage along small streams and tributaries.									
<b>KANSAS (continued)</b>									
Central	4	Early Morning							2 Funnels
Funnel clouds sighted near Geneseo 4:45 a and 10 miles northwest of Fort Riley at 7:39 a.									
South Central	4	Afternoon & Evening			0	0	5	5	6 Funnel Clouds Wind storm, Hail
Scattered severe thunderstorms produced local damaging winds and large hail with primary damage in Butler and southeast Greenwood counties. Considerable damage locally to roofs, automobiles, windows, and crops. Funnels aloft sighted 10 miles northwest of Colwich at 2:45 p, 30 miles northwest of Wichita at 3:05 p, 5 miles south of Cassidy in central Marion county and in northeast Butler County about 4:30 p, and in the Eldorado vicinity at 4:35 p.									
Greenwood County	4	6:00 p	5	300	0	0	5	0	Tornado
Tornado touched down 15 miles east and 5 miles south of Eureka producing considerable damage to homes, out-buildings, and farm equipment.									
Allen County	4	6:40 p	2	200	0	0	4	0	Tornado
Tornado touched down 3 miles east and 3 miles south of LaHarpe, producing damage to out-buildings, cars, and power lines.									
Dickinson, Saline, Geary Counties	4	Evening			0	0	3	3	Hail, Flash Flooding
Local heavy rains over area caused local flash flooding of which most significant was along Gypsum Creek and reached into the town of Gypsum. Damage was light. Hail to size of 1 1/2 inches fell at Hope along with strong wind, caused some tree damage.									
Butler County	5	7:00 p							Funnel Cloud
Funnel cloud reported in northwest Butler County.									
Labette County	11	6:30 p							Funnel Cloud
Funnel cloud over southeast Labette County.									
Wichita	16	12:45 p			1	1	0	0	Lightning
Lightning struck 2 men on the Crestview Country Club Golf Course.									
Northeast	16	Late Afternoon	80	* 35	0	16	6	4	Wind, Hail 2 Funnel Clouds
Severe and very damaging winds along a 20-40 mile wide band associated with intense thunderstorms which moved from near Lebo to Leavenworth during mid and late afternoon. Severe tree and considerable property damage general along the path with several mobile homes destroyed or badly damaged. Perry Lake recorded winds to 105 miles per hour with \$100,000 damage to the facility, much of which occurred at the Marina. Several reports of estimated winds 70-80 miles per hour. Lawrence, including Kansas University campus, was the hardest hit populated area, where over \$100,000 damage was also reported. Funnel clouds sighted 3 miles north of Ottawa 3 p.m. and near Lawrence 6:25 p.m.									
Linn County	16	4:00 p							Funnel Cloud
Funnel cloud reported at Pleasanton									
Northeast	16	Late Afternoon	80	* 35	0	21	6	4	Wind, Hail 3 Funnel Clouds
Severe and very damaging winds along a 20-40 mile wide band associated with intense thunderstorms which moved from near Lebo to Leavenworth during mid and late afternoon. Severe tree and considerable property damage general along the path with several mobile homes destroyed or badly damaged. Perry Lake recorded winds to 105 miles per hour with \$100,000 damage to the facility, much of which occurred at the Marina. Several reports of estimated winds to 70-80 miles per hour. Lawrence, including Kansas University Campus was one of the hardest hit populated areas where \$100,000 damage was also reported. Leavenworth county had damage estimated at 500,000 dollars alone. Funnel clouds sighted 3 miles northeast of Ottawa at 3:00 p.m., near Basehor about 3:30 p.m. and near Lawrence at 6:25 p.m.									
Cloud County	17	7:25 p							Funnel Cloud
Funnel cloud reported 5 miles southwest of Concordia									
Barton County	26	Evening					3	0	Wind
Strong damaging winds in the Great Bend vicinity.									
East Central	26	5:00 p - 10:00 p	100	* 40	0	5	5	5	Windstorm, Hail
Severe thunderstorms developing in eastern Morris county about 5 p.m. moved eastward causing considerable hail and wind damage to both property and crops along a 30 to 40 mile wide band from Council Grove to Olathe. Several localities received considerable 3/4 to 1 inch diameter hail, and damaging winds were reported locally and upward to over 70 miles per hour southeast Johnson Co.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>KANSAS (continued)</b>									
Cowley County	26	9:50 p					4	4	Hail
									Hail of 1 inch to baseball size in diameter at Winfield caused damage to roofs and automobiles.
Garden City	28	Midnight 12:30 a	8	60	0	0	5	0	Tornado
									Tornado associated with severe thunderstorms moving through Finney County touched down 4 miles west of Garden City city limits. The tornado frequently aloft, moved eastward through the city approximately along Highway 50 to three miles east of the city limits, producing considerable damage to buildings, farm machinery, trees, and power lines.
									SPECIAL HAIL SUMMARY
									Hail Loss Clearing House reports indicate hail was especially severe in the following counties and on the dates listed:
									1 - Wichita
									2 - Sheridan, Scott, Lane, Finney, Graham, Phillips, Smith Lincoln, Republic, Cloud, Washington
									3 - Greeley, Hamilton, Gray, Hodgman, Ford, Phillips, Pawnee, Stafford, Rice, Reno, Dickinson, Marion, Marshall, Riley
									4 - Phillips, Barber, Reno, Harper, Saline, Harvey, Sedgwick, Sumner, Dickinson, Marion, Butler, Lyon, Greenwood, Coffey
									16 - Butler, Allen
									17 - Cloud, Washington, Clay
									18 - Sedgwick
									26 - Cowley, Chase, Shawnee
									28 - Ness, Rush, Barton
									30 - Hamilton, Greeley
<b>KENTUCKY</b>									
Sturgis	2	7:30 pm			0	0	4		Tornado
									A tornado touched down destroying a mobile home and uprooting trees. Several funnel-shaped clouds were reported in the area.
North Central and Northern Bluegrass	4	Afternoon			0	3	4		Wind, lightning, heavy rains
									Louisville experienced winds to 68 MPH around 2:15 pm EDT resulting in trees down which damaged utility lines and buildings. Numerous reports of wind damage came from Meade, Carlisle, Henry, Owen and Gallatin Counties. Two people were injured in Carrollton. A 14-year old was injured by lightning in Hodgenville.
Hopkinsville	5	Morning			0	0	3		Wind, rain, lightning
									Violent electrical storm produced over one inch of rain. Wind damage was scattered.
Bluegrass and Eastern	5	Afternoon-Evening			0	0	4		Wind, flooding
									Reports of wind damage and flash-flooding were scattered throughout the eastern half of Kentucky.
Western	11	3-4 pm			0	0	4		Wind, lightning
									Electrical storm caused considerable damage to buildings in Murray, and wind damage was reported from scattered locations through the remainder of the area.
Henry and Trimble Counties	12	Afternoon			0	0			Wind, hail, lightning
									Damage from lightning, wind and hail was reported from farming communities of Henry and Trimble Counties.
Central and Eastern	12	Night			0	0	4	C	Wind, rain, flash-flooding, lightning
									2.5 to 3 inches of rain fell in Pendleton County causing flash-flooding. Lightning killed 4 cows in Allen County. Flooding occurred in Simpson County after a 3-inch rainfall. Unofficial reports of 4-7 inches of rain came from Logan County where crop damage was considerable.
Green County	13	Afternoon			0	0	4		Flash-flooding
									3.3 inches of rain fell in Greensburg during the afternoon causing various types of damage.
Louisville	13	4:45 pm			1	1	?	?	Lightning
									Man fatally injured and woman injured standing under a tree on a street in Louisville.
Fulaski County	13	Afternoon			0	0	3	C	Winds, heavy rains
									In northern part of County several trees were downed by wind, and crops were damaged by heavy rains.
Mount Sterling	16	Night			0	0	4		Lightning
									21 head of cattle killed near Mount Sterling by lightning.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>KENTUCKY (continued)</b>									
North Central, Blue-Grass and Northeast	17	Morning			0	0	3	C	Rain, wind, lightning, funnel
									Numerous heavy thunderstorms moved through the area causing wide-spread damage. Utility lines down, trees down, tobacco crops destroyed by heavy rains, and many reports of lightning damage. Funnel cloud was reported to National Weather Service in Lexington, and Louisville.
Central Bluegrass	17	Afternoon			0	0	4	C	Wind, flooding
									Considerable flash-flooding occurred in Nicholas County. Area already hard hit by recent storms. Many farmers lost tobacco that had just been replanted the previous day. Numerous reports from Paris and Winchester of wind and lightning damage.
Bowling Green	19	Afternoon			0	0	3		Wind
									Top twisted from a major TVA (Tennessee Valley Authority) tower 5 miles north of Bowling Green. Scattered wind damage elsewhere in the area.
North Central and Bluegrass	19	7-9 pm			0	0	3	C	Hail, wind, flooding
									Flash-flooding occurred in Shelbyville. Hail destroyed tobacco crops and gardens in the Cynthiana area. Wind and lightning damage was scattered through Jefferson and Bullitt Counties.
Bowling Green	20	10 pm			0	0	3		Tornado
									A path of destruction less than a mile long was reported on a farm just south of Bowling Green. No major damage. Pictures indicate that there was rotation to the wind.
Franklin (Simpson Co.)	20	6 pm			0	0	3		Wind, heavy rain, hail
									Northwest section of Franklin reported scattered wind and hail damage.
Louisville	20	10:40 pm	1	?	0	0	4		Wind
									2 miles NE SDF in Audubon Park area numerous trees down or damaged. Considerable damage to homes and utility lines from falling trees.
Robards	20	6 pm	?	?	0	0	4		Tornado
									A funnel cloud accompanied by heavy rain upended trees, downed telephone and power lines, and damaged homes in the Robards area. One mobile home was destroyed. Robards is 12 miles S of Henderson.
McLean, Ohio, and Daviess Counties	24	3:30-4:30 pm			0	0	4		Hail, wind
									A severe thunderstorm dropped golf ball-size hail on parts of Daviess County and strong winds damaged buildings in all three Counties.
Todd County	26	4 pm			0	0	3		Wind
									Wind damage to trees, a barn, and a few homes.
Louisville	26	11:50 pm			0	0	3		Wind
									Wind uprooted trees and downed electrical wires.
Lexington	27	2-3 pm			0	0	4		Funnel
									Three funnels were reported to the National Weather Service in Lexington around 2:30 pm.
Louisville	27	12:30-1:30 pm			0	0	4		Funnel
									Funnel was sighted on golf course in eastern Louisville. Damage to trees in the city was considerable. Wind gusts to 65 MPH were reported at Bowman Field.
Cammer (Hart County)	27	Night			0	2	4		Tornado
									Wind caused a wall to collapse and injured one man while another said he was pulled from his garage and rolled across the ground.
Northern Shelby County	27	1 pm			0	0	3		Tornado
									Tornado touched down in two places in rural area uprooting many trees and damaging building.
Orchard (Lincoln County)	27	7:40 pm			0	0	3		Tornado
									State Police reported many trees were uprooted and one unoccupied mobile home was destroyed.
State	27	Late morning to evening			0	3	3	C	Hail, rains, floods, wind, lightning
									Severe thunderstorms touched nearly every section of Kentucky on Wednesday, June 27 during the afternoon or evening hours. These storms were responsible for uprooting trees, demolishing barns,



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>KENTUCKY (continued)</b>									
Anderson, Mercer, (Shelby and Madison Counties)	29	Afternoon					5	0	Rain, wind, hail
									Destroying crops, and damaging buildings. Several cows and other farm animals were killed by lightning. Many buildings burned after being struck by lightning.
London	29	4:29 pm	1/2	100yds	0	2	5		Tornado
									An unusual amount of hail destroyed numerous tobacco crops. One 6-acre tobacco crop was destroyed in Madison County. A hail storm dropped hail along a 12-mile path in southern Shelby County where hail was reported to be 4-8 inches deep in some locations. More than 60 tobacco crops were damaged or destroyed along the 12-mile path.
Bullitt and Nelson Counties	29	2:05 pm			0	0	1		Funnel
									A tornado caused more than \$125,000 in damages to a furniture factory in London. No one was in the building when the tornado struck. Two men were injured in another smaller building that was completely demolished.
									Funnel cloud was sighted by Forest Ranger. No touchdown. Little or no damage.
<b>LOUISIANA</b>									
Desoto Parish	4	Unk			3	1			Heavy rain
									Man and two children killed near Grand Cane when automobile was struck by train during blinding rainstorm. Wife critically injured. Law enforcement officials investigating the accident say that driver apparently did not see train due to very heavy rain.
	5	8:13 AM							Waterspouts
									Two waterspouts sighted over Lake Borgne about 35 E Moisant Airport.
	6	Morning & 6-7:30 PM							Waterspouts
									Numerous waterspouts sighted S of Grand Isle during morning. Several waterspouts sighted over Lake Pontchartrain during evening.
East Baton Rouge Parish	7	2:45 PM	1/16	10	0	0	0	0	Tornado
									Tornado sighted by commercial aircraft 7 N Ryan Airport in Baton Rouge.
Caddo Parish	8	7:05 PM							Funnel cloud
									NWS personnel reported funnel cloud 6 NW Shreveport Regional Airport.
Lafourche Parish	10	3PM-6PM			0	1	0	0	Funnel clouds, wind
									Several funnel clouds sighted in the vicinity of Thibodaux. High winds tore off part of tin roof just E of Thibodaux, man received minor cuts from flying debris.
Sabine Parish	17				1	0	0	0	Lightning
									Woman killed by lightning while fishing at Toledo Bend Reservoir.
Jefferson Parish	17	1:30 PM			0	0	0	0	Hail
									3/4-inch hail reported 12 ENE Moisant Airport.
Orleans Parish	19	3PM-5PM							Funnel cloud, waterspout
									Funnel cloud and waterspout sighted over Lake Pontchartrain in the vicinity of New Orleans.
Calcasieu, Lafayette, and Vermillion Parishes	20	Aftn			0	0	3	0	Funnel cloud, hail, wind
									Several reports of golfball to baseball size hail and winds to 75 mph over southern Louisiana during the afternoon. Several funnel clouds sighted in the Lake Charles and Lafayette areas.
Calcasieu Parish	20	3:10 PM	1/4	25	0	0	3	0	Tornado
									State Police report tornado hit farm 21 NW Lake Charles, barn demolished.
<b>MAINE</b>									
Jefferson, Cooper Hills, Lincoln County	9	PM	5	1 1/2	0	2	5	3	Wind, rain, hail
									Thunderstorm straight line winds blew down trees which cut power lines and damaged buildings. Blew down large hen house and damaged another. Demolished 1 trailer and severely damaged another. There was damage to hay and crops. A waterspout was reported over Danaria-Scotts Lake.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MAINE (continued)</b>									
Mars Hill, Aroostook County	9	PM			0	0	3	3	Hail (eggsize), rain, wind
									Heavy localized crop damage, minor property damage.
Kennebunk, York County	11				0	0	0	0	Wind, rain
Statewide except Aroostook County	12	Afternoon & Evening			0	0	4	3	Wind, rain, lightning
									Thunderstorm moved across the State accompanied by heavy winds that blew down trees, cutting utility lines and damaging buildings.
Temple, Franklin County	12		1	100	0	0	4	3	Tornado
									Blew out window in house, demolished a 4-car garage, lifting roof off and setting it down a short distance away.
Woodland, Aroostook County	21	PM			0	0	0	0	TORNADO
									Hit one farm. Shredded 16" diameter tree and drove branches 6-8" into the ground.
Ft. Kent, Aroostook County	24	PM			0	0			Rain, hail, wind
									Marble size hail and heavy rain caused flooding and crop damage. Property damaged by wind.
<b>MARYLAND</b>									
Frederick, Carroll, Baltimore Counties and Baltimore City	4	5-9 p			0	0	4		Thunderstorms
									A line of severe thunderstorms advancing eastward caused extensive power outages, urban flooding and numerous trees blown down.
Northeastern suburbs of Washington, D.C.	16	2:07 p			0	0	0		Funnel cloud
									Spotted by pilot southwest of Ft. Meade, Maryland
Gamber	16	5:00 p			0	0	0		Funnel cloud
									Reported by public.
Towson	16	5:50 p			0	4	5		Tornado
									Apartment house roof torn off. Numerous trees and utility lines down. Automobile turned over injuring occupants.
Gravel Hill, Harford County	16	6:50 p	1.5		0	0	3		Tornado
									Spotted by public. Damage to houses and barns. Mostly over open country.
Frederick	23	7:45 p			0	0	3		Thunderstorm
									Heavy rain caused urban flooding. Trees and utility wires down. Several lightning caused fires reported.
Montgomery, Prince Georges Counties	24	1:00 p			0	0	3		Thunderstorm
									Urban flooding in Washington's northeastern suburbs. Wind gusts to 68 mph.
Garrett County	28	4:50 p	4.0	50	0	0	4		Tornado
									Funnel spotted by several witnesses. Restaurant and gas station damaged. State Police followed tornado northeastward to near Pennsylvania border.
<b>MASSACHUSETTS</b>									
Franklin County	5	4p.-5:30 p.			0	0	4	2	Severe Thunderstorm
									Severe thunderstorm with strong winds, hail, intense lightning moved eastward across Northern Franklin County. Hail 1" diameter at Colrain around 4 p.m. Hail also fell at Buckland. Several trees, numerous branches downed. Lightning caused several power outages.
Eastern half	9	3:30p.-5:30p.			2	?	5	2	Severe Thunderstorms Possible tornadoes
									Intense squall line moved rapidly eastward across eastern half of state blowing down numerous trees and utilities. Widespread power outages. Winds variously estimated at 60 to 80 m.p.h. Damage "path" 300 yds. wide at "tree-top" level in possible tornado in Millis. Cooperative observer reported spotting small tornado in grounds of Danvers State Hospital. Dozens of boats sunk at moorings in Salem Harbor. Nearly every town in Eastern Mass. reported power outages. Widespread hail stones 1" diameter Middleboro, golf-ball size in N. Worcester. Unconfirmed funnel reported N. Worcester. Man killed by lightning in Nahant, another drowned in Salem Harbor when boat capsized. Several injured. Several lightning-caused minor house fires.
State	12	2:15p.-7:30p.			0	0	4	2	Severe Thunderstorms
									Several severe thunderstorms struck many towns with high winds, hail, intense lightning. Hail reported from all counties except those in southeastern part including Cape Cod. Quarter sized

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					KILLED	INJURED	PROPERTY	CROPS	
<b>MASSACHUSETTS (continued)</b>									
									hail at Amesbury and Westhampton and three quarter inch diameter hail at Lenox. Wind damage locations generally the same as hail fall locations. Widespread wind and lightning caused power failures affected about half of towns from N.Y. border to west suburbs of Boston. Numerous trees and utilities struck by lightning.
<b>MICHIGAN</b>									
Near Frankenmuth, Saginaw and Tuscola Counties	1	5.15p	13	300	0	0	5		Tornado
									Moved eastsoutheastward from just northwest of Frankenmuth to near Millington House, several barns and 5 cattle destroyed. Ten other houses damaged. Swath cut through trees. Debris carried aloft up to 9 miles.
Berrien, Kalamazoo, Eaton, Clinton, Shiawassee, Gratiot and Genesee Counties	3	4-6p					2		Thunderstorms, wind
									Widespread minor damage. Many trees down. Two vehicles destroyed in Watervliet.
Corunna, Shiawassee County	3	3.30p	0.2	0	0	3			Tornado
									Barns down, outbuildings destroyed, trees twisted off in area just north of Corunna. Funnel sighted.
Flushing, Genesee County	3	4.15p	0.3	0	1	3			Tornado
									Woman trampled when 50 persons rushed to same basement as funnel approached. Moved east south-eastward 3 miles northeast of Flushing.
Mt. Morris, Genesee County	3	4.30p			0	0	1		Tornado
									Very brief touchdown 2 miles south of Mt. Morris, possibly another touchdown about a mile further east. Damage mostly to trees. Associated with same thunderstorm as above tornado.
Midland, Midland County	3	4.30p			0	0	4		Tornado
									Brief touchdown 7 miles southwest of Midland. Several farm buildings damaged. Further damage, mostly to mobile homes 2 to 3 miles south of Midland. Two funnels aloft were seen to merge at south edge of city.
12 S. Hillsdale Hillsdale Co.	3	6.30p							Funnel Cloud
Ottawa Lake, Monroe Co.	3	7.38p							Funnel Cloud
									Moving eastward.
Lowell, Kent Co.	4	early					1		Lightning
									House set afire
Waterford, Oakland Co.	5	6.50p							Funnel Cloud
3N Pontiac, Oakland Co.	5	7.25p							Funnel Cloud
Emmett, St. Clair Co.	5	9.05p							Funnel Cloud
North Street St. Clair Co.	5	9.15p							Funnel Cloud
									May be same as listed above.
Kinross, Chippewa Co.	8	6.20p							Funnel Cloud
5 S Traverse City, Grand Traverse Co.	8	8.15p							Funnel Cloud
Carleton, Monroe Co.	12	3.30p					1		Lightning
3 W South Rockwood, Monroe Co.	12	4.10p	0.1	40	0	0	4		Tornado
									Moved from 220° across Telegraph Road. 30 to 35 pickup truck campers destroyed. Minor damage to trailers, trees and signboard.
2 W South Rockwood, Monroe Co.	12	4.15p					3		Wind Gust
									Many large trees down, farm buildings damaged, two small aircraft torn from moorings, one damaged. Area affected about 2 x 2 miles. Associated with same thunderstorm as tornado and lightning listed above.
10 S. Hillsdale, Hillsdale Co.	12	5.30-6p			0	0	1		Tornado
									Trees down and storm windows torn off house. 4 to 5 inches of rain in vicinity.
<b>MICHIGAN (continued)</b>									
3 SW Ypsilanti, Washtenaw Co.	16	3.45p					1	2	Lightning
									Three men on golf course took shelter from rain in small metal shed.
Clinton, Lenawee Co.	16	6.43p					1	0	Lightning
									Youth took shelter under tree.
Tecumseh, Lenawee Co.	16	7.05p	2.5	20-80	0	0	4		Tornado
									Touched down at northeast corner of city. Moved southeastward across country club and across row of homes south of Route 50. Five homes damaged, one automobile destroyed. Many trees down.
Petersburg-Ida area, Monroe Co.	16	7.30-8p						1	Wind gust, Funnel Cloud
									Many trees felled. Minor damage to buildings and power lines. Funnel aloft sighted 3 miles south of Dundee at 7.40 p.m. Associated with same thunderstorm as tornado above.
Central Berrien Co.	16	4-5p							Windgust, Funnel Cloud
									Trees and power lines down. Funnel sighted near Ross Field airport.
Southern Oakland Co.	16-17	7p-2a						2	Winds, Lightning
									Many homes and trees struck. One home set afire. Widespread power outages.
Lake Shores, Macomb, Wayne, and Monroe Counties	17	1-3a						4	Lake Shore Flood
									1500 homes and 20 commercial buildings flooded. 430 families evacuated. 50 homes damaged. Worst damage centered around Gibraltar.
West of Houghton Lake, Roscommon County	23	3.45p							Funnel Cloud
									Reported by aircraft
Near Sanford, Midland Co.	23	4.10p							Hail
									Diameter 1/2 to 3/4 inch.
Niles, Berrien Co.	23	6.55p							Thunderstorm
									Winds estimated 80 mph.
Galien, Berrien County	23	8.10p							Funnel Cloud
NW Corner, Cass Co.	23	8.20p							Funnel Cloud
Eaton, Clinton, Shiawassee, and northern Ingham Counties	26	12.15-1p						3	Thunderstorms
									Much wind damage to trees and power lines. Hail swath 7 miles long, less than 1/2 mile wide through Eaton and Clinton Counties. Hailstones up to 1 1/4 inch. Several buildings damaged by lightning.
1 S Auburn, Bay Co.	26	?							Tornado
									Brief touchdown. No damage.
2 S Linwood, Bay Co.	26	1.25p							Tornado
									Brief touchdown. Funnel aloft then moved northeastward over Saginaw Bay. Probably same funnel as that listed above.
Southeast Michigan	26	2-6p						6	Squall Line, Wind and Rain
									Widespread damage to power and telephone lines. Three days required to restore services. Extensive local urban flooding. Much damage to buildings and automobiles in downtown Detroit and northwest suburbs. Two small aircraft destroyed at Big Beaver Airport. Wind at Metropolitan Airport gusted to 94 mph. Tornadoes and funnel clouds listed below were part of this storm system.
4 S Ann Arbor, Washtenaw County	26	2.15 p							Funnel Cloud
6 N Utica, Macomb Co.	26	2.35p							Funnel Cloud
5 S Adrian, Lenawee Co.	26	3.08p							Funnel Cloud
2 E Tecumseh, Lenawee Co.	26	3.10p							Funnel Cloud

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					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
Carleton, Monroe Co.	26	3.45p	0.7	65	0	2	5		Tornado
		Cut swath 500 ft. long through mobile home court at southwest corner of city, destroyed 20 homes and injured 2 occupants. One home exploded. Moved into city, apparently a short distance above the ground. Many houses damaged by snapped-off tree tops. Witnesses described funnel as orange or red.							
Huron Township, Wayne Co.	26	4.02p			0	0	2		Tornado
		Brief touchdown at Middlebelt and Sibley Roads. Store unroofed. Funnel visible from Weather Service Forecast Office at Metropolitan Airport.							
Detroit, Wayne Co.	26	4-5p	1/20	15	0	0	1		Tornado
		Small area of twisted-off tree tops and minor damage to homes near intersection of Lafayette and Dagoon.							
Grosse Pointe, Wayne Co.	26	5p							Funnel Cloud
		Sighted at northeast corner of city. Probably same funnel as tornadoes listed above.							
4 WNW Peck, Sanilac County	26	4.26p			0	0	1		Tornado
		Brief touchdown. Haywagon and trees damaged.							
Freeland, Saginaw County	27	3.20p							Funnel Cloud
		Sighted for one minute over Midland-Bay City, Saginaw Airport.							
3 S Estral Beach, Lake Erie	28	11.45a			0	0	0		Tornado
		Touched down just offshore. Moved northeastward out into lake.							
Detroit and suburbs	28	5-8p					4		Thunderstorms
		Much local urban flooding. Small fires set by lightning and downed wires. Apartment building in Southfield partially unroofed. Lightning and tornado listed below were part of this storm.							
Off South tip of Grosse Ile, Lake Erie	28	5.42p			0	0	0		Tornado
		Reported by Gibraltar Police							
Wyandotte, Wayne Co.	28	7.30p			0	2	2		Lightning
MINNESOTA									
Mahnomen 3N, Mahnomen County	2	5:00 p			0	0	4	0	Wind
		Thunderstorm destroyed cattle feeding docks & barn, and damaged a truck.							
Thief River Falls 3NW, Pennington County	2	5:45p			0	0	5	0	Wind
		Two mobile trailer homes destroyed, large trees down, farms & country homes moderately damaged.							
Coon Rapids, Anoka County	2	12:05p			1	0	0	0	Lightning
		Man killed while standing under a tree on golf course.							
Glenwood 2E, Pope County	2	8:32p	6	100	0	0	4	0	Tornado
		Tornado travelled from south to north damaging farm structures, lifting off ground at 8:45p.							
Glenwood Vicinity, Pope County	3	Early am			0	0	4	0	Wind
		Two barns (S and 3N) and a metal shed (E) destroyed on separate farms.							
St. Cloud Area, Stearns County	8	2:47a			0	0	4	0	Lightning, St. Elmo's Fire
		Three homes damaged by lightning started fires while a fourth was subject to balls of fire dancing around inside of house leaving bullet sized holes in walls and larger holes in ceilings.							
Backus 2S, Cass County	15-16	p - a			0	0	4	0	Wind
		One 14x60 ft trailer destroyed, another damaged.							
Flag Island, Roseau County	15-16	night			0	0	4	0	Lightning
		Cabin struck causing extensive fire damage.							
Southwest third of State	15-16	7p - 1a			0	0	5	5	Hail, Wind, Lightning
		Severe thunderstorms moved from southwest to northeast. Pipestone County: hail path 10 miles long and 1 1/2 wide - extensive damage to field crops N & E. Redwood County: 2 1/2 mile hail path - golf ball sized hail - extensive crop damage - Paxton Township. Renville County: - mile hail path - moderate damage to bean crops. Buffalo Lake - outdoor theatre screen destroyed by wind. Cabin							

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					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA (continued)									
Brainerd 9SSW, Crow Wing County		16 12:45a	5	30	0	0	3	0	Tornado
		Tornado passed within 50 feet of a farm home, travelling north-easterly to Paradise Beach Long Lake, where it was seen at tree top level at 1 a. Roar so loud that witnesses could see but not hear trees being twisted & destroyed. Next touchdown at Nokay Lake (1:15a) within 150 feet from a residence -- path 1 1/2 miles, width 60 feet.							
Southern Mower County		16 7 p	30	-	0	0	2	4	Hail
		Long hail track from Austin to LeRoy from 7p to 9p; considerable crop damage. Rainfall 1 to 2 1/2 inches.							
Gilfillan, Redwood County		16 8p	2	*1 1/2	0	0	2	4	Hail
		Golf ball sized hail covered ground, extensive crop damage.							
Extreme Northwest Minnesota		16 9 p					3	4	Wind, Hail
		Kittson County Strong straight line winds caused light to moderate town and farm structure damage in the Karlstad area - lease trees sheared off or uprooted. Hail damage to crops up to 100% in some locations. Golf ball sized hail fell west of Hallock. Marshall County: Hail caused extensive to complete crop damage in the Stephen area. Rain up to 2.00".							
Height of Land Lake 1S, Becker County	16	9:40p	6	60	0	0	5	0	Tornado
		Extensive private property & farm damage as tornado moved from SW to NE in erratic path. 5/8" hail preceded touchdown. Numerous sightings of the tornado on ground.							
Southern quarter of Minnesota		18 4a to 9a			0	0	4	4	Wind, Hail, Lightning
		Severe thunderstorms crossed the southern quarter of the State from SW to NE. Cottonwood County: Fire damage to building struck by lightning, 1.10" of rain, building wall damaged by wind in Bingham Lake, trees down. Martin County: extensive hail damage to crops in Trimont area 6 miles long and 2 wide. Jackson County: heavy hail damage to crops 25 to 30 miles SW to NE of Jackson, heavy rain caused field flooding. LeSueur & Nobles Counties: Heavy rains 1 to 3 inches. Blue Earth, Brown, Watonwan & Fillmore Counties: Minor wind damage.							
Waldorf, Waseca County		18 6:35a	1 1/2	50	0	0	3	0	Tornado
		Brief touchdown in Waldorf causing minor damage then again 1 NE of Waldorf for 1/4 mile destroying trees, a barn and shed, also damaging mobile home.							
Oakland 1N, Freeborn County		18 7:40a	4	60	0	0	5	2	Tornado
		Tornado hit 7 farms in almost a straight line from Southwest to Northeast in Moscow Township. Trailer home, house, windmill, machinery, hog houses, silos, granaries, power lines, machine sheds, corn cribs, animal shelters, and hundreds of trees destroyed or heavily damaged.							
Washington-Chisago Counties		18 12:30p			0	0	3	0	Wind
		Strong winds blew over hundred of trees felling utility lines from Wyoming-forest Lake area, Washington County, northeastward to Rochester-Chisago City area, Chisago County; minor home and lake cottage also occurred. Lightning caused minor outages.							
Marble-Calumet, Itasca County		22 4p	2	*1 1/2	0	0	3	0	Hail
		Fifteen minute storm piled hail stones and ice 7 inches high hitting vehicle traffic; only one minor traffic accident.							
Brainerd 7ENE, Crow Wing County		25 6:08p	7	200	0	3	6	0	Tornado
		Tornado travelled eastward at 30-mph touched down at the Leikvoll farm 1W and off NW corner of Eagle Lake destroying and damaging cabins. At 6:09p north end of Eagle Lake hit injuring two people and killing a dog in a garage where they had sought shelter. It then travelled on the ground for 4-minutes felling trees and blocking roads and causing minor building damage before reaching Clearwater Lake at 6:13p. Again after 3-minutes over land it struck and destroyed the Indian Point Resort on the West shore of Bay Lake (1 injury). Tornado crossed Walkerson's Island in the middle of Bay Lake at 6:17p heavily damaging property. It entered land again at 6:19p, curved left, and destroyed or heavily damaged all structures at Miesoff's resort. It lifted off-ground after this strike. Eight funnel clouds observed, only one hit the ground. Damage to trees and forest area heavy.							
Mille Lacs Lake, North End, Aitkin County		25 6:30p	3/4	100	0	0	3	0	Tornado
		Tornado moved from W to E damaging property and trees. Some wind damage reported southeast of Malmo.							

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					KILLED	INJURED	PROPERTY	CROPS		
<b>MINNESOTA (continued)</b>										
		FUNNEL CLOUDS	REPORTED DURING	JUNE						
County	Date	Time							Location & Remarks	
Renville	2	6:21 p							Redwood Falls 10E	
Kanjiyohi	15	11:00 p							Willmar 1SW	
Fairbault	16	5:00 p							Kiester 1 1/2 NE	
Wabasha	16	6:30 p							Waterspouts over Lake Pepin	
Steele	26	4:40p							Blooming Prairie	
Mower	26	4:58 p							Lansing	
<b>MISSISSIPPI</b>										
Rolling Fork Sharkey County	1	8:25 A							Funnel Cloud Aloft	
Indianola Sunflower County	1	4:03 P							Funnel Cloud Aloft	
Clarksdale Area Coahoma County	4	Noon			0	1	3	0	Windstorm	
									Tar paper roof ripped off and allowed rain to damage main building of Kyle Manufacturing Company in Roundaway Community, south of Clarksdale. Man injured by flying glass.	
Quitman County	4	4:05 P			0	0	4	0	Windstorm	
									Several trailers overturned by wind and several roofs on homes damaged western portion of County.	
Hattiesburg Forrest County	6	7:26 P							Funnel Cloud Aloft	
Lucedale Area George County	8	Early Morning			0	0	4	0	Lightning	
									Lightning struck store 4 miles east of Lucedale in Rocky Creek Community damaging ceiling and starting fire which destroyed 75% of merchandise.	
Biloxi Area Harrison County	15	7:27 A	Funnel Cloud						8 miles south of Biloxi	
Brookhaven Lincoln County	15	2:00 P			0	0	4	0	Windstorm	
									Windstorm northside of Brookhaven near Highway 51 N and Industrial Park Road. Destroyed roof on store. Damaged roof on Moose Lodge. Blew windows out of several mobile homes. Home damaged by up-rooted tree.	
Horn Lake DeSoto County	19	5:15 P							Funnel Cloud Aloft	
<b>MISSOURI</b>										
Meosho, Newton Co.	2	9a.-9p.			0	0	0	0	Flash Flood	
									Flash flooding in Meosho followed unofficial reports of 4 1/2 inches of rain between noon on the 1st and 10 p.m. on the 2nd.	
Jackson (10 N), Cape Girardeau Co.	2	3:40 p.	?	?	0	0	?	0	Tornado	
									A tornado reported by the public moving northeast at 25 to 30 mph caused some tree and house damage. The storm moved across the river into Jackson County Illinois.	
West Plains (12 SW), Howell County	3	12:30 a.	1	100	0	0	4	0	Tornado	
									Sixteen to twenty large trees "unscrewed" but of the ground. A large gravemarker was turned over but a glass pitcher by the marker was untouched. A native heard the storm roar. Barograph shows sharp rise. Radar shows 50 mph eastward movement.	
St. Francois County	3	7 p.	15	50	0	0	4	0	Tornado	
									A storm track with a few reports of funnel cloud sightings moved from just west of Flat River in St. Francois County into south Jefferson County. A utility building was destroyed east of Desloge. A rural road northeast of Bonne Terre was blocked by fallen trees. Limited tree damage was reported from an area to the east of Leadwood through the east Bonne Terre area past French Village into southern Jefferson County. A Volkswagen was blown off the road 2 SW St. Louis at 8:02 p. A shed was blown down 1 S Fenton Missouri at 8 p.	
Columbia, Boone Co.	4	8:30 a.	?	?	0	0	0	0	Thunderstorm	
									High winds caused power outage.	
Oakridge (15N Cape Girardeau), Cape Girardeau County	4	10:05 a.			0	0	0	0	Funnel Cloud	
									Funnel cloud reported by motorist as he emerged from heavy rain.	
<b>MISSOURI (continued)</b>										
Carter Co.-Ripley Co. line at Highway 21	4	1 p.	?	?	0	0	0	0	Tornado	
									Unconfirmed public report of a tornado.	
Paris (4 W), Monroe County	4	1:30 p.	1/2	100	0	0	4	0	Thunderstorm	
Fredriektown (6W), Madison County	4	1:55 p.			0	0	0	0	Funnel Cloud	
									Funnel cloud reported by public moving northeast at 35 mph.	
St. Peters, St. Charles County	4	2 p.	3/4	300	0	0	6	0	Thunderstorm	
									Forty homes received damage ranging from slight to major. Four were of total loss. There were none of the tornado indications in the damage but surface winds must have reached 100 knots.	
Dixon (4 NE), Pulaski County	4	6:45 p.	1/2	200	0	0	4	0	Tornado	
									Highway patrol reported a tornado sighting. The tornado touched down near the Clay Shockley farm four miles northeast of Dixon and traveled one-half mile.	
Miller County and Candenton County around Lake of the Ozarks	4	6p.-7p.	?	?	0	0	?	0	Thunderstorm	
									Heavy damage to microwave relay tower. A helicopter was blown into the lake near Lookout Dam. Heavy damage occurred to a cave one mile west of Highway 54 near Howard Johnson Motel.	
Marquand, Madison Co.	4-5	7p.-2a.	?	?	0	0	?	0	Thunderstorm	
									Unofficial five inches of rain at Marquand. One hundred sugar maple trees and maple syrup factory destroyed by wind just north of Marquand around 2 a. on the 5th.	
Stotesbury, Vernon County	4	7:30 p.	?	?	0	0	?	0	Thunderstorm	
									All barns on Hetherton farm destroyed.	
Harwood, Vernon County	4	7:30 p.	?	?	0	0	?	0	Thunderstorm	
									Mobil home 1E Harwood destroyed. Trees, lines and antenna damaged.	
Charles, Henry County	4	8 p.	?	?	0	0	?	0	Thunderstorm	
									Barn and grain storage bin destroyed.	
Harvester, St. Charles County	4	8:30 p.	?	?	0	0	0	0	Tornado	
									Tornado reported by public, no damage.	
Cedar Hills & House Springs, Jefferson County	4	9 p.	?	?	0	0	0	0	Tornado	
									Tornado touchdowns reported, no damage.	
Taney County	4	10:15 p.	?	?	0	0	0	0	Thunderstorm	
									Considerable damage to wires and trees in the Fordythe and Branson areas.	
Rolla, Phelps County	4	10:15 p.	1/2	100	0	1	5	0	Tornado	
									Tornado touched down in east part of Rolla shortly before midnight. Four homes destroyed, several others damaged. Power interrupted for 1200 homes for more than 12 hours. One injury was due to flying glass. Meadows Court was hardest hit street. The tornado continued eastward into a grove of trees on the east side of town.	
Ste. Genevieve, Ste. Genevieve County	5	3:40 p.	?	?	0	1	?	0	Thunderstorm	
									Extreme damage to trees and power lines. One minor injury due to flying glass. Plateglass windows broken.	
St. Joseph, Buchanan County	5	7 p.	?	?	0	0	0	0	Thunderstorm	
									High winds with tree and wire damage.	
Rich Hill, Bates Co.	5	7:30 p.	?	?	0	0	0	0	Thunderstorm	
									High winds, tree damage.	
Steele, Pemisicot Co.	11	6:50 p.	?	?	0	0	?	0	Thunderstorm	
									Lightening and fire destroyed home.	
Maitland, Holt Co.	12	4:10 p.			0	0	0	0	Funnel Cloud	
									Spotter reported funnel cloud with thunderstorm - not confirmed.	
Cape Girardeau, Cape Girardeau County	13	2 p.			0	0	0	0	Funnel Cloud	
									Two funnel clouds reported 20 SW Cape Girardeau moving east - not confirmed.	
Sullivan, Franklin County	15	8 a. - 10 a.	?	?	0	0	?	0	Thunderstorm	
									Flash flooding resulted from four to five inches of rain in a two-hour period. Clark Street was inundated and portions of I-44 at Highway 185 was closed. A lightning strike did major damage to Edgar Morris property on Elkton Road North.	

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MISSOURI (continued)									
Owensville, Gasconade County	15	10 p. 1 a.			0	0	0	0	Flash Flood
Three to five inch rainfall in three-hour period late on the 14th and early on the 15th resulted in flash flooding.									
St. Joseph, Buchanan County	16	3:45 p.	6	?	0	14	6	0	Tornado
Fourteen persons were treated for minor injuries. Widespread property damage occurred including seven mobile homes overturned. Glass, tree and wire damage was general. Winds were estimated at 80 to 90 mph. St. Joseph reported a peak gust of 65 knots at 4:25 p. Tornado moved from southwest to northeast across Wayne township into Washington township.									
Kansas City Metro. Area; Jackson, Clay, and Platte Counties	16	4 p.	?	?	0	0	?	0	Thunderstorm
Widespread tree, wire, and property damage. Winds estimated at 105 mph. Planes were damaged at Mid Continent Airport.									
Plattsburg, Clinton County	16	4 p.	?	?	0	0	?	0	Thunderstorm
Widespread property damage to several farms. Man blown from tractor. A 55 foot TV tower blown down.									
Platte City, Platte County	16	3:30 p.	?	?	0	0	5	0	Thunderstorm
Widespread damage estimated at \$100,000.									
Cameron, Clinton County	16	4 p.	?	?	0	0	?	0	Thunderstorm
Winds estimated between 60 and 105 mph destroyed a barn near Turney. One barn struck by lightning and burned. Widespread tree and wire damage.									
Maysville, DeKalb County	16	4 p.	?	?	0	0	?	0	Thunderstorm
Widespread damage to barns, trees, trailers and lines.									
Excelsior Springs, Clay County	16	4 p.	?	?	0	0	?	0	Thunderstorm
Barn destroyed. Large tent and campers destroyed along with four airplanes at Mitchell Field.									
Trenton, Grundy Co.	16	4 p.	?	?	0	0	?	0	Thunderstorm
Widespread tree, wire, and property damage. Utilities were interrupted.									
Bethany, Harrison Co.	16	4:30 p.	?	?	0	3	?	0	Thunderstorm
Three injuries. Three mobile homes destroyed. Truck and tractor blown over on highway. Widespread tree and wire damage.									
Pattonburg, Davies County	16	4:30 p.	?	?	0	0	?	0	Thunderstorm
Area heavily damaged. Mobile home destroyed and 1,000 bushel grain storage.									
Princeton, Mercer County	16	4:30 p.	?	?	0	1	?	0	Thunderstorm
Tents destroyed at Lake Paho west of Princeton. Barns and utilities damaged. Trees fallen. One injury.									
Perry, Ralls County	16	4:30 p.	?	?	0	0	0	0	Thunderstorm
Widespread wire and tree damage.									
Chillicothe, Livingston County	16	4:30 p.	?	?	0	0	0	0	Thunderstorm
Widespread wire and tree damage.									
Gallatin, Davies Co.	16	4:30 p.	?	?	0	0	0	0	Thunderstorm
Widespread wire and tree damage.									
Hamilton, Caldwell County	16	4:30 p.	?	?	0	0	0	0	Thunderstorm
Widespread wire and tree damage.									
Warrensburg, Johnson County	16	5 p.	?	?	0	0	?	0	Thunderstorm
Barn damage to two farms.									
Macon, Macon County	16	5 p.	?	?	0	0	?	0	Thunderstorm
Winds estimated at 80 mph caused widespread damage to utilities and property. Boat docks were destroyed.									
Queen City, Schuyler County	16	5:30 p.	?	?	0	0	?	0	Thunderstorm
Winds destroyed a large greenhouse, plus wire and tree damage.									
Kirkville, Adair Co.	16	5:30 p.	?	?	0	0	?	0	Thunderstorm
Widespread tree and property damage. The official airport reading indicated a sustained 50 knot reading at 6:25 p. with heavy rains reported.									
Shelbyville, Shelby County	16	6 p.	?	?	0	0	0	0	Thunderstorm
Extensive wire and tree damage.									

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					KILLED	INJURED	PROPERTY	CROPS	
MISSOURI (continued)									
Edina, Knox County	16	6:30 p.	?	?	0	0	?	0	Thunderstorm
Widespread wire and tree damage. Theatre screen destroyed.									
Memphis, Scotland Co.	16	6:30 p.	?	?	0	0	?	0	Thunderstorm
A hangar at Memphis Airport destroyed. A trailer overturned at Arbela. Much wire and property damage.									
Butler, Bates County	16	7 p.	?	?	0	0	0	0	Thunderstorm
Extensive wire and tree damage.									
Wyaconda, Clark Co.	16	8 p.	?	?	0	0	?	0	Thunderstorm
Mobile home destroyed.									
On Saturday morning, June 16, 1973, winds of 75 MPH were recorded with a thunderstorm that moved through St. Joseph, Missouri. A mobile home near Rosecrans Airport was demolished. Its occupants were on vacation. Some power lines were also downed. It was a short-lived storm and lost its intensity as it moved east of St. Joseph.									
The line of thunderstorms that moved out of Kansas into western Missouri the afternoon of June 16, caused extensive damage in Buchanan, Platte, Clay and Jackson Counties. Heavy wind damage to farms, trees and power lines were reported further to the northeast across DeKalb, Davies, Gentry and Harrison Counties. St. Joseph, Missouri, sustained damage losses estimated at \$1,250,000.00. A tornado was observed about 10 miles southwest of St. Joseph at 4:35 p.m. CDT. The tornado moved from southwest to northeast across Wayne Township into Washington Township. As it moved across Mud Lake it lifted water from the lake. Small hail to the depth of one inch accompanied the storm damaging corn, wheat and soybean crops. Much damage was sustained to farm buildings in the area. Estimated length is six miles with no width available.									
In the Metropolitan area of Kansas City, Missouri, the winds destroyed eight aircraft and damaged thirty two at Noah's Ark Airport near Waldron in Platte County. Four aircraft were destroyed in Liberty, Missouri, as the winds hit. Kansas City International Airport recorded gusts to 80 MPH. Tree damage and power outage was extensive with the Kansas City Power and Light Company estimating some 30,000 homes lost electricity. There was one injury by flying glass in Lee's Summit, Missouri, as the winds demolished a drive-in facility.									
A path of damage extending some 25 to 30 miles long was reported from near Pattonburg in Daviess County to Maysville in Harrison County. Three injuries were reported in Harrison County including the driver of a semi-rig which was blown off Highway U. S. 69 north of Bethany. Trees were uprooted, out buildings destroyed and downed power lines were widespread. Witnesses reported hearing a roaring sound and trees being whirled around at Pattonburg but no funnel was observed. The storm struck Pattonburg at 5:30 PM CDT. About 6 PM a funnel cloud was observed north of Jamesport, Missouri, where furniture in the home of Mrs. Cue Hunt was lifted up and swirled around the room. A grinder and mixer in her machine shed remained while the building and rest of the contents disappeared.									
Before moving into Iowa the storm produced widespread damage in Putnam County. The farm of Glenn Quint, eight miles northwest of Unionville, Missouri, lost six barns, hay and hog sheds along with several head of market hogs by what was called a tornado. The storm struck between 7 and 7 PM CDT. As the thunderstorm line trailed back into western Missouri a funnel cloud was reported two miles southwest of Butler, Missouri, at 8 PM CDT. In summary, there were four injuries reported with a storm damage category six.									
Moberly, Randolph County	18	6 p.	?	?	0	0	0	0	Thunderstorm
Two lightning strikes reported.									
Columbia Regional Airport, Boone Co.	18	7:45 p.	?	?	0	0	0	0	Thunderstorm
1/2 to 3/4 inch hail.									
St. Louis and St. Charles Counties	18	7p-8p.	?	?	0	0	?	0	Thunderstorm
A line of severe thunderstorms brushed eastern Missouri from Hannibal to St. Louis. This caused widespread wire and tree damage. A few trailers were overturned. Numerous lightning strikes were reported. Strongest gust at Lambert Field Weather Station was 59 mph. Major structural damage was not reported.									
Poplar Bluff, Butler County	19	4:15 p.	1	300	0	1	5	0	Tornado
A hit-miss track was reported from Poplar Bluff to Puxico. A reliable eyewitness reported a tornado along with a large thunderstorm. Damage was general to large trees and buildings. Much glass damage and sign damage occurred. Damage was reported just west of Poplar Bluff and subsequently at Puxico in Stoddard County (20 NE Poplar Bluff).									
Clay County between Liberty and Kearney Missouri	26	6:35 p.			0	0	0	0	Funnel Cloud
Funnel cloud aloft 15 miles NNE of downtown Kansas City									
MONTANA									
Western Zone	18								High Winds
There were two consecutive days of high winds as a cold front and scattered thunderstorms moved across the state. Thunderstorms caused damage at Eureka with winds estimated at 80 to 90 miles per hour. Hangars and six planes were damaged or destroyed at the Eureka airport. There was scattered damage to trees, barns, and homes in the Eureka area.									
Southeastern Zone	19								High Winds
High winds associated with thunderstorms 50 to 65 miles per hour caused tree and power line damage in the Miles City and Colstrip areas. Falling trees in the Billings area caused isolated damage to cars.									
Northeastern Zone	19								High Winds
A severe thunderstorm with winds estimated at 60 to 70 miles per hour damaged buildings in the Bowdoin community in Phillips County.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MONTANA (continued)</b>									
Southeastern Zone	23							3	High Winds
									Strong winds associated with thunderstorms blew power lines down in the Colstrip area resulting in a power blackout in parts of Rosebud and Powder counties.
Central, Northeast, South Central and North Central Zones	30							3 4	Hail and Strong Winds
									Thunderstorms associated with hail and strong winds moved across the south central, central, and portions of the north central and northeast zones. A band of hail extended from Stanford northeastward to Denton and Winifred. Hail ranged from marble to golf ball size where there was major damage to crops, gardens, and windows. At Winifred in Garfield County, another severe thunderstorm with golf ball size hail destroyed wheat and barley crops, damaged pastures, and broke numerous windows.
Southwestern Zone	30							1 3	
									Severe electrical storms in the Butte and Whitehall areas resulted in disruption of electrical power in the Butte area. One man received severe burns and his hand cracked open when lightning struck a tractor.
<b>NEBRASKA</b>									
Howard County	2	7:30 pm						0 0 1 ?	Hail
									One quarter to an inch and a half hail.
Buffalo County	2	9:00 pm						0 0 0 ?	Hail
									Three-quarter inch hail covered ground near Ravenna.
Nuckolls County	2	9:30 pm	Short	Narrow	0	0		2 ?	Tornado
									Tornado damaged two hog houses near Superior killed one hog. Took tops out of trees.
Hitchcock County	3	8 pm						0 0 0 2	Hail
									Drifts of half inch hail better than a foot deep at Trenton.
Red Willow County	3	9 pm						0 0 0 ?	Hail
									One and a half to two inch hail 17 miles north of Indianola damaging trees and crops.
Gage County	12	Late Afternoon						0 0 0 3	Heavy Rains
									Five and a half inches of rain fell at Liberty with 3 inches of rain in Pawnee County.
Knox County	17	11:30 pm						0 0 3 ?	Wind Damage
									Trees blown over. A granary blown down near Wausa.
Box Butte, Polk, Thayer, Sherman, Howard, Butler, Burt, Thurston, Dawson, Hamilton, Buffalo, Cuming and Nance Counties	17	6 pm to midnight						0 0 ? ?	Hail and Damaging Winds
									Hail ranging from half to an inch and a half inch with some minor wind damage.
Antelope, Brown, Scottsbluff, Box Butte Counties	17	Evening						0 0 4 ?	Wind Damage
									Trees, power lines, small building and shed damaged.
Burt County	17	Evening						0 0 4 0	Lightning
									House struck by lightning and set afire.
Pierce County	18	3 to 4am	17	Narrow	0	0		5 ?	Tornado
									Tornado damage reported at Plainview, Foster and Pierce. Tornado touched down infrequently.
Keith, Burt, Butler, and Lancaster Counties	18	Early Morning						0 0 5 ?	Damaging Winds
									An early morning series of storms caused damage to buildings, trees, power lines, and small sheds.
Cheyenne, Red Willow, Scottsbluff and Kimball Counties	18	Evening						0 0 5 ?	Damaging Winds
Douglas and Dodge Counties	18	Early Morning						0 0 3 0	Lightning
									Lightning struck house and garage doing fire damage to roofs.
Madison County	24	Afternoon						0 0 3 ?	Damaging Winds
									Strong winds caused damage to trees, windows and small buildings.

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<b>NEBRASKA (continued)</b>									
Kimball County	27	Evening						0 0 4 0	Lightning
									Lightning struck oil storage tank, theater house and 200 barrels of oil burned.
Saline County	30	8 pm						0 0 5 ?	Damaging Winds
									Damaging winds downed utility poles, numerous trees, small buildings and signs at Crete. Winds estimated at 65 to 90 mph.
Butler and Seward Counties	30	5 to 6pm						0 0 5 6	Hail
									One of the most destructive storms in history of this area. 3,000 acres of soy beans, 5,000 acres of milo, 3,500 acres of corn, 2,100 acres wheat, 2,200 acres of oats, 600 acres of alfalfa and 4,300 acres of pasture were damaged in Seward County alone.
Chase County	30	Evening						0 0 3 ?	Hail
									A path of hail 3 miles wide and several miles long did medium damage in northwest portion of county.
<b>NEVADA</b>									
<b>NO STORM DATA REPORT RECEIVED FOR THIS STATE</b>									
<b>NEW HAMPSHIRE</b>									
Newport, Sullivan County	2							0 0 4 0	Heavy rain
									Extensive washouts of roads.
Lebanon, Grafton County	11	10:30 p						0 0 0 0	Tornado
									Apparently crossed into New Hampshire from Vermont. Wind gusts 51-70 MPH.
Central-Southern	12							0 0 4 3	Wind, rain, hail, lightning
									Heaviest hit was Littleton and surrounding communities. Trees were blown down, there was crop damage, lightning caused fires and there was light structural damage.
Lisbon, Grafton County	18							0 0 3 0	Wind
									Trees were blown down and structures were damaged.
Stark, Coos County	21							0 1 3 0	Wind, rain
									Violent winds with heavy rain caused a car accident. One person was injured.
Woodstock, Hartland, Grafton County	22							0 0 4 3	Rain
									Thunderstorm accompanied by heavy rain - 3/4" in 15 minutes. Roads were washed out and crops damaged.
Connecticut River Valley	29-30								Floods
									Beginning of flash floods and major river floods continued into July. Estimate of damage will show on July data.
<b>NEW JERSEY</b>									
South Warren and north Hunterdon County	23	Evening						0 0 ? ?	Heavy rain, flash flood
									Heavy thunderstorm rainfall caused overflow of Spruce Run and other streams. Flash flood covered roads, several houses and caused mudslides.
Union	29	11:00 a.	1/2	25				0 0 3 1	Tornado
									Brief tornado touchdown caused roof damage to several homes and uprooted trees.
North Caldwell	29	4:30 p.	1 1/2	35				0 0 4 1	Tornado
									Discontinuous tornado path. Trees uprooted, damage to roofs and chimneys.
<b>NEW MEXICO</b>									
Vicinity Belen Valencia County	27	8:30 p						0 7 4	Wind
									Brief strong wind gusts, probably in association with thunderstorm activity, caused localized structural damage. Mobile home overturned and demolished, trees and small buildings damaged or destroyed. Injuries resulted from glass shards from plate glass window breakage.
Near Santa Rosa Guadalupe County	28	Daytime						1 0	Lightning
									Victim struck by lightning and killed while riding horseback. Two companion riders knocked to ground without injury.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NEW YORK COASTAL</b> Nassau, Rockland and Westchester counties	9	5:00 p. to 7:00 p.			0	1	5	1	Wind, Lightning, heavy rain
									Severe Thunderstorm with wind gusts to 70 mph moved southeastward from eastern Rockland county through Westchester county then into Nassau county. Heaviest wind damage in south central Nassau county cities of Freeport, Franklin Square and West Hempstead. Wind damage to trees, powerlines. Windows damaged in homes and stores.
<b>NEW YORK CENTRAL</b> CENTRAL NEW YORK	5	PM			0	1	*5	C	THUNDERSTORMS
									CATYUGA AND ONONDAGA COUNTIES WERE HARD HIT WITH LOCAL FLOODING, DOWNED TREES, AND POWER OUTAGES. IN THROOP, A VOLUNTEER FIREMAN WAS INJURED WHEN HE STEERED HIS VEHICLE OFF THE ROAD TO AVOID A PIECE OF BURNING FALLING UTILITY POLE, STRUCK BY LIGHTNING. IN SYRACUSE HALL ACCUMULATED TO A DEPTH OF 8 INCHES IN TWO YARDS, APPARENTLY DUE IN PART TO A FUNNELING EFFECT. TIGGA AND BROOME COUNTIES WERE ALSO HARD HIT. IN ENDWELL, A HALF-BUILT HOUSE, A TRAILER, AND A GARAGE WERE DEMOLISHED BY WINDS. IN NICHOLS, 5 CATTLE VALUED AT \$3,600 WERE KILLED BY LIGHTNING.
<b>CENTRAL AND INTERIOR SOUTHEASTERN NEW YORK</b>	6	PM			0	0	*4	C	THUNDERSTORMS
									SCATTERED THUNDERSTORMS FORMED AHEAD OF A COLD FRONT APPROACHING NEW YORK FROM THE WEST, CAUSING LOCAL FLOODING, DOWNED TREES, AND POWER OUTAGES. ORANGE, ULSTER, AND SULLIVAN COUNTIES WERE HARDEST HIT. FLOODING OF CALICOON CREEK WASHED OUT A BRIDGE NEAR KENOZA LAKE AND SEVERAL ROADS WERE FLOODED IN THIS AREA.
<b>FRANKLIN AND CLINTON COUNTIES</b>	11	EVENING					*5	C	THUNDERSTORMS
									THUNDERSTORMS MOVED EASTWARD ACROSS EXTREME NORTHEASTERN NEW YORK. NEAR PLATTSBURGH A TRAILER WAS BLOWN OFF ITS FOUNDATION. IN MOORETS, A BARN WAS DESTROYED WITH APPROXIMATELY \$7,000 DAMAGE. SEVERAL AREAS REPORTED LOCAL FLOODING, DOWNED TREES, AND POWER OUTAGES.
<b>CENTRAL AND INTERIOR EASTERN NEW YORK</b>	12				1	3	*6	C	THUNDERSTORMS
									NUMEROUS THUNDERSTORMS BEGAN FORMING BY LATE MORNING OVER NORTH AND WEST SECTIONS THEN SPREAD SOUTHEASTWARD DURING THE AFTERNOON BEFORE DIMINISHING DURING THE EVENING. IN BROOME COUNTY DURING THE AFTERNOON A VESTAL MAN WAS TREATED FOR SHOCK WHEN LIGHTNING HIT AN AIR CONDITIONER HE WAS OPERATING. IN ST. LAWRENCE COUNTY DURING THE AFTERNOON A YOUTH WAS INJURED BY LIGHTNING WHILE DRIVING A TRACTOR ON A LOCAL FARM. IN ESSEX COUNTY AN ELIZABETHTOWN YOUTH WAS INJURED ABOUT 3 PM WHEN A TREE FELL ON THE CAR IN WHICH HE WAS SITTING. IN WINDSOR COUNTY AROUND 5:15 PM, A FISHPOND YOUTH WAS KILLED WHEN A WIND-BLOWN LIMB STRUCK HIM ON THE HEAD. IN WASHINGTON COUNTY A FORT ANN HAY-FILLED BARN BURNED WHEN STRUCK BY LIGHTNING ABOUT 11AM. IN MADISON COUNTY AN ANTIQUE LAMP SHOP IN ONEIDA WAS SEVERELY DAMAGED BY A LIGHTNING FIRE. THE SCHEMENADY AND SARATOGA COUNTY TOWNS OF SCOTTA, GLENVILLE AND CLIFTON PARK REPORTED HAIL 3/4 TO 1 INCH DIAMETER AROUND NOON. CONSIDERABLE HAIL DAMAGE WAS DONE TO A GREENHOUSE IN GLENVILLE. DURING THE EARLY AFTERNOON A 66 MPH WIND AT SYRACUSE AIRPORT DESTROYED A SMALL PLANE AND DAMAGED TWO OTHERS.
<b>CENTRAL &amp; INTERIOR EASTERN NEW YORK (CONTINUED)</b>	23	EVENING			0	0	*4	C	HAIL
									MANY AREAS REPORTED LOCAL FLOODING, DOWNED TREES, AND POWER OUTAGES. A SEVERE HAIL STORM, WITH HAIL THE SIZE OF WALNUTS DAMAGED CROPS AND BUILDING.
<b>CATSKILLS, HUDSON VALLEY</b>	28 30	PH AM			0	0	*9	C	FLOOD
									AN EASTWARD MOVING COLD FRONT SLOWED TO A CRAWL OVER EASTERN NEW YORK ON THURSDAY, AND FINALLY PASSED INTO NEW ENGLAND LATE ON SATURDAY. THIS ALLOWED LARGE AMOUNTS OF RAIN TO FALL DURING THIS TIME WITH HEAVIEST AMOUNTS FALLING FROM LATE THURSDAY TO EARLY SATURDAY MORNING. ON FRIDAY, SULLIVAN AND DELAWARE COUNTIES REPORTED THE MOST SERIOUS FLOODING SINCE 1947. HARDEST HIT WERE THE TOWNS OF DELHI AND CALICOON. BY SATURDAY, THE REMAINDER OF THE CATSKILLS AND THE HUDSON VALLEY EXPERIENCED SOME FLOODING BUT ON A LESS SERIOUS SCALE. RAINFALL AVERAGED BETWEEN 4 AND 7 INCHES IN THE AREA.
<b>ALBANY COUNTY</b>	30	1815	1.3	10	0	2	*4	C	TORNADO
									AT AROUND 6:15 EST A TORNADO TOUCHED DOWN ONE MILE EAST OF REIDSVILLE, NEW YORK, DEMOLISHING A HOUSE TRAILER. TWO MINOR INJURIES OCCURRED AS THE RESULT OF THIS TRAILER BEING ROLLED ON ITS SIDE. SHORTLY THEREAFTER WITNESSES REPORTED AN 8 x 3 GALVANIZED ROOF BEING CARRIED INTO THE AIR FOR ABOUT 1/2 MILE. A LARGE PORTION OF A ROOF ON A PRIVATE HOME WAS BLOWN OFF. SEVERAL WITNESSES REPORTED THE WINDOWS IN THEIR HOMES HAD BLOWN OUT AND SHINGLES TOWN OFF. NUMEROUS TREES WERE DAMAGED OR BLOWN OVER.
<b>NEW YORK WESTERN</b> Howard, Steuben County	1	10:40 p.			0	0	unk		lightning. Bolt of lightning struck house causing some damage.
<b>NEW YORK (continued) WESTERN</b>	5	5:30 p. to 7:00 p.			0	0	unk		thunderstorms Several houses struck by lightning. Winds downed several poles and trees causing power failures and damage to cars.
	5	evening			0	0	unk		thunderstorms Near Middlesex, Benton, and Bellona, Yates County Heavy rain caused power failures and minor flooding near hillsides along Route 245.
	5	3:00 p.			0	0	unk		windstorm South Corning, Steuben County Unconfirmed tornado caused damages to one store, one house, and downed several trees.
	6	4:30 p. to 5:00 p.			0	0	unk		thunderstorm LeRoy area, Genesee County Limbs and large sections of trees fell causing power failures, blocked streets, and minor damages to several houses. Street flooding due to overflowing storm drains.
	6	4:50 p. to 5:10 p.			0	1	6		thunderstorms Rochester and Webster, Monroe County Extensive wind damage to hundreds of trees, power lines, and 25 to 30 airplanes at Rochester Airport damaged or destroyed. Also several houses were damaged.
	6	5:00 p. to 7:00 p.			0	0	unk		lightning Wayland, Steuben County Two buildings hit by lightning. Minor damages.
	12	1:30 p. to 2:30 p.			0	0	unk		lightning Lockport area, Niagara County Three barns were struck by lightning and destroyed by fire.
	12	noon - 1:00 p.			0	0	unk		lightning Wayland, Steuben County, and Dansville, Livingston County Four lightning strikes damaged barns, trees, and one building. Also one high tension pole.
	12	1:00 p. to 3:00 p.			0	0	unk	unk	thunderstorms Varick area, Seneca County; Pen Yan, Yates County; and Lyons area, Wayne County Wind damaged barns, trailers, trees, and crops. Lightning caused several power failures and fires. One-inch hailstones reported in Lyons.
	20	5:30 p.			0	0	2		thunderstorm Leicester area, Livingston County One mobile home moved partially off its foundation. A few awnings and a barn were felled. Also a tree partially turned over.
<b>NORTH CAROLINA</b>	3	5:00 p.			0	0	4		Hail Storm Stokes County Three minute hail storm damaged \$25,000 tobacco in Peters Creek township.
	8	a.m.			0	0	4		Flash Flood Wilmington Wrightsboro Acres flooded - property damage about \$10,000.
	8	2:00 p.			2	0			Lightning Storm Charlotte Two boys standing under a tree killed by lightning.
	12	p.m.			0	0	4		Flash Flood Charlotte Southeast Charlotte flooded by heavy rains. Property damage \$10 - 15,000.
	13	p.m.			0	0	3		Tornado Burgaw Tornado briefly touched down slightly damaging a trailer. Funnel cloud observed near Fender Memorial Hospital.
	15	p.m.			0	0	5		Flash Flood Charlotte Heavy rains caused flooding in several areas. Property damage about \$50,000.
	16	7:00 p.			0	0	5		Hail Storm Stokes County Hail damaged \$90,000 tobacco in northwest part of county.
	15	p.m.			0	0	5		Thunderstorm South and Central parts of Cleveland & Rutherford Counties Several buildings hit and damaged by lightning. Two houses burned down. Property damage about \$50,000. Water 2 to 3 feet deep in some houses and apartments.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH CAROLINA (continued)</b>									
Harnett County	17	8:00 p			0	0	4		Flash Floods
Dunn area hit by severe thunderstorms and heavy rain causing flooding. Property damage about \$25,000.									
Davidson County	17	10:00 p			0	2	3		Tornado
Tornado touched down north of Lexington damaging a mobile home and injuring a couple.									
Haywood County	17	p.m.			0	4	5		Land Slides
On I-40 near Tennessee line heavy rains caused landslides and damaged highways. Damage around \$35,000. A four car accident resulted from slides injured four people.									
Roanoke Rapids - Weldon area	17	p.m.			0	0	5		Thunderstorms and Flash Floods
Areas were flooded to 3 ft. depths. Property damage by flooding and lightning about \$30,000.									
Elizabeth City	18	a.m.			0	0	5		Flash Flood
Rainfall amounts up to 10 inches in area produced flooding to 3 ft. depths. Property damage near \$50,000.									
Stokes County	23	7:00 p			0	0	4		Hail Storm
Hail damaged \$20,000 tobacco in northwest part of county									
Vance County	24	6:00 p			0	0	5		Hail Storm
Hail hit southern part of county causing \$125,000 damage of which \$100,000 was to tobacco.									
Albemarle	24	p.m.					5		Flash Flood
Near 4 inches of rainfall caused \$100,000 damage. Roads and bridges were damaged in addition to flooded property.									
Statesville	28	6:00 p.-11:00 p			0	0	4		Flash Flood
5.03 inches rainfall caused local flooding up to 3 ft. depths. Property damage \$25,000.									
Glen Raven	28	9:00 p			0	0	5		Lightning Storm
Warehouse and contents destroyed by fire when lightning hit building. Glen Raven near Burlington in Alamance County. Property damage \$100,000.									
Raleigh	29	a.m.			0	0			Flash Floods
Crate Creek flooded large area including several business areas. Property damage near \$10,000,000.									
Durham	29	a.m.			0	0	6	0	Flash Flood
Flood damaged large number of new cars worth about \$1,670,000.									
Franklin County	29	p.m.			0	0	5		Lightning Storm
Bunn School 10 miles southeast of Louisburg hit by lightning and burned. \$175,000 property damage.									
<b>NORTH DAKOTA NO STORM DATA REPORT RECEIVED FOR THIS STATE</b>									
<b>OHIO</b>									
Kent, Portage County	3	7-8p	16	1/2 block	0	0	2		Tornado
Tornado touched down at intersection of Ohio SR 59 and 91 Ston, Ohio and moved eastward through Kent and Brady Lake to the eastern sections of Ravenna. Touchdown mainly along Graham Rd. near the county line of Summit and Portage Counties. Several houses unroofed and a 800 pound door was torn off the new Art building on the Campus of Kent State University. About 30 trees blown down in the city of Kent crushing several cars. Three miles south of Ravenna, golf ball size hail destroyed the entire crop of apples on one of the largest orchards in Portage County.									
Northern Ohio	3	5-9p					4	3	Hail, Heavy rain
A line of heavy thunderstorms moved across Northern Ohio from Lucas and Wood Counties eastward to the Pennsylvania line. A barn was blown over in the Genoa-Oak Harbor area. Numerous reports of funnel clouds, hail and heavy rain were received and considerable urban flooding was reported in Cuyahoga and Lake Counties. Wind damage was reported to power lines and homes between Genoa and Rocky Ridge, and 3/4 inch hail at Catawba Island all in Ottawa County between 5 and 6 pm. The storms moved eastward with numerous reports of funnel clouds over Lorain, Medina, Cuyahoga and Lake Counties between 6 and 8 pm. Heavy rain was reported throughout Cleveland and eastern suburbs. Pavement buckled by flood waters on Cedar Road and extensive street flooding blocking traffic and stranding motorists through east side of Cleveland, Cleveland Heights, South Euclid, and University Heights. Lincoln Elementary School in Wickliffe, Lake County, was damaged by lightning strike. Power lines were downed through									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>OHIO (continued)</b>									
Damascus, Columbiana County	3	8:30p	1	narrow					Tornado
Public reported a tornado touchdown on the Georgetown Damascus Road about 1 1/2 miles south of Damascus.									
Northern Ohio	3	8-11p							Funnel, strong wind
A second line of heavy thunderstorms moved south eastward across Northern Ohio from Lucas and DeFiance Counties to Sandusky and Seneca Counties between 8 and 11 pm. Numerous funnel clouds were reported. Small hail was reported 3 miles west of Lorain, Lorain county, and high winds at St. Marys, Anguize County, both at 10:30 pm. Winds 50 to 60 mph and hail were reported at Bellevue, Huron County at 10:45 pm.									
North Central Ohio	4	7-9p				1	3	2	Windstorm
A line of thunderstorms developed over Hancock and Wyndot Counties about 7 pm and moved eastward to Cuyahoga and Medina Counties by 9 pm. Winds 40 to 70 mph occurred at several locations as the storms moved through and funnel clouds were reported in Erie, Lorain and Cuyahoga Counties. At 7:15 pm at Cadey, Wyndot county, one large block building was blown down and 3 smaller buildings damaged, several trees uprooted and one minor injury. At 7:35 pm at Bucyrus, Crawford County, trees down, winds 75 mph; 8:03 at Bellevue, Huron County, winds 50 to 70 mph; 8:05 pm New London, Huron County winds 40 to 50 mph; 8:30 Spencer, Medina County, winds 60 to 70 mph; at 8:40 pm Chippewa Lake, Medina County, winds 50 mph. At 10:00 pm, Ashtabula, Ashtabula County, damaging winds estimated 50 mph.									
Lake St. Marys, Mercer County	4	6p							Funnel
A funnel cloud was reported about 6 pm by Mercer County Sheriff moving north eastward.									
Plain City, Madison County, Hanisburg, Franklin County	4	6:45p							Funnels
Funnel clouds reported by public about 6:45 pm									
North Central Ohio	5	3-8p							Hail, Heavy rains
A line of thunderstorms moved from Ottawa and Sandusky Counties eastward to Lorain and Medina Counties. Heavy rain and hail were observed with these thunderstorms and numerous funnel clouds were reported over Lorain and Cuyahoga counties. At 3:15 pm 3/4 inch hail was reported at Williston, Ottawa County; at 5:02 pm 3/4 inch hail was reported at North Ridgeville, Lorain County. Heavy rains fell in northern Ohio two inches reported in Henry and Wood counties.									
Greenville, Drake County	5	5:45 a							funnel
A funnel cloud was reported along the south city limits of Greenville Drake County at 5:45 am.									
Bellevue, Huron County	6	6:55p							Funnel
A funnel cloud was reported by the public near Bellevue, Huron County at 6:55 pm. moving northeast at 25 mph.									
Richfield, Summit County	6	9:30p							Funnel
A funnel cloud was reported by the public near Richfield, Summit County at 9:30 pm moving east at 25 mph.									
Carrollton, Carrol County	6	10p							Funnel
A funnel cloud was reported by the Ohio Highway Patrol near Carrollton, Carrol County at 10 pm.									
Shelby County	12	2:30 p			1	1			Electrical Storm
a farmer was killed and his son seriously injured at about 2:30 pm in rural northeastern Shelby County when lightning struck a tractor alongside which they were standing.									
Ironton, Lawrence County	12	4:30-5p			0	2	3	2	Windstorm
Severe thunderstorm with wind gusts to 70 mph. Two persons hospitalized and several minor injuries from flying glass. Many large trees downed and branches up to 8 feet broken. Roll cloud almost on surface just before storm hit.									



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>OHIO (continued)</b>									
Columbus, Franklin County	12	10a-12p					2	2	Heavy rains
									Heavy rains 1 to 2 inches in the Columbus area caused urban flooding of sewers and drains between 10 am and 12 noon.
North Ohio	12	2:50-8:50					3	3	Severe Thunderstorm heavy rain, hail Funnels
									Severe thunderstorms crossed northern Ohio during the afternoon and evening. Several funnel clouds were sighted but none touched down. Hail and gusty winds were quite common. A funnel cloud was sighted near Chardon in Geauga County at 2:50 pm, and near Port Clinton, Ottawa County around 4:30 pm. Heavy rain damaging winds and one-half inch hail occurred at Tiffin, Seneca County, at 3:42 pm. Hail was also reported in Ottawa, Summit, and Cuyahoga Counties between 4 and 4:30 pm; one and one-half inch hail fell at Avon Lake, Lorain County, at 5:05 pm. 5/8 inch hail was reported at Fitchville, Huron County, at 7:45 pm. Strong winds were reported; 52 mph at Marblehead Coast Guard station at 4 pm; At Lyndhurst, Cuyahoga County at 5:45 pm knocking down wires; Gust 50 mph at Reedtown, Seneca County, at 7:45 pm; Gust 50 mph at New London, Huron County, at 8 pm; and gust 42 mph at Mansfield, Richland County, at 8:34 pm. Funnel clouds were sighted around 8:30 and 8:50 pm near Medina, Medina County, and Toledo, Lucas County.
North Central Ohio	16	5:30-10p					3	3	Hail and wind
									A cluster of heavy thunderstorms moved out of Southern Michigan into Lucas, Wood and Ottawa Counties between 5:30 and 7 pm and moved east southeast and dissipated over Ashland and Medina Counties between 9 and 10 pm. Hail up to one inch was reported and wind gusts 45 to 70 mph. Damage mainly due to fallen trees especially Curtice, Ottawa County and vicinity Mansfield, Richland County. Numerous funnel clouds were reported.
Lake Erie Shore-Lucas, Ottawa and Erie Counties	17	midnight 7a					4	3	Flood
									Wind over Lake Erie shifted to North East 15 to 30 knots following passage of a cold front late evening of June 16. Water levels extreme West portion of the lake rose rapidly, reaching 7 1/2 feet above low water datum at Toledo by 3 am and then subsided to less than 5 feet above low water datum by 9 am. Extensive flooding of low lying areas from Toledo eastward to Vermillion, Erie County, occurred with evacuation of residents in these areas.
Gettysburg, Drake County	17	9p	1/2	20	0	0	2		Tornado
									A tornado touched down briefly near Gettysburg around 9 pm. Damage occurred to trees and wires.
Piqua and Fletcher, Miami County	17	2:25- 2:27p	narrow	0	0	0	2		funnel clouds
									Funnel Clouds were reported by the public near Fletcher and Piqua, Miami County around 2:25 and 2:27 pm.
Upper Sandusky, Wyandot County	19	2-3p							Windstorm, Hail
									A line of thunderstorms across northern Ohio causing gusty winds and small hail. 1/2 inch hail was reported at upper Sandusky, Wyandot County at 2:50 pm.
Union County	19	4:36p	1/2	narrow	0	1	3		Tornado
									A tornado touched down briefly in Union County, 20 miles north east of Columbus around 4:36 pm. Damage was light with trees and wires blown down. One man was injured while on a Golf course.
Central Ohio	19	5:50-8:50 p							Funnel clouds
									Funnel clouds were spotted 12 miles northeast of Port Columbus, Delaware County, around 5:50 pm; near Marion, Marion County at 6pm; between Kirksville and Luray, Licking County at 6:40 pm; near Derby, Pickaway County at 8:20 pm and just north of Logan, Rocking County, at 8:50 pm.
Cincinnati, Hamilton County	19	7:10p					3	2	Windstorm
									A severe thunderstorm hit the Cincinnati area at 7:10 pm. Gusts to 58 mph were reported at the Covington Airport. Heavy rain caused urban flooding and many flooded areas.
Defiance, Defiance County	26	3:40p	1/2	narrow	0	0	2		Tornado
									A tornado touched down briefly just north of Defiance. A few barns and trees were blown down.
North and Central Ohio	26	3:40- 8:30			0	?	5	4	Severe Thunderstorm hail, damaging winds Funnels
									Several lines of severe thunderstorms crossed northern Ohio from 3:40 to 8:15 pm., and a few severe storms plagued Central Ohio between 5 and 8:30 pm. Several Tornadoes occurred during the above
<b>OHIO (continued)</b>									
									period and one described in separate listings. Wind gusts of 60 mph were reported at 4:36 pm at Curtice, Ottawa County. A funnel was sighted over Toledo at 4:52 pm. A severe squall line moved over Lake Erie with 75 knots wind from the Ship Roger Blough near middle Siter Island, 57 knots by the ship Cliffs victory 71 degrees at 15 miles from south East Shoal at 5:14 pm. Michel to one inch hail was reported at Oak Harbor, Ottawa County, and winds of 50 knots at Pelee Island. Another squall line in north west Ohio dropped one inch hail at Rising Sun, Wood County, at 5:20 pm; a tornado in Mercer County at 5:22 pm; Hail to 1/2 inch, damaging winds; and funnel clouds through Hancock and Wyandot Counties between 5 and 6 pm. Winds to 70 mph blew down a supermarket sign at St. Marys, Augloize County, at 5:35 pm. A tornado at southwest of Lima at 5:55 pm; and a funnel 5 miles west of Springfield at 6:10 pm. Several funnels were reported in Ottawa, Lake, Montgomery, Lorain, Stark and Summit Counties, and over Lake Erie between 7:20 and 8:25 pm. Winds of 60 mph were measured at Columbus Airport at 8:15 pm.
Mercer County	26	5:20 p	1/2	40	0	-	4		Tornado
									A tornado destroyed a barn in Mercer County around 5:20 pm. There was minor damage to other buildings.
Lima, Allen County	26	5:50p	1/5	narrow	0	0	2		Tornado
									A Tornado touched down briefly just southwest of Lima, Allen County. Damage was minor.
Tiffin, Seneca County	26	7:12p	1/2	narrow			3		Tornado
									A tornado touched down 12 miles west of Tiffin, downing trees and wires, damaging some sheds and the roofs of several houses.
Hancock, County	26	7:13p	2	narrow		1	4		Tornado
									A tornado destroyed one camp ground in Hancock County, causing an estimated \$12,000 damage. One person was injured
Willard, Huron County	26	7:40 p		narrow			2		Tornado
									A tornado touched down only briefly just north of Willard causing only minor damage to trees.
New London, Huron County	26	8p					2		Tornado
									A tornado damaged some trees 2 miles east of New London.
La Rue, Mercer County	28	9:55a		narrow	0	0	4		Tornado
									A tornado demolished a house trailer and knocked down trees and wires 2 miles east of La Rue. No reports of deaths or injuries.
Maplewood, Shelby, County	28	noon			0	0	2		Tornado
									A tornado touched down near Maplewood and returned into the clouds. Funnel clouds were sighted north of Port Jefferson.
Central, Northwest, Ohio	28	11a-5:30p			0	0	2		Funnels, winds small hail
									Several funnels were sighted in Ashland, Franklin, Marion, Fairfield and Wyandot Counties during the afternoon. Very high winds and hail were reported at Bascom just south of Tiffin, Seneca County, at 2:20 pm. Small hail and strong winds were reported in Ottawa County, south east of Port Clinton around 2 pm.
Marysville, Union County	28	4p	1/2	narrow	0	0			Tornado
									A tornado occurred near Marysville, Ohio. No significant damage.
Morrow County	28	6:27p		narrow	0	0			Tornado
									A Tornado was reported by the public in Morrow County. Only minor damage and no deaths or injuries.
<b>OKLAHOMA</b>									
Lindsay, Garvin County	1	10:00 a.- 10:15 a.			0	0	0	0	Funnel aloft
									A funnel aloft was reported by several observers over a 15-minute period to the southeast of Lindsay. It was visible as far away as Baysville, 10 miles ENE of Lindsay. No damage was reported.
Tulsa, Tulsa County	1	2:00 p.- 3:00 p.			0	0	4	0	Wind
									Gusty winds measured at 64 m.p.h. (peak gusts) caused widespread power outages and damage to several buildings, and much tree damage.
Okmulgee area, Okmulgee County	1	4:00 p.- 5:30 p.			0	0	3	0	Wind, flash flooding
									Strong straight wind up to 80 m.p.h. uprooted trees and broke down utility poles. Heavy rain caused some flash flooding.
Near Sayre, Beckham County	1	7:20 p.			0	0	0	0	Funnel aloft
									A funnel aloft was reported 8 miles northwest of Sayre by the public.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (continued)									
Jackson, Greer and Harmon Counties	1	7:30 p.-10:00 p.	28	*8	0	0	4	6	Wind, hail, rain 4 funnels aloft
Straight wind gusts up to 60 m.p.h., hail up to 2 1/2 inches in diameter, and heavy rain, locally to 4.5 inches, caused scattered property and crop damage in the area. Hail damage was mostly in a broad swath in north Jackson, southern Greer and eastern Harmon Counties. One trailer home was damaged extensively and the roofs of two other homes damaged extensively at Altus. The wheat crop was damaged north of Duke where 4.5 inches of rain and large hail fell. Four funnels were sighted aloft in Jackson County. The storm moved from west to east.									
Southwest of Frederick, Tillman County	1	About 10:00 p.			0	0	0	0	Funnel aloft
A funnel aloft was sighted southwest of Frederick. No damage.									
Stillwater, Payne County	1	11:00p-11:30p.			0	0	0	0	2 Funnels aloft
Two funnels were reported north of Stillwater.									
4 1/2 N. Walters, Cotton County	2	Midnight-12:15 a.	2 1/2	400	0	0	3	4	Wind
A thunderstorm with heavy rain and strong winds caused extensive damage to 200 acres of wheat and an estimated \$3,000 damage to buildings and other property.									
Geronomo, Comanche County	2	12:15 a.	Short	Narrow	0	2	5	?	Tornado
An apparent tornado injured two persons in a mobile home and caused \$100,000 damages as it moved eastward 30-35 m.p.h. through Geronomo. Two mobile homes were completely destroyed and several others damaged. A church, school and grain storage tanks were also damaged.									
1 W Lawton, Comanche County	2	12:18 a.			0	0	0	0	Funnel aloft
The funnel was moving to the east at 29 m.p.h.									
Just West of Anadarko, Caddo County	2	11:45 a.			0	0	0	0	Hail
Hail 1 3/4 inches in diameter fell just west of Anadarko but caused no reported damage. The thunderstorm was moving to the northeast at 25 m.p.h.									
2 W Hulbert, Cherokee County	2	2:55 p.	1/2	100	0	0	?	0	Tornado
The only damage caused by the tornado which was moving east was to trees.									
Carter County	2	6:00 p.-10:30 p.			2	0	5	0	Wind, rain, funnel aloft
Thunderstorms with strong winds, heavy rain and scattered hail moved across Carter County and caused 2 deaths and extensive damage to property, trees and power lines. Two children died when strong winds blew a tree across an automobile in which they were passengers. Heaviest damage was in the Wilson and Healdton communities. Some flash flooding also occurred. A rainfall total of 7 inches was measured at the Wilson police station. A funnel was reported 8 miles east of Ardmore.									
7 SE Chouteau, Mayes County	2	About 7:00 p.	1/2	100	0	0	4	0	Tornado
A small tornado destroyed three horse barns and uprooted most of an orchard 7 miles southeast of Chouteau. The storm was moving north-northeast at 30 m.p.h.									
Love County	2	7:00 p.-8:30 p.			0	0	5	?	Wind, hail, 2 funnels aloft
Severe thunderstorms with strong winds and large hail moved across Love County causing about \$50,000 property damage. Hail up to 2 inches in diameter caused extensive damage to roofs and cars in Marietta. Funnels were reported near Leon and near Thackerville.									
Stephens County	2	About 7:30 p.	1	Narrow	0	2	4	4	Wind, hail, funnel aloft
A funnel aloft skipping up and down moved ESE in NE Stephens County. Large hail occurred in Loco and Duncan. Wind and hail damage totaled \$40-45,000. Two persons were slightly injured.									
Muskogee, Muskogee County	2	7:30 p.-9:30 p.			0	0	5	?	Wind
A heavy thunderstorm with strong winds (65 m.p.h.) rain and small hail moved eastward across the City causing extensive damage to roofs electrical lines and some damage to automobiles. Thirty streets were blocked by fallen trees.									
Marietta, Love County	2	8:40 p.			0	0	0	0	Hail
Golf ball size hail fell at Marietta, but there was no reported damage. The storm moved to the northeast at 35 m.p.h.									

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (continued)									
Madill, Marshall County	2	8:00 p.-11:30 p.			0	0	?	0	Wind, funnel aloft
A thunderstorm with 50-60 m.p.h. winds moved from SW to NE across Madill. A funnel was reported. Some wind damage to structures was reported.									
Stroud, Lincoln County	2	Evening			0	0	4	0	Wind
Straight winds with estimated speed of 75 m.p.h. accompanied by rain and small hail caused damage to roofs and electric lines. Some trees were uprooted. The storm moved from SW to NE.									
Bryan County	2	Late Evening			0	0	0	0	3 Funnels aloft
Two funnels were sighted about 4 miles south of Galera. Another funnel was sighted just south of Durant and was about 50 feet above the ground. These storms were moving to the NE at 35 m.p.h.									
Durant and Bryan County	2-3	11:45p.-12:15 a.			0	0	0	0	3 Funnels aloft
Three funnels aloft were sighted. No damage.									
McCurtain County	3	3:15 a.-3:30 a.	10	*2	0	0	4	?	Wind
A thunderstorm with strong winds moved across McCurtain County, uprooted a number of trees and caused damage to a mobile home and several farm buildings. Most extensive damage was in the Pleasant Valley community.									
8 NW Buffalo, Harper County	3	4:20 a.-4:35 a.	**100	25	0	0	0	2	Tornado, funnel aloft
A tornado touched down briefly in open country 8 miles northwest of Buffalo in Harper County. The tornado was on the ground about 15 minutes but caused only minor crop damage. A second funnel remained aloft.									
Holdenville, Hughes County	3	8:45 a.			0	0	4	0	Wind
Strong wind measuring 65 m.p.h. before power was cut off knocked down large trees, broke windows, knocked down power lines and the police radio tower in Holdenville. Other places in the County reported damage to roofs, power lines and trees.									
Seminole, Seminole County	3	9:30 a.-9:45 a.	20	*5	0	0	4	?	Wind, funnel aloft
A thunderstorm accompanied by very strong winds estimated 50-65mph moved across Seminole causing damage to windows, trees, small buildings and barns. The storm moved from NW to SE. A funnel aloft was sighted near Little, north of Seminole.									
Marietta, Love County	4	Midnight-1:30 a.m.	5	100	0	0	4	0	Tornado, wind
A small tornado moving southeastward touched down three times along a path 5 miles in length south of Marietta and caused damage to farm buildings. Winds caused some damage to signs and mobile homes also.									
Blaine and Kingfisher Counties	4	4:30 p.-5:30 p.			0	0	5	5	Hail
Hail ranging up to golf ball size did extensive damage to crops and other property exposed to the elements. Much of the wheat crop was ready for harvest when the hailstorm struck.									
Near Catoosa, Rogers County	4	5:00 p.			0	0	0	0	Funnel aloft, wind, rain
A funnel aloft was reported by Civil Defense officials to be moving northeastward about 30 m.p.h. near Catoosa. Heavy rain some hail and strong wind were reported in the area. No damage was reported.									
Near Lamont, Grant County	4	5:40 p.			0	0	0	0	Funnel aloft
A funnel aloft was sighted 5 miles southwest of Lamont moving northeastward. No damage was reported.									
Near Eddy, Kay County	4	5:40 p.			0	0	0	0	Funnel aloft
A funnel aloft was sighted southeast of Eddy moving east at 20 m.p.h.									
Stillwater area, Payne County	4	6:00 p.m.			0	0	3	0	Wind, funnel aloft
Strong straight wind caused \$5,000 property damage in the Stillwater area. One funnel cloud was sighted aloft. The storm moved to the east at 20 m.p.h.									
Near Ponca City, Kay County, and Osage County	4	6:00 p.	13	100	0	0	4	0	Tornado
A tornado moved eastward just south of Ponca City damaging extensively a hay shed 2 1/2 miles south of Ponca City, unroofed a nearby shed, moved some granaries off their foundations and hurled a nearby shed 150 feet through the air. A piece of metal									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (continued)									
Moore, Cleveland County	4	About 6:00 p.			0	2	4	0	Wind, 2 funnels aloft, hail
<p>several hundred pounds in weight was picked up and moved. The tornado moved eastward into Osage County to a point about 11 miles east of Ponca City just south of Highway 50 damaging a couple of barns, blowing down trees and doing some roof damage.</p> <p>Two funnels were reported near Moore. One was west of Moore and the other was two miles south of Moore. A woman caught in the storm fell injuring herself and her child. Boats were damaged at a marina, and a huge crane was toppled. Numerous windows were knocked out and many cars damaged by large hail reported to be baseball size.</p>									
Yukon, Canadian County	4	6:00 p.	2	50	0	0	?	?	Tornado, wind, funnel aloft
<p>A small tornado moving eastward touched down about 2 miles northeast of Yukon in Canadian County. Farm buildings were destroyed and wheat was damaged. Another funnel was sighted but did not touch down. Minor wind damage occurred in Yukon.</p>									
Stillwater, Payne County	4	6:30 p.			0	0	?	0	Wind, 2 funnels aloft
<p>Strong winds damaged utility lines and trees and destroyed a storage building and garage. Two funnels aloft were reported.</p>									
Oilton, Creek County	4	6:30 p.			0	0	4	0	Tornado
<p>An apparent tornado moving to the east touched down 3 miles east of Oilton badly damaging a home by twisting it off its foundation and taking the roof off. It also destroyed a dairy barn and damaged a mobile home and pump house on neighboring property. Damage to three properties occurred at Silver City 6 miles east of Oilton. Radar indications of tornadic activity were observed 18 miles east of Oilton at 7:00 p.m. No injuries were reported.</p>									
Just S of Cushing, Payne County	4	About 6:50 p.			0	0	3	0	Wind, funnel aloft
<p>Strong straight wind caused considerable damage to a barn just south of Cushing. The storm was moving to the east at 20 m.p.h. A funnel aloft was also reported.</p>									
Hominy, Osage County	4	6:50 p.			0	0	0	0	Funnel aloft
<p>A funnel cloud was reported near Hominy. No damage occurred.</p>									
Near Barnsdall, Osage County	4	About 7:00 p.	1.5	50	0	0	3	0	Tornado
<p>A weak tornado touched down 3 1/2 miles east of Barnsdall, moving northeastward on a 1 1/2 mile long path causing minor damage to a couple of sheds and some signs and damaging trees. This may be the same storm reported as a funnel aloft near Hominy.</p>									
Oklahoma City area, Oklahoma County	4	6:30 p.-8:00 p.			0	0	5	0	2 Funnels aloft, wind, rain, hail
<p>A funnel aloft was sighted north of Bethany at 6:45 p.m. and another east of Draper Lake at 7:45 p.m. moving eastward at 20 m.p.h. Strong winds caused \$50,000 damage to a business in the southeast portion of the metropolitan area, and downed some power lines and trees in the area. Heavy rains flooded underpasses, stalled cars and caused some dwellings to be flooded. Some hail up to golf ball size was also reported.</p>									
Near Norman, Cleveland County	4	7:12 p.	0.4	15	0	0	3	0	Tornado, hail
<p>A small tornado touched down briefly 2.9 miles west of the National Severe Storms Laboratory, moving ENE. Observed by NSSL personnel, it moved over a 0.4 mile path in its brief life span of 1 minute and 15 seconds. Some damage occurred to 3 barns and some homes suffered slight damage from debris. Golf ball size hail preceded the tornado.</p>									
Stroud, Lincoln County	4	7:20 p.			0	0	4	0	Wind, funnel aloft
<p>Strong winds estimated at 70 m.p.h. did considerable damage in the area. A funnel aloft was reported 8 miles southeast of Stroud but apparently did not touch down.</p>									
Near Catoosa, Rogers County	4	7:45 p.			0	0	0	0	Funnel Aloft
Wynona, Osage County	4	About 8:00 p.			0	0	4	0	Wind
<p>Strong winds associated with eastward moving thunderstorms caused extensive damage to a garage and mobile home office and damaged a barn and the roof of a nearby home.</p>									
Maysville, Garvin County	4	8:15 p.			0	0	5	0	Wind, 2 funnels aloft, hail
<p>Two funnels aloft were reported near Maysville. Strong winds caused scattered damage, and hail up to 1 1/2 inches in diameter was reported.</p>									
Okemah, Okfuskee County	4	8:30 p.			0	0	3	0	4 Funnels aloft, wind

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (continued)									
Near Meeker, Lincoln County	4	8:58 p.	12		0	0	0	0	Tornado
<p>Four reports of funnels aloft south and west of Okemah. Strong winds moved a barn northeast of Okemah off its foundation.</p>									
Near Stratford, Garvin County	4	9:48 p.	Short	Narrow	0	0	3	0	Tornado
<p>A tornado was sighted southeast of Meeker about 8:58 p.m. and was sighted later crossing the highway north of Prague as a funnel aloft but was reported to be carrying debris. No reports of damage are known.</p>									
Near Holdenville, Hughes County	4	Evening			0	0	4	0	Wind
<p>A tornado moving eastward about 30 m.p.h. touched down 1/2 mile south of Stratford damaging a farm home and barn, and a nearby tavern. No injuries occurred.</p>									
Comanche County	4	9:30 p.			0	0	?	?	Wind, 2 funnels aloft
<p>High winds estimated at 60-70 m.p.h. accompanied heavy thunderstorms moving ESE through Hughes County.</p>									
Hanna, McIntosh County	4	10:00 p.			0	1	0	0	Lightning
<p>High winds damaged many pecan trees, breaking off huge trees. Two funnels aloft were reported by the public.</p>									
Stephens County	4	Night			0	2	4	7	Wind, hail
<p>A 15-year old boy standing next to the kitchen stove in his home was apparently struck by lightning and hospitalized. He was reported not to have been burned.</p>									
Ardmore area, Carter County	4	11:30 p.	Short	Narrow	0	1	4	0	Tornado
<p>Strong winds in the Bray area destroyed a farm home southeast of town and damaged other structures in town. Two persons were injured at Bray. Damage was noted in the Loco area also. Hail up to baseball size was reported on the east side of Duncan. Crops and gardens received considerable damage.</p>									
Duncan, Stephens County	14	About 6:30 p.	**75	50	0	0	3	0	Wind
<p>A tornado moving SE did considerable damage to several boat storage stalls at a motel.</p>									
Ponca City, Kay County	15	About 3:30 a.			0	1	4	0	Wind
<p>Strong straight wind caused extensive damage to a hanger at Municipal Airport. The storm moved from WSW at 25 m.p.h.</p>									
Dill City area, Washita County	15	5:40 p.			0	0	?	?	Wind, funnel aloft
<p>Strong straight wind caused considerable damage to homes and other buildings in the area. The wheat crop loss was estimated to have been 40 to 50 percent in some areas due to the wind. One funnel aloft was sighted east of Dill City. The storm moved to the NNE at 35 m.p.h.</p>									
2 W Norge, Grady County	16	About 2:40 p.			1	1	0	0	Lightning
<p>One man was killed and another injured when struck by lightning while working with a bulldozer.</p>									
Oklahoma City, Oklahoma County	16	About 3:00 p.			0	0	?	0	Wind
<p>Strong gusty winds with a line of thunderstorms caused scattered damage to power lines and trees in Oklahoma City. A revival tent was blown down in south Oklahoma City. The storm was moving ESE at 20 m.p.h.</p>									
Lawton, Comanche County	16	3:40 p.			0	0	?	?	Wind, hail
<p>Strong straight wind gusting to 55 m.p.h. caused scattered property damage in the Lawton area. One-half-inch hail caused some crop damage. Three-fourths-inch hail was reported at Fort Sill.</p>									
6 N McAlester, Pittsburg County to Hoyt, Haskell County	16	About 5:30 p.	30	75	0	2	4	0	Tornado-waterspout
<p>A tornado first touched down about 6 miles north of McAlester between U.S. Highway 69 and State Highway 113 where two mobile homes were damaged and two teen-age girls received minor injuries. The tornado moved northeast at about 30 m.p.h. intermittently striking the ground. It moved across Lake Eufaula near Arrowhead Lodge and caused about \$1,000 damage to boat docks. It continued northeastward striking down again at Hoyt in Haskell County where a roof was removed from a house.</p>									
West of Stigler, Haskell County	16	6:20 p.			0	0	0	0	Funnel aloft
<p>A funnel was sighted moving ESE at 30 m.p.h.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>OKLAHOMA (continued)</b>									
Near Spiro, LeFlore County	16	6:40 p.			0	0	0	0	Funnel aloft
					A funnel was sighted moving ESE at 30 m.p.h.				
Westville area, Adair County	16	7:20 p.	**200	25	0	0	3	0	Tornado, wind
					A tornado touched down briefly 1 mile east of Westville damaging a farmstead slightly. Strong straight wind gusts caused damage to power lines as a result of falling tree limbs. The storm moved to the SE at 30 m.p.h.				
5 NE Idabel, McCurtain County	16	7:55 p.			0	0	0	0	Funnel aloft
					A funnel was moving east-southeast at 30 m.p.h.				
Washita and Caddo Counties	18	4:00 p.-6:45 p.			0	0	5	5	3 Tornadoes, hail, lightning, 2 funnels aloft
					At least three funnel clouds touched the ground causing extensive damage as a line of very strong thunderstorms moved southeastward across the area. The first of the tornadoes was sighted on the ground about 4 miles west of Binger at approximately 4:45 p.m. This tornado moved in a westerly direction and struck a farmstead 10 miles northeast of Carnegie. Here the roof was removed from the home and the west wall smashed in. Also a peanut combine was lifted 50 feet from a shed in which it was stored and was overturned. The shed was destroyed along with a barn, a truck, a pickup, and two cars at the farm. Roller-type irrigation equipment which had been replaced due to damage from a recent storm, was scattered over a quarter of a mile area. The storm continued southward damaging a second farmstead before totally destroying a farm home 4 miles east of Carnegie. Only the foundation was left from the home east of Carnegie. Although apparently not on the ground all the time, this tornado caused damage along a 15-mile by 100-yard path. The second tornado struck approximately 10 miles southwest of Carnegie in Washita County at approximately 5:00 p.m. and caused heavy damage to a farm home, several barns and sheds, and killed several head of livestock. This path apparently was relatively short since no other damage was reported in the area. The third tornado struck the ground about 6:00 p.m. near the intersection of U.S. 62 and SH 9 damaging several buildings. A large barn was nearly completely destroyed. This tornado also apparently had a short path since damage was confined to a small area. University of Oklahoma meteorology students in the storm area observed 5 funnels, two of which apparently remained aloft. A number of photographs were made by the students. Hailstones up to 1 3/4 inches in diameter damaged crops in scattered areas. Lightning struck a farm home south of Apache causing minor damage. Also lightning struck a cattle feeder near Eakly killing 11 head of cattle. High wind also caused scattered damage in the storm area.				
Frederick, Tillman County	18	5:50 p.-7:30 p.	2.5	240	0	58	6	0	4 Tornadoes, 4 Funnels aloft
					At least four tornadoes and 4 to 5 funnels aloft were reported (most of them photographed) in the Frederick area. The first about 5:50 p.m. and 8 to 10 miles NE and E of Frederick moving SE over open country, and another tornado moving southeast through a farm about 2 miles northeast of Frederick did little damage. The principal damage was done by two tornadoes (2) and (3) several minutes apart about 6:15-6:25 p.m. moving eastward through the city causing damage in an area about 1 1/2 to 2 blocks wide and 2 1/2 miles long. Fifty-eight people mostly from a nursing home which was destroyed were injured. Total damages were estimated at \$2,500,000 resulting from total destruction of 35 homes and 2 mobile homes, 56 homes with major damage, 156 with minor damage and damage to various commercial buildings. Large hail occurred about one hour after the destructive tornadoes.				
3 1/2 E. of Hominy, Osage County	18	About 6:00 p.	2 1/2	75	0	0	5	0	Tornado
					A tornado destroyed two homes, killed 9 head of cattle, tore up 1 1/2 miles of utility poles and lines. The storm moved from the northwest at 18 m.p.h.				
Collinsville area, Tulsa County	18	About 6:45 p.			0	0	3	0	Lightning, 2 funnels aloft
					Lightning struck a hay barn northeast of Collinsville burning it to the ground. A funnel aloft was sighted on the southeast edge of town and another over the western part of town. The storm moved southeast at 18 m.p.h.				
South of Chattanooga, Tillman County	18	About 7:00 p.			0	0	0	0	Funnel aloft
					A funnel aloft moved southeastward at 18 m.p.h.				
Chelsea area, Rogers County	18	About 7:00 p.			0	0	7	7	Wind
					Strong wind damaged trees, utility lines, television antennas, signs and several buildings. Also one trailer home was overturned. The storm moved toward the SE at 12 m.p.h.				
South of Rush Springs, Grady County	18	7:00 p.	3	50	0	1	3	0	Tornado
					A tornado damaged a house trailer south of Rush Springs where one woman was injured. A number of trees were downed in the area. A fruit stand in the area was also damaged.				

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					KILLED	INJURED	PROPERTY	CROPS	
<b>OKLAHOMA (continued)</b>									
Muskogee County	18	7:30 p.			0	0	?	?	Wind, rain
					Strong wind to 65 m.p.h. caused scattered property damage to roofs, trees and utility lines. Over 1 inches of rain caused some flash flooding.				
Cotton County	18	7:30 p.-8:45 p.	15	*2-3	0	0	?	5	Hail, 3 funnels aloft
					Large hail averaging about an inch in diameter with the largest stones about 3 inches in diameter occurred in a swath 2-3 miles wide and 15 miles long from 3 miles northwest of Walters to 10 miles southwest of Temple. The storm moved from north to south. Total destruction of some wheat and forage crops were reported in the area, with partial destruction on the periphery of the hail swath. Considerable roof and window damage was also reported. A funnel aloft was reported 5 miles southwest of Walters at 8:20 p.m. and 2 others were reported west of Walters and southeast of Chattanooga.				
Sulphur, Murray County	18	About 8:30 p.			0	0	?	?	Wind
					Strong straight wind to 70 m.p.h. damaged store fronts, signs, windows, power lines, roofs, and TV antennas. Most of the damage was relatively minor. The storm moved to the ESE at 20 m.p.h.				
Stratford area, Garvin County	18	About 8:40 p.	15	*3	0	0	4	0	Wind
					Straight wind up to 75 m.p.h. destroyed a large hog shed, unroofed some barns, and uprooted trees. One mobile home was destroyed 2 miles south of Stratford. The storm moved ESE at 20 m.p.h.				
Just North of Muldrow, Sequoyah County	18	10:05 p.			0	0	0	0	Funnel aloft
					A funnel aloft was sighted moving eastward rapidly.				
Bryan County	19	4:00 p.			0	0	3	?	Wind, 2 funnels aloft
					Straight wind up to 65 m.p.h. damaged barns in southeast corner of the County and some damage occurred in Durant. Two funnels aloft were sighted southwest of Durant near the Red River. The storms moved on to the east at 25 m.p.h.				
Latimer County	19	About 10:00 p.			0	0	4	3	Wind
					Wind up to 60 m.p.h. caused property damage at Wilburton, Red Oak, and Lucie as an area of heavy thunderstorms moved east-southeastward at about 25 m.p.h.				
Checotah, McIntosh County	22	About 7:00 p.			0	0	?	?	Hail
					Hail up to golf ball size covered the ground, but there was no reported damage.				
<b>OREGON</b>									
NONE REPORTED									
<b>PACIFIC</b>									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>PENNSYLVANIA</b>									
<b>EASTERN</b>									
Lycoming, Sullivan, Columbia Counties	4	3-6 P					3		Wind
					Strong winds accompanying thunderstorms downed trees damaging buildings, downed power lines. Uprooted trees near E. Montoursville and roof off barn at Colley looked suspiciously like tornado activity. A funnel cloud was seen over the river near Bloomsburg.				
Lehigh, Northampton, Berks, Lancaster, Lebanon, Chester, Bucks, Montgomery, Delaware Counties	4	5-9 P			1	4			Thunderstorm, wind, hail, electrical, heavy rain
					Severe thunderstorms triggered by a warm front moving north across the area caused downed trees and power lines, telephone and power outage to thousands. Also cable TV outage to 50,000 customers. Considerable lightning activity with many associated fires, two barns burned, two steers killed valued at over \$3,000. Some hail with these thunderstorms. Probable tornado near Willow St., Lancaster County. Travel trailers overturned and blown about, large trees twisted and pulled straight up out of ground. Heavy rain at Reading caused stream and roadway flooding.				
Lycoming County	5	4-6 P			1	4			Thunderstorm, heavy rain, hail, electrical
					A severe thunderstorm in the Williamsport area caused roadway flooding and a number of lightning fires. Lightning also killed a cow. Hail up to 1 inch diameter accompanied the storm. A storm related automobile accident claimed one life.				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	
<b>PENNSYLVANIA (continued)</b>									
<b>EASTERN</b>									
Adams County	5	5-7 P					4	3	Thunderstorm, heavy rain, wind, hail, electrical
A severe thunderstorm in the Hendersville area caused roadway flooding and a few lightning fires. Some trees were blown down or uprooted. Hail caused some damage to fruit crops.									
Northumberland and Lancaster Counties	6	3-9 P					4		Wind
Thunderstorms accompanied by strong winds toppled trees and damaged houses. Power outages affected 10,000.									
Lebanon, Berks, Cumberland, Dauphin Counties	12	8-11 P					4	3	Wind, electrical, heavy rain
Strong winds associated with thunderstorms destroyed a silo and two house trailers. Many trees down. The destruction of the house trailers look suspiciously like tornado damage. Lightning caused a number of fires with one house and one barn burned. Some flooding in the Reading area. Extensive crop damage from hail (up to one-half inch) in the Lebanon area.									
Union, Northumberland Counties	12	7-9 P					2		Heavy rain
Heavy rain associated with thunderstorms caused roadway and cellar flooding.									
Delaware County	12-13	9P-1A					2	2	Electrical
Power outages due to lightning activity and 2 injuries in storm related automobile accidents.									
Lancaster, Berks, Chester, Montgomery Counties	21	5-8 P						3	Heavy rain, electrical
Lightning activity associated with thunderstorms caused several fires and some power outage. Heavy rain in Lancaster and Berks Counties caused stream and roadway flooding with some buildings flooded.									
Lancaster County	23	Evening					2	3	Hail, heavy rain
Roadway flooding and some hail damage to crops.									
York County	24	5-7 P						3	Heavy rain, wind, electrical
Severe thunderstorms caused stream and roadway flooding, with numerous buildings flooded. Some trees were downed by strong winds and caused power outages along with lightning strikes. One fire due to downed power lines.									
Luzerne, Monroe Counties	24	3-4 P						3	Hail
Hailstones up to one-half inch caused considerable crop damage. Hailstones up to one inch near Tobyhanna.									
Bucks County	27	About 7 P							Thunderstorm, funnel cloud
Heavy thunderstorm just north of Philadelphia with a funnel cloud reported by a pilot.									
Eastern Penna. from Bradford County to York County and East	28-29	From 2 P thru 29th				8	2	60	Heavy rain, flooding, hail, wind, electrical funnel clouds
Tropical air (the remnants of a tropical depression) moved north along the Atlantic Coast and combined with a cold front moving east from the Ohio Valley to produce two days of widespread severe weather over Eastern Pa. This widespread activity lasting for two days is likely the worst severe weather occurrence for Eastern Penna. in many years. Extremely heavy rains caused flash flooding of streams and roadways along with stream and river flooding. In some areas the flooding exceeded that produced by tropical storm Agnes in 1972. Precipitation amounts ranged from 3 to 6.73 inches in a 24-hour period with most of the precipitation occurring in short periods of a few hours in thunderstorm downpours. Bridges and roadways washed out, homes and other buildings flooded with portions washed away. Six of the deaths were drownings in rain swollen streams or rivers. Many trees were downed by wind along with trailers overturned and roofs damaged. Considerable lightning activity with associated fires. Power lines down from lightning, wind, and poles washed out by flooding caused power outages. Hail up to one-half inch was reported in Chester and Berks Counties on the 28th along with funnel clouds sighted in Chester County.									
<b>PENNSYLVANIA (continued)</b>									
<b>EASTERN</b>									
Canton, Bradford County	28	Night	?	?				4	Tornado
Garage demolished, trailer home moved six feet, trees downed.									
Stewartstown York County	28	7:15 P	1-	?				1	1 Tornado
Large trees down, swirling pattern in flattened corn.									
	29	1 A	1/8	?				3	Tornado
Trailer overturned, utility building carried across a yard, large trees twisted off.									
Nazareth Northampton County	29	Morning	?	?				3	Tornado
Large trailer home moved and twisted and a number of large trees twisted off.									
Edgemont Delaware County	29	Noon	3	50-80				4	Tornado
Garage completely destroyed with debris carried 3/4 mile away. Church roof extensively damaged and windows blown out. Automobile thrown up against the church. Many trees uprooted or broken off. Over 1,000 trees lost in Ridley Creek State Park. Definite clockwise circular pattern to downed trees. Two foot long splinter of wood driven 3 inches into large tree trunk. Of the above tornadoes, only the one at Edgemont was verified by NWS personnel.									
<b>PENNSYLVANIA WESTERN</b>									
Butler, Crawford, Mercer and Lawrence Counties	3	10:00 p				0	0	5	4 Heavy rain, wind, hail, electrical
Line of heavy thunderstorms moved eastward through these counties causing scattered local wind and lightning damage to trees, utility lines and buildings, especially in the vicinity of Butler and New Castle. In New Castle, ball stones one inch in diameter were reported and a trailer was overturned. No injuries reported.									
McKean, Elk, Beaver, Indiana and Westmoreland Counties	4	Afternoon				2	0	4	4 Heavy rain, wind, hail, electrical
Scattered heavy thunderstorms over this area caused scattered local damage from wind, lightning and heavy rain to trees, utility lines and storm sewers. Hail was reported in Ridgway. Greatest damage in Greensburg area with 2 deaths from storm-related auto accidents, one home struck by lightning and winds estimated up to 60-70 mph.									
Somerset County	5	8:00 p				0	0	4	3 Heavy rain, wind.
Unconfirmed tornado. Winds 80-90 mph with heavy rain. New building levelled, silo crunched plus other scattered wind damage									
Fayette and Greene Counties	10	3:00 p				0	0	5	4 Heavy rain, wind, electrical
Line of heavy thunderstorms moved eastward through the counties, causing scattered damage to trees and utility lines. Some basement flooding. In Charmichael, three mobile homes were damaged and in Uniontown, a fire was started in a garage from flooding waters mixed with gasoline being ignited by a spark.									
Mercer, Fayette and Westmoreland Counties	12	6:00 p				0	3	4	3 Wind, rain, hail, electrical
Scattered thunderstorms resulted in fallen trees and power and utility lines, with some basement flooding. Some damage from lightning in Uniontown and New Kensington and three men injured as a result of lightning damage in New Kensington.									
<b>PUERTO RICO</b>									
San Juan	26	2:00 p. - 4:00 p.				0	0	0	0 Heavy Rain
Isolated heavy showers and thundershowers developed the afternoon of the 26th causing some flash flooding of poorly drained streets and low lying areas of Metropolitan San Juan. Some low lying areas of Cataño and Bayamon were reported to be under 2 to 3 feet of water. No reports of severe damage were received.									
<b>RHODE ISLAND</b>									
NONE REPORTED									
<b>SOUTH CAROLINA</b>									
Southern and Central South Carolina	8-25						3	0	5 7 Heavy rain, flooding
Excessive rains in the Charleston-Summersville area June 8-25th disrupted traffic. 110 families were evacuated including Tranquill Acres near Summersville, Twin Lake Park near Knightsville, and the Norwood Mall and Trident areas of Charleston. Seventy percent of the Charleston area roads were flooded; thousands of gallons of gas and fuel oil floated out of tanks and more than 1,000 homes were damaged by water. Rainfall of 9.40 inches occurred at Charleston in twenty-four hours with daily and monthly rainfall records established in many areas.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

**SOUTH CAROLINA (continued)**

										Another area of extremely heavy rainfall June 11-15th in Sumter, Clarendon, and Orangeburg County areas resulted in record flooding on the Black River with flood waters causing considerable disruption during the following ten days as crests moved slowly downstream through Williamsburg and Georgetown Counties. Three people in Clarendon and Williamsburg Counties drowned while walking or playing in flood waters.
										Major crop damage occurred especially to tobacco and truck crops from excessive rains and flooding across central, eastern and southern South Carolina.
Easley, S. C.	14	p.m.			0	0	3	0	Windstorm, electrical	Windstorm destroyed mobile home.
Central, Northern and Eastern S. C.	16-22				0	0	4	3	Heavy rain, flash flooding	Scattered areas of excessive rains caused flash flooding at Rockhill, Newberry, Columbia and Charleston.
										In Newberry 25 families were evacuated in the Scott Creek area.
										In Charleston 30 homes were flooded on the 19th.
										Street flooding was reported in the Charleston area.

**SOUTH DAKOTA NO STORM DATA REPORT RECEIVED FOR THIS STATE**

**TENNESSEE**

Johnson City, Washington County	3	Afternoon and night			0	0	3	0	Lightning	Lightning struck a transformer causing power outages in Johnson City and in rural Washington County.
Brownsville, Haywood County	4	Afternoon			0	0	2		Wind	Wind blew down a 49-year old tree in the courthouse square and damaged one car.
Fayetteville, Lincoln County	5	1:10 p.			0	0	3		Wind, rain	One farm home badly damaged.
Lewis County	5	Afternoon			1	0	0	0	Lightning	One man killed by lightning at a commune near Hohenwald.
Kingston, Roane County	5	Afternoon			0	0	5	C	Lightning Flash Flood	2.32 inches of rain measured during the afternoon. Water damaged Kingston courthouse and jail under construction. Two cows killed by lightning.
Columbia, Maury County	5	8:00 p.			0	0	3		Lightning, wind	Some trees uprooted and several transformers hit by lightning causing power outage in Columbia and parts of Maury county.
Midtown, Roane County	5	11:00 p.			0	0	3	0	Lightning	One barn containing hay and farming tools burned as a result of lightning.
Chattanooga, Hamilton County	6	4:00 p. to 5:00 p.			0	0	3		Lightning, Wind	Trees uprooted and transformers struck by lightning caused some power outages in Chattanooga. Some local flooding in the Braithard Road area.
Union City, Obion County	11	2:00 p. to 4:00 p.			0	0	4	C	Flash Flood, rain	Heaviest rain between 2:00 p. and 4:00 p. 24 hour rainfall 4.22 inches. Several businesses flooded. Damage to ground floor stock and office furniture. Some minor wind damage.
Johnson City, Washington County	11	4:15 p.			0	0	4	0	Lightning	One \$50,000 home burned after being struck by lightning.
Carthage, Smith County	12	Afternoon			0	0	4	C	Rain	4.7 inches of rain recorded, most of which fell in one hour. Local flooding and excessive rain caused damage to tobacco crop.
Athens, McMinn County	12	8:00 p.			0	0	4	C	Wind, hail, rain	A few trees uprooted and several houses had minor damage from wind. Ground covered by hail. Crops damaged by excessive rain and hail.
Chattanooga, Hamilton County	13	2:30 p.			0	0	3	0	Lightning	Air conditioning at Memorial Auditorium damaged by lightning also anti-pollution stack at Weyland Foundry knocked down by lightning.

**TENNESSEE (continued)**

Murfreesboro, Rutherford County	13	Mid Afternoon			0	0	3			Flash Flood, wind
										.75 inch of rain fell within one hour causing flash flooding on Sulphur Springs and Franklin Roads. Trees uprooted across power lines caused power outage for 400 to 500 customers for about one hour.
Fayetteville, Lincoln County	13	6:32 p.			0	0	4	C	Wind	One barn destroyed. Trees uprooted caused power outage. Tobacco and garden crops damaged by rain and wind.
Gibson County	14	4:25 p.			0	0	0	0		Funnel cloud reported 9 miles north of Alamo. No damage reported.
Shelbyville, Bedford County	15	Afternoon			0	0	3			One mobile home damaged.
Loudon, Loudon County	17	Afternoon			0	1	0	0		Lightning
										A 16 year old boy struck by lightning. He was paralyzed a few hours and was all right the next day.
Nr Newport, Cocke County	17	Afternoon			0	4	5			Rain
										Heavy rains caused mud slide on I-40 near Newport. Four people injured in mud slide which poured on highway about 6:00 p.
Kenton, Gibson County	19	2:40 p.			0	0	0	0		Funnel cloud
										Funnel cloud reported south of Kenton moving northeast. No damage reported.
Gibson County	19	Afternoon			0	0	5	C		Hail, rain, wind
										Golf ball size hail reported near Trenton and at Bradford. There was extensive crop damage in the county. 1800 acres of cotton destroyed by hail and rain in Frog Jump community and 500 acres of cotton destroyed near Coville community. Erosion and sedimentation from heavy rain also caused much crop damage in the county.
Memphis, Shelby County	19	4:00 p.			0	0	2			Funnel Cloud
										Funnel cloud reported by radar. Considerable dust lifted aloft by the associated roll cloud. Damage reported was slight. A tree was blown down causing damage to one house and fence.
Jackson, Madison County	19	6:47 p.			0	0	2	0		Funnel cloud, lightning
										Lightning struck transformer causing power outage. No wind damage reported.
Harriman, Roane County	21	Afternoon			0	0	3			Rain, Flash Flood
										Drainage water got into several business establishments and some streets flooded for a few hours.
Lincoln County	24	Afternoon			0	0	5	C		Hail, wind, lightning
										Tobacco and corn crops completely annihilated and there was considerable damage to truck crops such as tomatoes. Trees uprooted into power lines caused power outages. Two buildings damaged. Most activity occurred in the Howell, Petersburg and Bellville areas.
Shelbyville, Bedford County	24	6:30 p. to 7:00 p.			0	0	4			Wind, lightning
										One mobile home destroyed. One utility pole struck by lightning causing power outage to 1200 customers from 30 minutes to 4 hours.
Lincoln County	25	1:35 a.			0	0	0	0		Funnel cloud
										Tennessee Highway Patrol reported a funnel cloud off Highway 10 near the Tennessee-Alabama border. No damage reported.
Fairview Community, Clay County	27	6:30 a.			1	1	0	0		Lightning
										A 14 year old girl killed by lightning. Her 13 year old sister was burned but recovered.
Clarksville, Montgomery County	27	4:45 p.			1	0	5	C		Flash Flood, lightning
										An 11 year old boy drowned in a storm sewer on Ft. Campbell which is on the Tennessee-Kentucky border. Flash flooding in the north part of Clarksville caused several businesses to close. Lightning strikes caused power outage in several sections of the city.

**TEXAS EASTERN**

Cypress Mill, Blanco County	1	1:28 pm	1/2	Narrow	0	0	0	0		Tornado
										Tornado was sighted by sheriff deputy 3 miles northeast of Cypress Mill in open country. Short duration and no damage.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>EASTERN</b>									
Liberty Hill, Williamson County	1	6:15 pm							Funnel Aloft
		Moved northeastward without touching ground.							
West Bay, Galveston County	1	6:30 pm							Funnels Aloft
		Several funnels were reported just west of Galveston Island not touching the water.							
Dodge, Walker County	4	3:01 am	25	40	0	0	5	0	Tornado
		Tornado was first reported on the ground near the Dodge community in Walker County. It moved northeastward across northern Lake Livingston, crossed Farm Road 356 eight miles east of Trinity in Trinity County, and ended one mile west of Groveton. In Dodge, one house heavily damaged with boards driven through roof and walls, several barns destroyed, telephone poles downed. On Lake Livingston boats and docks were damaged, trees uprooted. Three cattle reported killed.							
Lake Sabine, Jefferson County	5	8:05 am							Funnel Aloft
		Reported over Lake Sabine not touching down. Moved northward.							
Beaumont, Jefferson County	5	11:55 am							Funnels Aloft
		Several funnels were sighted over north parts of the City.							
Houston, Harris County	5	12:45 pm							Funnel Aloft
		A funnel was reported by State Police over the western edge of Houston moving southwestward. Soon receded into the clouds.							
Baytown, Harris County	5	1:10 pm							Funnel Aloft
		Funnel was sighted by police southwest of Baytown.							
Mountain Home, Kerr County	5	2:15 pm	7	?	0	0	0	0	Hail
		Hail 3/4 inch diameter reported northwest of Mountain Home. Fell on range land with no significant damage.							
Northern Harris County	5	6:10 pm	?	?	0	0	4	?	Wind, Hail
		Hail up to 3/4 inch diameter fell from near Tomball to south of Intercontinental Airport. Winds to 54 mph were measured at Intercontinental Airport with power lines and poles downed, three mobile homes destroyed, and several other homes damaged by falling trees north of Houston.							
Uvalde County	5	6:30 pm	?	?	0	0	0	0	Hail
		Hail up to 3/4 inch diameter occurred at Uvalde and Cline in Uvalde County. The duration was brief and no damage occurred.							
Brazoria County	5	6:55 pm	2	50	0	0	0	0	Tornado
		Tornado was observed on the ground 10 miles northeast of Freeport by Coast Guard. The area was open marsh so no damage occurred.							
Corpus Christi	5	9:30 pm	50	*1	0	0	5	6	Wind, Hail
		A severe thunderstorm formed northwest of Sinton and moved south-eastward over western San Patricio County, across Corpus Christi, and then offshore. Gusts to 60 mph were estimated at Odem with heavy 1/2 inch diameter hail. Crop damage was heavy in San Patricio County with 19,000 acres of cotton and grain destroyed. Property damage was due to wind with most occurring in Corpus Christi where a store roof collapsed.							
Corpus Christi	5	10:15 pm							Funnel Aloft
		The funnel was sighted over the City moving southeastward at 25 mph.							
Corpus Christi	8	9:00 am							Waterspouts
		Two waterspouts sighted in Corpus Christi Bay moving northwest. They did not reach land.							
Sabine Pass, Jefferson County	8	11:19 am							Waterspout
		Waterspout was observed by pilot 10 miles south of Sabine Pass in Gulf of Mexico.							
Bridge City, Orange County	8	12:30 pm							Funnels Aloft
		Two funnels were sighted over Bridge City, quickly withdrawing back into the clouds.							
Victoria, Victoria County	9	10:00 am							Funnel Aloft
		The funnel was sighted 6 miles east of Victoria. It moved north with no reported touch down.							
Bolivar Peninsula, Galveston County	9	10:00 am							Funnel Aloft
		Pilot reported funnel near Bolivar Peninsula.							
Nueces County	11	2:30 pm							Funnel Aloft
		A funnel was reported over northwest Nueces County for a brief period.							

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>EASTERN</b>									
Arcola, Fort Bend County	11	3:20 pm	Short	Narrow	0	0	?	0	Tornado
		Tornado reported by County Sheriff touching down briefly just north of Arcola. A vacant house and a small building were severely damaged at a chemical plant.							
Robstown, Nueces Co.	11	4:30 pm	3	*1/4	0	0	?	5	Hail
		Hail up to 1-3/4 inch diameter fell on a strip of farm land near Robstown causing a 1/3 loss to 6,500 acres of cotton and grain sorghum. Property damage was minimal.							
La Belle, Jefferson County	11	9:05 pm	7	50	0	0	6	0	Tornado
		Tornado was first reported about 3 miles southeast of the Cheek community. It moved across an Exxon refinery causing extensive damage. It continued southeastward doing damage to Steinhagen Rice Dryer, several farm buildings, and killing three cattle. The path ended about 3 miles southeast of the La Belle community. Most reported damage was to the Exxon plant.							
Jefferson County	11	9:07 pm							Funnels Aloft
		Several funnels were reported by City Police departments near Nederland and Groves.							
Galveston	12	Dawn	?	?	0	0	4	0	Wind
		Winds from a severe thunderstorm ripped the roof off the Pleasure Island Marina and hurled a portable building fifty feet.							
Clear Lake City, Harris County	12	7:30 am	3	?	0	0	4	0	Tornado
		The tornado was reported touching down near Clear Lake City bowing metal light poles and damaging two cars at an automobile dealership. Texas Dept. of Public Safety officers reported later observing the tornado briefly south of Ellington Air Force Base but no damage was reported. The funnel was aloft along most of the path length.							
Pasadena, Harris Co.	12	7:30 am	5	?	0	0	4	0	Tornado
		The funnel was reported on the ground at 3 places in this heavily populated area. It was first reported on the ground at 1216 West Southmore Ave. doing damage to an apartment complex under construction. The funnel lifted, moved north before briefly dipping to ground again in north Pasadena. It last touched ground on Federal Road east of Jacinto City where the Sheriff's Department reported windows blown out of a gasoline station.							
Copano Bay, Aransas Co.	12	9:40 am							Waterspout
		Texas Department of Public Safety observed waterspout in the bay. Associated showers were moving southeastward away from shore.							
Corpus Christi	12	10:40 am							Funnels Aloft
		Three funnels were sighted in the area in a 35 minute period. Two were over the City and one was over Flour Bluff.							
Corpus Christi	12	12:55 pm							Waterspout
		Waterspout was sighted in Corpus Christi Bay near downtown bay-front. It moved southeastward away from shore.							
St. Paul, San Patricio County	12	2:27 pm							Funnel Aloft
		The funnel was sighted over the town moving southward.							
Del Rio, Val Verde Co.	12	2:50 pm	1	*1/2	0	2	5	0	Wind
		A strong gust of wind from a thunderstorm hit the Buena Vista area of northwest Del Rio. Eight mobile homes were heavily damaged, the Del Rio Boat and Mini-storage building was unroofed and its concrete block walls damaged, and numerous homes received roof damage.							
Lumberton, Hardin Co.	12	3:35 pm	Short	Narrow	0	0	2	0	Tornado
		The tornado touched down briefly near town of Lumberton. Very minor damage occurred to property; some large trees were twisted and broken.							
Southeastern Texas	13	Morning			10	?	0	C	Heavy Rain
		Rains of 10 to 15 inches fell over southeastern Texas with most of that amount falling on the morning of the 13th. Thirteen counties were affected by the heavy rains with the worse flooding centered around the Houston metropolitan area in the Counties of Harris, San Jacinto, Montgomery, Brazoria, Liberty, and Fort Bend. Deaths reported were drownings. Property damage was greatest in the cities of Houston, Liberty, and Conroe.							
Garwood, Colorado Co.	13	5:50 am	Short	Narrow	0	0	0	0	Tornado
		Texas Dept. of Public Safety reported tornado touching down in field near town of Garwood. Duration was short, several trees were uprooted, but no property damage occurred.							

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued) EASTERN</b>									
Lamar, Aransas County	13	6:20 am	Short	Narrow	0	0	3	0	Tornado
		The tornado was reported touching down briefly near Lamar, then lifting as it moved north. An unoccupied truck was thrown 125 feet into a pond by the tornado with no other damage reported. No further touchdowns were observed.							
McFaddin, Calhoun Co.	13	6:30 am							Funnel Aloft
		The funnel moved north from near McFaddin without touching ground.							
Hillje, Wharton Co.	13	7:15 am	7	Narrow	0	0	3	0	Tornado
		The tornado touched ground briefly near the Hillje community up-roofing trees and knocking one home from its foundation. The funnel lifted, moved northeast, and was last sighted aloft three miles northeast of El Campo.							
Calhoun County	13	7:45 am	8	Narrow	0	0	3	0	Tornado
		The tornado was first reported on the ground on a ranch near Green Lake. It lifted as it moved north northeast, then touched down briefly again near Kamey, damaging 4 mobile homes.							
Goliad, Goliad County	13	9:00 am							Funnel Aloft
		Funnel was sighted near Goliad by State Police moving north north-east.							
Sinton, San Patricio County	13	10:30 am							Funnel Aloft
		A funnel cloud was sighted southeast of Sinton. The associated line of thunderstorms moved southeastward.							
Freer, Duval County	13	10:30 am							Funnel Aloft
		A funnel cloud was sighted eleven miles northwest of Freer in a line of thunderstorms. Movement was southeastward.							
Corpus Christi	13	Noon							Funnels Aloft
		At least 4 funnels were sighted in the Corpus Christi area from noon to 1:00 pm.							
Corpus Christi	13	12:20 pm	5	Narrow	0	0	0	0	Tornado
		A small funnel was reported by the public to have dipped to near the ground in the Hillcrest area of west Corpus Christi, and again near Alameda and Texas Trail in the south part of the City. The funnel was aloft most of the time and no damage occurred.							
Sodville, San Patricio County	13	12:25 pm	Short	Narrow	0	0	3	0	Tornado
		The small tornado dipped briefly to the ground at Farm Road 2046 near Sodville downing power lines and poles.							
Starr County	13	6:30 pm	20	*1/2	0	0	?	5	Hail
		Hail damage was intermittent along a path from 10 miles north of Rio Grande City to the border at Grulla. Little property damage was reported but 450 acres of cotton were destroyed and some grain damaged.							
Port Arthur, Jefferson County	20	5:35 am	13	150	0	0	0	0	Waterspout
		An unusually large waterspout formed in western Lake Sabine just east of Port Arthur and moved northward across the lake. The large, solid, black funnel was visible from Jefferson County Airport ten miles away. No damage was reported to marine traffic on the lake.							
Calallen, Nueces Co.	20	9:00 am							Funnel Aloft
		The funnel was sighted near Calallen but did not touch ground.							
Liverpool, Brazoria County	20	12:30 pm	Short	Narrow	0	0	4	0	Tornado
		The funnel touched down very briefly near Liverpool lasting only about 3 minutes. A mobile home was badly damaged and the roof damaged on one building. The associated thunderstorm moved north with no further funnels sighted.							
Bridge City, Orange Co.	20	12:40 pm							Funnel Aloft
		The funnel was observed east of Bridge City over northern Lake Sabine not touching the surface.							
Meeker, Jefferson Co.	20	2:10 pm	**100	10	0	0	4	0	Tornado
		The tornado path was along the Texas Pipeline at Old Sour Lake Rd. near the Meeker community. Damage was to a section of communication lines as poles were downed and twisted.							
Port Arthur, Jefferson County	20	3:10 pm	15	12	0	0	0	0	Waterspout
		Police observed the waterspout along the Port Arthur sea wall. It moved northeastward into Lake Sabine.							
Edna, Jackson County	20	4:28 pm							Funnel Aloft
		The funnel was sighted to the south of Edna airport.							
<b>TEXAS (continued) EASTERN</b>									
Beaumont, Jefferson Co	24	3:35 pm							Funnel Aloft
		The funnel was sighted 5 to 10 miles west of Beaumont and did not touch ground.							
Santa Rosa, Cameron Co	25	5:40 pm							Funnel Aloft
		The funnel was sighted just north of Santa Rosa. It moved north-east without touching ground.							
Norias, Kennedy County	26	Mid Morning	Short	Narrow	0	0	0	0	Tornado
		Border Patrol reported the funnel touching ground briefly in open range lands 10 miles east of Norias.							
Corpus Christi Bay	26	2:00 pm							Waterspouts
		A waterspout formed just off Padre Island between Flour Bluff and Port Aransas at 1:55 pm. A second waterspout formed just after 2:00 pm in the Bay east of Corpus Christi.							
<b>TEXAS CENTRAL</b>									
Fairfield, Freestone County	1	8:30p			0	0	*4	C	Hail, Windstorm Rain
		Hail averaging 1 inch, with largest stones measuring 4 inches, pelted Fairfield causing widespread damage to gardens, roofs, and automobiles. Winds up to 70 mph uprooted trees while over 3-1/2 inches of rain fell in a short period.							
Iowa Park-Wichita Falls Wichita County	2	4:06p - 4:55p			0	0	?	?	Hail
		Golf ball to baseball size hail fell throughout portions of Wichita County.							
Ballinger Runtless County	2	7:30p			0	0	*4	C	Hail, Wind
		Golf ball to baseball size hail and thunderstorm winds caused some crop damage as well as damage to roofs and windows.							
N. of Saint Jo Montague County	2	8:00p							Funnel aloft
N. of Gordonville Grayson County	2	9:00p							Funnel aloft
Bowie Montague County	2	9:00p							Funnel aloft
		City police reported golf ball size hail.							
Coleman Coleman County	2	9:25p			0	0	?	?	Hail
		Golf ball size hail.							
North Central and Northeast Texas	2-5				0	0	*7	C	Heavy rain, Flooding, Winds
		Thunderstorms dumped from 3 to 6 inches of rain over much of the area. Streets were flooded in many urban areas while high winds caused numerous damage to windows and signs. Flooding began on many rivers and tributaries and was later reinforced by additional rains during the month. Along the Trinity, heavy damage resulted to crops with over 100,000 acres inundated. A break in the levee on the East Fork of the Trinity caused extensive lowland flooding. Flooding also occurred on the Sulphur, Sabine, Angelina, and Upper Neches Rivers. Damage occurred to bridges and roads throughout the basins.							
Fort Worth Tarrant County	2	11:55p							Funnel aloft
		Funnel sighted near Carswell AFB.							
Prairie Hill Limestone County	3	3:35p							Funnel aloft
1E of Marlin Falls County	3	3:45p			0	0	?	?	Hail, Heavy rain, Wind
		3/4 inch hail with up to 5 inches of rain accompanied high winds. Two homes were destroyed with other damage to barns and small structures.							
75W of Groesbeck Limestone County	3	5:00p	8	100	0	0	*5	C	Tornado
		Tornado damaged several houses and destroyed at least one barn. Fences destroyed with several head of livestock killed.							
Palestine Anderson County	3	6:30p	?	?	0	0	5	0	Tornado
		Three houses were destroyed while several automobiles were blown about.							
Cove Springs Cherokee County	3	early evening	?	?	0	3	4	0	Tornado
		One home was demolished causing three injuries.							
Gilmer Upshur County	3	11:00p	?	?	0	0	4	0	Tornado
		Three to four houses damaged.							



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<b>TEXAS (continued)</b>									
<b>CENTRAL</b>									
Talco Titus County	3	11:55p	?	?	0	0	4	0	Tornado
		Several homes damaged; trees uprooted.							
New London Rusk County	3	?			0	0	?	0	Lightning strike
		Lightning struck a 250,000 gallon oil storage tank, but was extinguished within an hour.							
18SW of Comanche Comanche County	4	8:30p			0	0	0	?	Hail
		2-inch hail caused unknown damage to corn crops.							
NW of Mineral Wells Palo Pinto County	5	1:50a							Funnel aloft
Near Clyde Callahan County	5	9:55a			0	0	?	?	Hail
		3/4 inch hail							
Robinson McLennan County	5	1:10p			0	0	?	?	Hail
		3/4 inch hail							
Near Noodle Jones County	16	2:05p							Funnel aloft
Runnels County	16	4:15p 5:40p			0	0	4	?	Windstorm, Hail
		High winds ripped roof off mobile home and carried parts over 300 yards. Also widespread tree damage and numerous power lines down. Golf ball to baseball size hail occurred throughout the county.							
Paint Rock Concho County	16	6:35p			0	0	?	?	Hail
		Hail up to 1-inch in diameter.							
8N of Paris Lamar County	16	7:15p			1	1	2	0	Lightning Strike
		One person was killed and another injured when lightning struck a tent and nearby tree at Pat Mayes Reservoir.							
Near Wichita Falls Wichita & Archer Counties	16	8:38p - 8:53p			0	0	?	?	Hail
		3/4 inch to 2 inch hail.							
W. of Anson Jones County	18	5:06p			0	0	?	?	Hail
		Golf ball size hail							
N. of Wichita Falls Wichita County	18	5:46p - 6:25p							Funnels aloft
		Several funnels sighted.							
Amon Carter Lake Wise County	18	7:55p							Funnel aloft
Abilene Taylor County	18	8:00p			0	0	?	C	Hail
		Golf ball size hail at Dyess AFB.							
Iowa Park Wichita County	18	10:10p			0	0	?	?	Hail
		Baseball size hail							
8E of Sherman Grayson County	19	3:35p							Funnel aloft
Dallas - Tarrant Counties	19	5:00p - 8:00p			0	1	6	0	Wind, Heavy rain, Lightning strike
		Heavy thunderstorm activity produced tornadic winds and heavy rains over much of the metropolitan area. Roofs were blown off several buildings with numerous windows broken at the Goodwill Industries plant in Dallas. Heavy rains closed many streets with over 4 inches recorded in the Arlington Heights area of Fort Worth. Lightning caused several fires with one home heavily damaged by fire. Lightning also struck an apartment complex in Arlington causing one injury.							
Fort Worth Tarrant County	19	6:30p - 7:00p	1/4	500	0	0	5	0	Tornado
		Tornado destroyed or damaged 14 aircraft, some antique, at the Oak Grove Airport in S. Fort Worth. In addition, about 90% of all structures at the airport received some damage.							
4W. of Brady McCulloch County	19	6:15p							Funnel aloft
<b>TEXAS WESTERN</b>									
Memphis area, Hall County	1-2	7:00 p.- 8:00 a.	15	10 mis	0	0	4	5	Flash Flood
		Heavy rain in the Memphis area with accumulation up to 6 inches caused flash flooding. Small cotton in area was heavily damaged requiring considerable replanting. Considerable damage to wheat crop. Some buildings were flooded.							

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<b>TEXAS (continued)</b>									
<b>WESTERN</b>									
5 Miles Northeast Mertson, Irion County	3	2:40 a.							Funnel Cloud
		Funnel cloud moving northeastward was visible for a brief period.							
Snyder, Scurry County	15	5:00 p.- 20:00 p.	8	4 mis	0	0	5	5	Flash Flood and Hail
		Heavy rain with accumulation of up to 7 inches fell over a small area caused flash flooding in and just west of Snyder. Some buildings were damaged and there was considerable soil erosion. Hail to 1 1/2 inches in diameter covered the ground and destroyed small cotton. There was also considerable roof, glass, and automobile damage. Flood and hail damages were about equally divided.							
San Angelo, Tom Green County	16	8:30 p.- 9:00 p.	2	1 mi	0	0	4	0	Hail
		Hail to 1 3/4 inches in diameter did dome roof and automobile damage.							
San Angelo area, Tom Green County	19	4:01 p.- 4:15 p.	?	?	0	0	0	0	Hail
		Hail to 1 1/4 inches in diameter with no reports of damage.							
Afton, Dickens, Spur area, Dickens County	28	5:00 p.- 8:00 p.	20	5 mis	0	0	4	5	Hail and Winds
		Hail to 1 3/4" completely destroyed some fields of small cotton and heavily damaged others. Some building damage occurred, mainly in the Afton area. Peak wind gusts were 60-80 mph, but most of damage was from hail.							
Tulia, Sotcher County	28	6:24 p.- 6:35 p.	4	50	0	0	0	0	Tornado
		Tornado, first sighted 5 miles north of Tulia in open country moving southward, lifted, and disappeared. Wind gusts to 60 mph and marble size hail in Tulia. Some tree limbs blown off but no other damage.							
Big Spring, Howard County	28	7:10 p.- 8:00 p.	10	4 mis	0	6	6	0	Wind and Hail
		Winds to 85 mph destroyed 4 mobile homes and injured 6 of the occupants. A shopping center was unroofed, other buildings were damaged, and power lines were torn down as the storm moved southward across the western portion of the city. Hail to 1 1/2 inches did some roof and automobile damage.							
Odessa, Ector County	28	8:15 p.- 9:00 p.	12	5 mis	0	8	7	0	Wind and Hail
		Hail to grapefruit size and winds to 75 mph damaged more than 10,000 homes and 1,200 automobiles as a storm moved from NNE to SSW across the town. Most of damage was from hail. Injuries were cuts from broken glass.							
Paducah, Cottle County	2	About 3:00 p.	?	?	0	0	3	3	Hail
		Hail to 1 3/4 inches in diameter did some roof damage and caused some damage to crops.							
<b>UTAH</b>									
Ogden, Wever County	14	Morning			0	0	4	0	Heavy rain and flooding.
		A heavy storm which dumped 1.70 inches of rain on the Ogden area beginning shortly after midnight filled storm sewers to overflowing, flooded basements and businesses in several sections of the city. Damage estimates were rated as heavy.							
55 miles west of Hill Field	14	0900 M			0	0	0	0	Funnel Cloud
		A small funnel cloud was observed about 55 miles west of Hill Field but did not touch the ground.							
Springville	14	Fornoon			0	0	4	0	Damaging Wind
		A strong eddy or dust devil gave a 14 year old boy sitting on a chicken coop quite a ride as the building was picked up turned around and set back askew on its foundation. This wind also knocked over about 50 feet of brick wall, ripped off several metal awnings and knocked over a large tree onto a new automobile.							
Wendover	22	0730 to 0800 M			0	0	4	0	Damaging Wind
		Squally winds associated with a line of high level cumulonimbus clouds tipped over two aircraft and stripped the roof off from several hangers at the Wendover Airport.							
<b>VERMONT</b>									
MILTON, CHITTENDEN CO.	11	1945	35	?	0	0	?	?	TORNADO

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<b>VERMONT (continued)</b>									
CHITTENDEN, FRANKLIN AND GRAND ISLE COUNTIES	11	EVENING			0	0	*6	C	THUNDERSTORMS
									THUNDERSTORMS MOVED EASTWARD INTO VERMONT DURING THE EVENING CAUSING CONSIDERABLE DAMAGE IN CHITTENDEN, FRANKLIN, AND GRAND ISLE COUNTIES THE LATTER TWO BEING NAMED DISASTER AREAS BY THE GOVERNOR. IN FAIRFAX, MORE THAN \$800,000 DAMAGE WAS DONE TO A NEW ADDITION TO A SCHOOL. ALSO A BARN CONTAINING 16-18,000 HENS WAS DESTROYED. AROUND 9:15 PM A BARN WAS DESTROYED BY LIGHTNING CAUSED FIRE IN ST. ALBANS CAUSING \$75,000 DAMAGE. NUMEROUS REPORTS OF LOCAL FLOODING, DOWNED TREES, AND POWER INTERRUPTIONS WERE NOTED.
NORTHERN VERMONT	12	AFTERNOON EVENING			0	0	*4	C	THUNDERSTORMS
									SCATTERED THUNDERSTORMS PRODUCED LOCAL FLOODING, DOWNED TREES, AND POWER INTERRUPTIONS BUT NOT AS SERIOUS AS THOSE ON THE 11TH. AT 4 PM GOLF BALL SIZE HAILSTONES WERE REPORTED IN BURLINGTON. THE MOST SERIOUS FLASH-FLOODING WAS REPORTED AT FAIRFIELD CENTER.
NORTHERN VERMONT	13	AFTERNOON			0	0	*5	C	THUNDERSTORMS
									THE MAIN PATH OF THUNDERSTORM ACTIVITY WAS ALONG THE WINOOSKI VALLEY FROM BURLINGTON TO MONTPELIER. ABOUT \$50,000 DAMAGE WAS REPORTED AROUND MONTPELIER.
NORTHERN VERMONT	21	EVENING			0	0	*4	C	FLOODING
	22	MORNING			0	0	*4	C	FLOODING
									IN WHELOCK AND SHEPHERD, FLASH FLOODING OCCURRED FROM A TORRENTIAL DOWNPOUR WHICH BEGAN THURSDAY EVENING AND ENDED FRIDAY MORNING.
BURLINGTON	22	EVENING	?	?	0	0	0	0	TORNADO
									AROUND 9 PM FOR ABOUT ONE MINUTE A TORNADO WAS VISIBLE TO PERSONNEL OF THE BURLINGTON WEATHER SERVICE OFFICE ABOUT ONE MILE EAST OF THE AIRPORT.
NORTHEAST KINGDON	22	EVENING			0	0	*4	C	THUNDERSTORMS
									HEAVY THUNDERSTORMS WASHED OUT SEVERAL ROADS AND BRIDGES.
STATEWIDE	29-30				1	?	*8	C	FLOOD
									RAIN BEGAN THURSDAY NIGHT AND CONTINUED INTO SATURDAY MORNING BEFORE TAPERING OFF TO SCATTERED, BUT STILL LOCALLY HEAVY, SHOWERS DURING THE REMAINDER OF SATURDAY. VERMONT BOUGHT TO BE DECLARED A DISASTER AREA FOR THE WORST FLOODING SINCE 1927. SIX INCHES OF RAIN FELL IN MANY AREAS WITH 7.5 INCHES REPORTED IN JAMAICA. DAMAGE TO STATE HIGHWAYS ALONE WAS ESTIMATED AT \$10 MILLION. CONSIDERABLE CROP DAMAGE OCCURRED. THE RAMPAING BLACK RIVER SEVERELY DAMAGED THE GE PLANT AT LUDLOW. A SIX-YEAR OLD BOY WAS DROWNED WHEN HE FELL INTO THE FLOODED BRANCH RIVER AT BENNINGTON. A SEVENTEEN YEAR OLD BOY WAS MISSING AND FEARED DROWNED IN THE BLACK RIVER NEAR CAVDENISH.
<b>VIRGIN ISLANDS</b>									
					NONE REPORTED				
<b>VIRGINIA</b>									
Winchester	4	5:15 p			0	0			Thunderstorm
									Damaging winds and marble sized hail reported. Amount of damage unavailable.
Richmond	16	4:00 p			0	0	1		Tornado
									Reported by public. Little damage and no injuries reported.
Blackstone	17	3:00 p			0	0	4		Thunderstorm
									House burned to ground after being struck by lightning. Several reports of ball lightning. More than four inches of rain and hail accompanied storm at a few spots.
Hampton	18	1:10 p			0	0	3		Flood
									Heavy rains and high tides combined to put some sections of the city under water.
Northern Virginia	21	4:30-6p			0	0	3		Thunderstorm
									Numerous power outages. Two house fires caused by lightning.
Hampton-Newport News	22	4:30-8p			0	0	3		Flash floods
									Many streets and low lying areas under water. 3.55 inches of rain at Langley AFB.
Madison County	23	Afternoon			0	0	3		Thunderstorm
Berryville	23	7:30 p			0	0			Thunderstorm
									Winds estimated at 60 to 70 mph and more than one inch of rain with hail reported. No damage reports received.
Lawrenceville	27	1:22 p							Funnel cloud
									Reported by pilot extending to 5000 feet above ground.
<b>WASHINGTON</b>									
					NO STORM DATA REPORT RECEIVED FOR THIS STATE				
<b>WEST VIRGINIA</b>									
Parkersburg, Wood county	4	5:30p.			0	0	?	0	Hail
									Hailstones measuring 3/4 inch in diameter were reported. No report of damage.
Dickson, Wayne County	5	4:45p.			0	0	0	0	Tornado
									Funnel cloud touched down briefly. The cloud went through a back yard of one house and picked up a quantity of loose straw and spread it over the area.
Randolph County	5	5:30p.			0	0	0	0	Hail
									Hailstones 3/4 inch in diameter reported 2 inches deep on ground.
Marmet, Kanawha County	21	3a. - 6a.			0	0	5	0	Rain, Flooding
									Slow moving thunderstorms in southeast suburbs of Charleston. Unofficial estimate of between 3 1/3 to 4 inches of rain in 3 hour period. Extensive flooding in Marmet. 2 Houses destroyed, 2 Stores and 22 Houses partially damaged. Water overflow on streets and underpasses, Elk Two Mile Creek out of banks NE of Charleston caused minor road and bridge damage. Minor flooding in Campbells Creek area. Flooding of trucking company parking lot to depths of 3 to 4 feet.
<b>WISCONSIN</b>									
Trempealeau Co.	2	1415	1	50	0	0	4	0	Tornado
									Small tornado touched down near Pigeon Falls and destroyed several buildings on Roger Semb farm on Highway 53. Tornado moved north-eastward.
Marinette Co.	3	1815	5	100	0	0	5	0	Tornado
									Tornado moving northeastward touched down just north of Amberg at Sparkling Springs Campground upending several house trailers and destroying wooden structures. Several acres of trees leveled at campsite and northeastward to Assembly of God Church in Beecher Township.
Wood Co.	8	1445			0	0	0	0	Hail
									3/4 inch hail in Wisconsin Rapids area.
Price Co.	8	1630	2	100	0	0	4	0	Tornado
									Tornado moving eastward touched down along Flambeau Ave. in Phillips uprooting trees and damaging utility poles and buildings.
Calumet Co.	8	1715			0	0	3	0	Hail, Wind
									Strong winds and two-inch diameter hail about 6 NE Chilton. Two hopper wagons carried away by wind and demolished.
Fond du Lac and Dodge Counties	8	1810			0	0	0	0	Hail
									3/4 inch hail in Waupun area and at Juneau.
Chippewa Co.	11	1210			0	0	4	3	Hail
									Hail the size of golf balls damaged roofs and sidings and cars in Bloomer area. Also some crop and garden damage.
Marathon Co.	11	1520			0	0	0	0	Funnel aloft
									Funnel aloft reported near Spencer
La Crosse Co.	11	1600-1900			0	0	4	0	Rain, Flooding
									Slight flooding occurred in LaCrosse and Onalaska area after heavy rains in outlying areas
Rock Co.	12	0500			0	0	5	0	Lightning
									Lightning believed cause of \$250,000 Fire at W. Court and S. River St. in Janesville
Southern Counties	16	1000-1500			3	10	6	0	Wind, Hail
									Large thunderstorm cell entered state from Iowa near Prairie du Chien about 10 AM CST and moved eastward just south of Madison to Milwaukee area by 1400 accompanied by strong damaging winds. Storm damage worst in years in many communities in Grant, Iowa, Lafayette, Green, Dane, Rock, Jefferson, Walworth, Waukesha, Milwaukee, Racine and Kenosha Counties. One man drowned on Lake Michigan, another died of injuries sustained in a fall, and a third was electrocuted during clean-up. Hail up to 2 1/2 inches in diameter at Lancaster. 12 aircraft damaged or destroyed at Burlington. Whitewater one of towns hardest hit.
Northwest to East Central Counties	18	0900-1400			0	1	5	0	Wind, Funnel aloft
									Strong gusty winds 60-80 MPH across Wisconsin from Minneapolis area ESE-ward to Lake Winnebago region. Numerous trees blown down in Eau Claire, Marathon, Waushara areas. Mosinee man injured when struck on the head by flying debris. Funnel aloft reported at Hayward at 1030.
Marathon Co.	18	ca.1100	2	200	0	0	4	0	Tornado
									Tornado moving eastward leveled barn on Brunks Farm, 2 W. Athens.
Shawano Co.	23	1350			0	0	0	0	Funnel aloft
									Funnel aloft reported by public 25 NW Green Bay moving southeast
Waupaca, Outagamie and Brown Counties	23	1700			0	0	5	5	Hail
									Drop and property damage from hail occurred at New London, Hortonville, Black Creek and east of Green Bay.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1973

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>WISCONSIN (continued)</b>									
Washington and Ozaukee Counties	23	1500-1700			0	0	5	5	Hail, Funnel Aloft
									Thunderstorms with large hail reported from 15 NW West Bend south-eastward to southern Ozaukee County. Funnel aloft reported by Brown Deer Police
Burnett Co.	25	0820			0	0	4	3	Hail
									Two-inch hail reported by cooperative observer at Danbury.
Iowa and Sauk Cos.	26	1800	25	50	0	2	5	0	Tornado
									Small tornado moving eastward touched down at Muscoda where several farm buildings were knocked down. Funnel followed river valley and dipped down briefly at 1835 in Spring Green area ripping a hole in high school gymnasium roof. Two youngsters injured by falling branches. Trees were also down along Highway 60 towards Sauk City.
Southern Counties	26	1700-2000			0	0	5	0	Wind, Funnels Aloft
									Strong winds did scattered damage in Grant, Lafayette, Green, Rock, Iowa and Dane Counties. Trees were down in Lancaster, Fennimore, Boscobel, Arena, DeForest and Sun Prairie. Wind gust of 60 MPH at Madison and Ripon. Funnels aloft sighted near Sandy Hook, Edgerton, Madison, and Prairie du Sac.
<b>WYOMING</b>									
Southern Laramie County	11	10:30 p.			0	0	5	0	Wind and hail
									Heavy thunderstorm moving through the Colorado-Wyoming border area, produced winds and large hail which resulted in considerable crop and property damage. Hardest hit were the rural areas near Carpenter and east of Cheyenne. The hail was reputed to be 1 to 1 1/2 inch in diameter near Carpenter and 2 1/2 inches diameter hail occurred and was photographed just east of Cheyenne.
Moorcroft	13	--			0	1	2	0	Wind
									A man was injured when a TV antenna on which he was working was blown over by a strong wind.
Near Gillette	17	5:00 p. 6:00 p.			0	0	4	0	Wind
									A strong wind lifted a large roof from a machine shed.
Most of State	18	--			1	0	5	?	Wind
									High winds hit most of Wyoming and especially the central and east portion resulting in tree and property damage. In Cheyenne a National Weather Service employee recorded a gust to 83 miles per hour at his home. In Riverton a man was blown off a nine-foot wall and killed.
<b>ALABAMA</b>									
Monroeville, Monroe County	1	12:12 p							Funnel Cloud
									Funnel Cloud reported by the public moving east northeast.
Anniston, Calhoun County	6	5:00 a			0	0	2	0	Electrical
									Lightning damage to six sections of roofing at new department store.
Decatur, Limestone County	6	6:10 a							Funnel Cloud
									Funnel cloud observed by National Weather Service personnel just north of Decatur moving east.
Goshen, Pike County	6	10:30 a							Funnel Cloud
									Funnel cloud reported by the public near Goshen moving east northeast.
<b>ALABAMA (continued)</b>									
Childrens Home Community, Covington County	7	afternoon			0	0	4	0	Electrical
									Lightning struck and killed 22 Charleise cattle in wooded area. Estimated loss of 8,000 to 9,000.
McKenzie, Butler County	7	8:00 p			0	0	2	0	Wind
									Minor damage to mobile home.
Mobile, Mobile County	11	afternoon			0	0	2	0	Wind
									Corrugated metal roof of department store damaged.
Plantersville, Talladega County	12	afternoon evening			0	0	4	0	Heavy Rain
									Flash flooding washed out approaches to bridge on Alabama highway 22. Supports to Southern Railway train trestle downstream washed away. Heavy erosion of embankment near city property.
Calera, Shelby County	12	afternoon			0	0	4	0	Wind, Hail, Rain
									Roof of one home blown away. Roof was previously damaged in May 27 storm. Minor damage to several other roofs including that of one industrial plant. Hail up to golf ball size. Heavy rain caused temporary flooding of several streets with traffic rerouted. Some trees down north of Calera.
Elsenor, Baldwin County	14	day			1	2	0	0	Electrical
									Three boys struck by lightning while running through open field. One boy was killed with slight injuries to the other two.
McKenzie, Butler County	17	12:45 p			0	0	0	0	Tornado
									Tornado touched down briefly one mile east of McKenzie.
Summerdale, Baldwin County	19	1:20 p			0	0	0	0	Hail
									Golf ball size hail fell briefly.
Muscle Shoals, Colbert and Lauderdale Counties	20	3:05 p			0	1	?	?	Wind, Rain
									Trees and power lines damaged. One injury due to falling tree. Some flooding.
Limestone County	24	evening			0	0	4	0	Wind, Electrical, Hail
									Mobile home blown three feet from foundation with extensive damage. Large trees uprooted causing some light property damage. Extensive crop damage from hail of golf ball to near baseball size. Lightning damage and many without electricity.
Albertville, Boaz and other parts of Marshall County	25	early morning			0	0	?	?	Electrical
									Power knocked out at TVA primary substation in Albertville creating a chain reaction leading to blackout of much of county.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

LATE REPORTS

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>KENTUCKY</b>									
West	13	DECEMBER 1972 & JANUARY 1973					6°	C	Flooding
<p>The water reached flood stage on the lower Ohio River at most points downstream to Cairo by the 13th; and, rose above flood stage on the Mississippi about December 17th. The Ohio River remained above flood: at Paducah until 1/1/73; at Cairo, until 1/1/73. The Mississippi River remained above flood stage at New Madrid until 12/31/72, and from 1/2/73 to 1/8/73. 110,250 acres were inundated in the counties of Crittenden, Livingston, Marshall, McCracken, Ballard, Carlisle, Hickman and Fulton. Damage to crops in the counties listed estimated at \$720,500; and to other items, \$26,000. The crops damaged were soybeans, corn, wheat and milo. Although this flood damage was considerable it was less than might have been expected. So many crops had already been destroyed or damaged by heavy rainfall during the harvest season that there wasn't much left to be hurt by flooding.</p> <p>Note: For additional information, see the December 1972 and January 1973 issues of the publication <u>Climatological Data National Summary</u>.</p>									
<b>TENNESSEE</b>									
Jonesboro, Washington County	31	p.m.			0	2	4	0	Wind
Scattered wind damage. Mobile home overturned. No serious injuries reported.									
<b>HAWAII</b>									
3 SE of Diamond Head, Oahu	6	2:19 p.							Funnel cloud
Pilot reported funnel cloud almost extended to ocean surface.									
<b>TEXAS</b>									
Band and Ola Communities, Kaufman County	31	4:50 p- 5:10 p	6	300	0	0	3	0	Tornado, Funnel aloft
A tornado cut through pasture and timberland in the Band and Ola communities of Kaufman County, but caused only minor property damage. This tornado and funnel aloft are in addition to, but part of the same storm system as the funnel aloft reported 10 E Kaufman at 5:15 p.m. in the January issue of STORM DATA. The storms moved from southwest to northeast.									
<b>OREGON</b>									
MARCH 1973 NONE REPORTED									
<b>FLORIDA</b>									
ELLENTON MANATEE CO.	3	1:30 AM	1/4	20	0	0	4	0	TORNADO
A small tornado touched down briefly destroying a barn and 500 chickens. Damage estimated \$15,000									
Zephyrhills Pasco Co.	3	1:45 AM	1/4	20	0	0	4	0	TORNADO
A small tornado touched down briefly in the Palm Tree Acres Mobile Home park damaging 40 of the more than 100 mobile homes. Damages estimated at \$30,000									
BRISTOL LIBERTY CO.	3	12:15 PM	1/4	20	0	0	4	0	TORNADO
A small tornado touched down briefly damaging house trailers, trees, and power lines. Damage \$30,000									
INTERLACHEN, PUTNAM CO.	4	6:15 AM	36	75	0	4	5	2	TORNADO
A tornado was first reported in southeast Alchua County and continued on a path through Putnam and St. Johns causing damage with some injuries near Interlachen. There was damage to the Interlachen Senior High School and stadium. Total damage \$100,000									
BRADENTON MANATEE CO.	7	10:53 PM	1/4	20	0	0	3	0	TORNADO
A small tornado touched down very briefly damaging a few houses and cars. Damage was around \$5,000									
SARASOTA SARASOTA CO.	8	12:01 AM	1/4	20	0	0	2	0	TORNADO
A small tornado touched down very briefly damaging a few roofs with less than \$500.00 damage									
VERO BEACH INDIAN RIVER CO.	8	3:00 AM	1/4	20	0	0	3	0	TORNADO
A small tornado touched down very briefly damaging a house trailer and trees. Damage \$1,000									
HAVANA GADSDEN	25	6:23 PM	1/4	20	0	0	4	0	TORNADO
A tornado touched down 3 miles south of Havana damaging 12 mobile homes. Damage \$35,000									
OCEANWAY DUVAL CO. and NASSAU CO.	25	10:15 PM	10	20	0	0	5	0	TORNADO
A tornado touched down several times in Duval and Nassau counties with major damage to Anheuser-Busch Brewery. Total damage \$150,000									
<b>FLORIDA (continued)</b>									
PANAMA CITY, BAY CO.	26	11:04PM	1/2	30	0	6	6	0	TORNADO
The tornado developed over the Gulf and moved ashore near U. S. Highway 98 at the intersection of State Road 79 producing considerable roof damage to a number of motels and small business establishments with water damage caused by heavy rains following the tornado. Total damage estimated \$500,000.									
LIVE OAK SUWANNEE CO.	26	4:00 PM	1/4	20	0	0	4	0	TORNADO
A tornado touched down 14 miles southwest of Live Oak damaging 2 mobile homes and destroying 2 large chicken houses. Damage was \$50,000.									
OCALA, MARION CO.	26	4:00 PM	1/2	20	0	0	3	0	TORNADO AND WINDSTORM
A small tornado touched down briefly on Interstate 75, 14 miles south of Ocala overturning 2 mobile homes. Damage \$5000. A line of thunderstorms produced some damage over the Ocala area during this period.									
<b>KANSAS</b>									
Atchison County	30	9:30 p.			0	0	3	0	Tornado
A small tornado moving from southwest to northeast damaged or destroyed outbuildings on farmstead one mile south and one mile east of Cummings, Kansas.									
<b>OKLAHOMA</b>									
Near Chilocco, Kay Count	30	9:25 p.	**700	60	0	0	4	0	Tornado
A tornado struck a stock farm leveled a barn and 4 other buildings. The tornado was reported to be seen and heard. One man heard the sound 2 1/2 miles to the south of the storm according to news accounts.									
Near Perry, Noble County	30	10:55 p.			0	0	0	0	2 Funnels aloft
Funnel clouds aloft were reported 2 miles east and 1 mile north of Perry and also 3 miles west of Perry.									
<b>OREGON</b>									
APRIL 1973 NONE REPORTED									
<b>UTAH</b>									
Salt Lake City to Wolf Creek Pass	28	12:19			0	0	0	0	Hail
A pilot flying from Salt Lake City to Rock Springs reported a few areas with hailstones the size of golf balls between Salt Lake City and Wolf Creek Pass. No damage reports were received.									
<b>ALABAMA</b>									
Demopolis, Marengo County	7	1:40 p	1	400	0	0	4	0	Tornado
Tornado dipped to ground briefly damaging cotton gin and uprooting trees. Moved northward. Witness saw tornado funnel.									
Coshen, Pike County, Eastern Crenshaw County	8	8:30 a			0	0	5	0	Wind
Considerable wind damage between Troy and Luverne with trees and power lines blown down, one house destroyed and several unroofed.									
Megargel, Monroe County	8	6:57 a			0	2	5	0	Tornado
Tornado touched down near Megargel and moved northeastward. Extensive damage along state route 21 between Megargel and Frisco City.									
Walker and Winston Counties	8	3:05 a	2	500	0	0	0	5	Tornado
Tornado touched down along state route 195 between Jasper and Double Springs. There were no buildings in the path but damage to timber was heavy.									
Tuscaloosa, Northport, Tuscaloosa County	8	3:20 a							Funnel Cloud
Public reported funnel over the Tuscaloosa-Northport area moving northeastward. No indication that it touched ground.									
Guntersville, Marshal County, Geraldine, Rainesville, Dekalb County	8	4:10 a	30	800	2	12	5	C°	Tornado
Tornado first touched ground south of Guntersville and moved northeastward for 30 miles ending just southeast of Rainesville. Numerous mobile homes were destroyed and numerous farm buildings damaged. Several buildings totally destroyed. Both fatalities and most of the injuries occurred as the tornado passed just north of Geraldine.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

LATE REPORTS

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA (continued) MAY 1973									
Most of North Alabama	11	1:20-7:30 p		2	1	6	C°		Wind
									Line of severe thunderstorms entered northwest Alabama around 1:00 p and moved southeastward reaching the Montgomery-Selma area around 7:00 p. Widespread damage to utility lines across the northern half of the state as thousands of trees were uprooted. Numerous buildings sustained roof damage. An industrial plant was unroofed at Hamilton, Marion County and a warehouse lost its roof at Gadsden, Etowah County. At Birmingham, the wind reached 89 mph at 3:50 p—the highest wind gust ever recorded. Several light aircraft at Birmingham Airport were flipped over. Two persons were killed in the Greater Birmingham area by falling trees. Another was injured. There were a number of funnel clouds observed but no definite indication that they touched ground.
Muscle Shoals, Colbert County	11	1:45 p							Funnel Clouds
									Two funnel clouds sighted by public near Muscle Shoals moving southeastward. No definite indication that they touched ground although there was considerable damage in the area from high winds.
Sipsey, Walker County, Oneonta, Blount County, Northeast Tuscaloosa and Jefferson Counties	11	3:45 p-4:00 p							Funnel Clouds
									Numerous reports of funnel clouds as line of severe thunderstorms moved southeastward across area. No definite indication that any touched ground although there was widespread damage from high winds in the general area.
Sayre, Jefferson County	12	12:46 a			0	0			Hail
									Golfball size hail fell for a few minutes about 15 miles northwest of Birmingham.
Hazel Green, Madison County	19	2:40 p	2	500	0	10	5	0	Tornado
									Tornado touched down just northeast of Hazel Green and moved east-southeastward destroying 5 buildings and damaging 30 others. Numerous trees and power lines down. The tornado was part of a cluster of severe thunderstorms that moved east-southeast for 65 miles and also produced the two tornadoes listed below:
Scottsboro, Section Jackson County, Powell Crossroads, Dekalb County	19	4:15 p-4:55 p	15	900	0	9	6	C°	Tornado
									Tornado struck just south of Scottsboro and moved east-southeast through Section to the Powell Crossroads community. Numerous trees uprooted. Hail up to baseball size nearly covered the ground in Scottsboro breaking numerous windows including those in city hall. 15 buildings were destroyed, 80 damaged and 12 mobile homes were destroyed.
Fort Payne, Dekalb County	19	5:52 p	5	400	0	20	6	C°	Tornado
									Tornado formed over ridge just west of Fort Payne adjacent to I-59 and moved east-northeast across floor of valley passing just north of downtown Fort Payne and up Lookout Mountain to the east. 24 buildings including a fire station and church were destroyed, 117 buildings damaged—45 major—and 13 mobile homes destroyed. A large two-story apartment building was pushed 70 feet intact. The city was without power and communications for several hours. Numerous witnesses to the funnel cloud as it slid down the ridge into the city. Some reported two funnels, merging near downtown.
Addison, Winston County	19	6:00 p			0	0	4	0	Wind
									High winds partially unroofed high school gym as line of severe thunderstorms moved across area.
Hayden, Blount County	19	6:57 p							Funnel Cloud
									Civil Defense unit sighted funnel cloud not quite touching ground 30 miles north-northeast of Birmingham. Moved southwest, did not touch ground, but remained visible for 15 minutes.
Gadsden, Hokes Bluff, Etowah County	19	7:00 p-8:00 p			0	0	5	C°	Wind
									High winds uprooted numerous trees in the Gadsden-Hokes Bluff area and throughout most of Etowah County. Numerous buildings received some degree of damage mainly from falling trees.
Pinedale Shores, St. Clair County	19	7:10 p							Funnel Cloud
									Public reported funnel cloud about 40 miles northeast of Birmingham moving southeast. No indication that it touched ground.
Marshall and Etowah Counties, Leeds, Jefferson County	19	10:15 p-10:45 p			0	0			Hail
									Hail up to 3/4 inch diameter fell between Boaz and Gadsden, at Altopna 15 miles west of Gadsden, and at Leeds in eastern Jefferson County.
North and Central Alabama	23	7:30 p-Midnight			0	3	6	0	Wind
									A zone of severe thunderstorms began moving southeast from northwest Alabama around 7:30 p and finally reached the Eufaula area, Barbour County around midnight. There were numerous reports of trees and power lines blown down, buildings damaged,

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA (continued) MAY 1973									
									a few destroyed. There was at least one tornado (see below) and several funnel clouds. One person was injured in Selma from flying glass. Two others, one in Montgomery and one in Opelika were injured from trees falling on autos. Part of Montgomery had power failures lasting up to 5 hours.
Northeast Jefferson County	23	9:30 p	1	400	0	4	4	0	Tornado
									Tornado struck near highway 79 in extreme northeast Jefferson County. Three mobile homes were destroyed. Moved eastward.
Henderson, Pike County	25	12:25 p			0	0	4	C	Tornado
									Tornado dipped down briefly and moved southeastward. Several buildings were unroofed and trees and power lines blown down.
Midland City, Dale County, Dothan, Houston County	25	1:08 p	1	400	0	0	4	0	Tornado
									Tornado sighted first at Midland City. Moved southeast to Dothan area. 3 mobile homes were destroyed, several others damaged.
Linden, Marengo County	25	4:20 p			0	0			Hail
									Hail the size of golfballs fell briefly. Storm moved southeastward.
Opp, Covington County, Troy, Pike County, Ozark, Dale County	26	10:12 a-11:15 a							Funnel Clouds
									Three funnel clouds sighted as thunderstorms moved northeastward through the area. No indication that any touched ground although a State Trooper unit was blown off the highway by high winds in the Troy area.
North and central Alabama	27	afternoon evening							Tornadoes
									The worst outbreak of tornadoes since March, 1932. Actual number of tornadoes reported during the afternoon and evening difficult to determine but the major events are tabulated below. Statewide, there were 8 deaths, 291 injuries, 234 houses destroyed, 582 heavily damaged, 969 with minor damage, 158 mobile homes destroyed, 65 with major damage, 50 farm buildings destroyed and 106 small business establishments destroyed or heavily damaged. The major events of the afternoon and evening:
Cullman, Marshall and Jackson Counties	27	1:30 p-3:00 p	25	500	0	3	5	0	Tornado
									Tornado touched down in the Hulaco community, 22 miles east-northeast of Cullman and remained on the ground for 25 miles ending in Marshall County. There was considerable property damage. The injuries were in the Arab-Eddy area.
Section, Jackson County	27	2:15 p	3	500	0	4	5	0	Tornado
									Tornado, possibly the same one that moved through northeast Cullman and Marshall Counties earlier, moved through the Section community from the southwest. 15 buildings were damaged and several farm buildings were destroyed. Numerous trees uprooted. 4 persons hospitalized.
Bessemer, Jefferson County	27	2:56 p	1	500	0	3	5	0	Tornado
									Tornado struck mobile home park at Rock Mountain Lake 7 miles southwest of Bessemer and moved northeast. Several mobile homes were destroyed.
Odenville, St. Clair County	27	3:35 p	7	500	0	0	5	0	Tornado
									Pilot reported tornado on ground at Odenville. Several buildings destroyed at Moody Crossroads. Numerous trees uprooted. Moved northeast.
Tarrant, Center Point, Jefferson County, northern St. Clair and Etowah Counties	27	5:50 p	40	800	1	76	7	C°	Tornado
									Tornado formed in the air over Hueytown, sighted a short time later over North Birmingham and finally touched ground just northeast of Tarrant. From there it moved northeastward for some 40 miles into Etowah County passing through northern St. Clair County. By far, the most severe damage was at Center Point, adjacent to Birmingham on the northeast where the death and injuries occurred. 32 houses were destroyed, 87 had major damage, 260 minor damage, 48 mobile homes were destroyed, 29 heavily damaged, 35 small businesses destroyed or heavily damaged and 11 farm buildings destroyed. Fatality due to house falling on Center Point family who had gone to basement of home for protection.
Hale, Perry, Bibb, Shelby and Talladega Counties	27	5:20 p	135	800	7	208	7	C°	Tornado
									From the time it first touched down 3 miles northeast of Demopolis it was destined to make the history books. Nearly two hours later when it broke up on the western slope of Mt. Cheaha in eastern Alabama, it had cut a 135-mile path of major destruction in a northeast route across central Alabama. The funnel never left the ground for 65 miles after it first touched down until it passed Montevallo in Shelby County. From Montevallo northeast across Talladega County there were some skips and toward the end, the path flared out to two miles wide in places. First major damage occurred at Greensboro where 72 persons were injured and 1 killed. The route was then over heavily wooded, little populated areas until the National Weather Service Radar Station was knocked out of service at 6:18 p. Moments later it roared into Brent 90-percent destroying the town, killing 5 persons and injuring 56. In the county, mainly Brent and northern Centerville, 67 houses and 27 mobile homes were destroyed and 86 business establishments destroyed.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

CORRECTIONS

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>FLORIDA</b>									
DECEMBER 1972									
3 NW Pensacola Escambia Co.	06	10:10a	1/4	10	0	0	2	0	Tornado
			A tornado swept away several storage sheds in a rural area of Escambia County. Damage was minor. No injuries were reported.						
<b>FLORIDA</b>									
DELETED:									
20 WSW Pensacola	04	10:50a							Waterspout
11 SSW Pensacola	04	11:00a							Waterspout
3 NW Pensacola Escambia Co.	06	10:10a	1/4	10	0	0	2	0	Tornado
			A tornado swept away several storage sheds in a rural area of Escambia County. Damage was minor. No injuries were reported.						
WSW Key West NAS	06	2:25p							Funnel aloft
6 E Palm Beach	07	1:43p							Funnel aloft(2)
			Two funnels aloft were sighted.						
13 SE Palm Beach	08	11:00a							Waterspout
12 WSW Herndon AF	10	2:45p							Funnel aloft
Palatka 33 S Jacksonville Naval Air Station	15	10:55p							Funnel aloft
7 E Miami	15	2:52p							Waterspout
Suwannee County	21	about 1:45p	8	30	0	0	4	0	Tornado
			A tornado touched down several times over an eight mile span of Suwannee County leaving a trail of damage estimated at \$35,000. The tornado moved northeasterly from Dowling Park to Live Oak destroying two mobile homes, a tobacco barn and a frame house. Other minor damage was also reported.						
12 WSW Orlando	21	2:45p							Funnel aloft
5 NE Key West	25	12:15p							Funnel aloft
<b>VIRGINIA</b>									
APRIL 1973									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>WEST VIRGINIA</b>									
APRIL 1973									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
<b>OKLAHOMA</b>									
MAY 1973									
Union City, Canadian County	May 24	4:00 p.	9	300	2	4	6	4	Tornado, 2 funnels aloft
			Description same as original except delete statement "No deaths occurred" and amend next sentence to read "Six were injured. Two seriously injured persons died weeks later".						
<b>SOUTH CAROLINA</b>									
MAY 1973									
<b>DELETED:</b>									
Beaufort County northeast through Horry County	29	1:00 p. - 3:30 p.			1	3	6	4	Wind, hail, electrical, funnels aloft.
			An area of damaging thunderstorms developed in Beaufort County area and moved northeast through Charleston, Summerville, Monks Corner reaching Georgetown area about 3:30 p.m. Funnels observed in Ravenel section of Charleston, near Naval Supply Center, and near Cordesville, a number of buildings damaged, major disruption to utilities in Charleston area.						

- o 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 Million
  - 7 \$5 Million to \$50 Million
  - 8 \$50 Million to \$500 Million
  - 9 \$500 Million to \$5 Billion.

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. Late Reports and corrections will be carried in the June and December issues of this publication.

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