

AUGUST 1979

VOLUME 21

NUMBER 8

STORM DATA



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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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									
Montgomery County	8	3:30p			0	0	0	0	Hail
									Golf ball sized hail reported by the public during severe thunderstorm over eastern sections of city of Montgomery.
Winston County	8	4:00p			0	1	4	0	Windstorm and Lightning
									High winds in a severe thunderstorm overturned and heavily damaged two mobile homes and blew down numerous trees near Haleyville. One house was damaged by lightning and one person was hospitalized briefly due to electrical shock from lightning.
Pickens County	8	5:10p			0	0	0	0	Hail
									Police reported golf ball sized hail during severe thunderstorm about 4 miles east of Reform.
Mobile County	11	3:50p			0	0	0	0	Waterspout
									A waterspout was reported by Alabama Marine Police one half mile offshore, just north of Dauphin Island, moving eastward.
Barbour County	11	8:00p			0	0	4	0	Lightning
									House on county road 79 east of Clayton was struck by lightning and burned to the ground following thunderstorm.
Montgomery County	23	3:00p			0	0	4	0	Lightning
									One house was struck by lightning and set on fire during a thunderstorm. Damage to the house was estimated at \$15,000.
Mobile County	25	11:46a			0	0	0	0	Funnel Clouds
									City of Mobile Police reported funnel clouds were sighted by the public, one near cochrane bridge on the Mobile River, and another 10 miles north of the causeway.
Baldwin County	25	2:15p			0	0	0	0	Funnel Cloud
									Robertsdale Police Department reported funnel cloud two and one-half miles south of Robertsdale.
Barbour County	26	3:00p			0	0	4	0	Windstorm
									Coast Guard Auxiliary reported several bass boats and two house boats sank during a thunderstorm on Lake Eufaula. Loss was estimated at \$50,000.
Lawrence County	27	7:00p			0	0	4	0	Flash Flood
									More than four inches of rain fell in less than one hour during a thunderstorm in Moulton, resulting in flash flooding of three mobile homes, several business establishments, and a number of parked cars.
Blount County	31	2:15p			1	6	0	0	Lightning
									Football coach was struck and killed and six players were injured slightly by lightning. Incident occurred during practice session in moderate thunderstorm at high school in Cleveland.
ALASKA									
Kenai Peninsula	9-22				0	0	3	0	Heavy Rains and River Flooding
									Heavy rains on the Kenai Peninsula Aug. 9-10 and Aug. 16-17 caused minor flooding on streams near Seward on those days. The Kenai River at Cooper Landing, on the central Kenai Peninsula, was above flood stage Aug. 10-22, reaching a crest 1.3 feet above flood stage on the 17th. Flooding was minor -- with some roads under water and minor damage.
ARIZONA									
Marana Pima County	6	7:15 p.			0	4	6	0	Wind
									A severe thunderstorm with winds up to 80 p.m.h. and two inches of rain caused \$750,000 damage in the Marana area. Forty mobile homes and several houses were heavily damaged or destroyed. In addition about 60 more mobile homes received minor damage. There were no deaths or serious injuries and only four persons received minor injuries.
Tucson Pima County	12	4:14 p.			0	0	0	0	Funnel Cloud
									A funnel cloud formed over the northwest side about eight miles northwest of the airport. It was photographed by the public.
Flagstaff Coconino County	12	Afternoon			0	5	5	0	Wind
									Winds from thunderstorms caused two unrelated aircraft crashes in the area. Three persons were injured when their light plane slammed into a house. Two men were injured when a military helicopter crashed south of the city.
ARIZONA (continued)									
Casa Grande Area Pinal County	14	5:05 p.			0	0	4	5	Hail, Rain
									Hail damaged \$000 acres of crops, mostly cotton, and one and one-half inches of rain damaged irrigation ditches.
Kansas Settlement-Cochise Area Cochise County	13, 14, 15	Afternoons			0	0	5	7	Hail, Rain
									The worst hail storm in 20 years hit this farming area on three successive afternoons with a total crop damage of \$7,500,000. The hardest hit was a strip 4 miles wide and 20 miles long around Kansas Settlement. Golf ball size hail occurred on all three afternoons with the worst damage on the 15th. Destroyed were: 4000 acres of corn, 2500 acres of cotton, 1500 acres of grain sorghum, 600 acres of lettuce and 250 acres of cantaloupes. Severe damage was done to another 2500 acres of cotton, 400 acres of lettuce and 200 acres of watermelons. Flooding from up to three inches of rain each day caused further damage to crop land, pumps and irrigation ditches.
Apache County	14	5:24 p.	1	50	0	0	0	0	Tornado
									Pilot reported tornado about midway between Lakeside and Springerville.
Tempe & Mesa Maricopa County	15	Evening			0	0	4	0	Hail, Wind, Rain
									A thunderstorm with golf ball size hail, wind and up to 2 inches of rain battered much of these cities. Power lines were downed, roofs damaged and streets flooded.
Flagstaff Coconino County	15	Afternoon			0	0	0	0	Funnel Cloud
									A funnel cloud was reported by the public about 30 miles west-northwest of the city.
Tucson Pima County	15	Afternoon			0	0	4	0	Hail, Rain, Wind
									A thunderstorm concentrated on the northeast section produced golf ball size hail, up to 2 inches of rain and strong gusty winds. The heaviest hail was centered about 15 miles northeast of the airport. The storm produced street flooding, power outages and some damage to houses and mobile homes.
Redington Pima County	15	3:00 p.			0	0	0	0	Hail
									Golf ball size hail was reported in the area.
Marana Pima County	15	3:30 p.			0	0	0	0	Hail
									Golf ball size hail was reported in the area.
ARKANSAS									
WISON - Cleveland County	1	Morning			0	0	3	0	Lightning
									Lightning caused a fire which damaged a home.
18 Miles East of Little Rock - Lonoke County	2	11:05 a.							Funnel Cloud
									A funnel cloud moving northeastward was reported by a low flying aircraft.
15 Miles West of Lake Village - Ashley County	2	11:20 a.							Funnel Cloud
									A funnel cloud moving northeastward was reported by the public.
Between Cove Lake and Mt. Magazine - Logan County	3	12:25 p.							Funnel Cloud
									A funnel cloud moving northward was spotted by the public.
Little Rock - Pulaski County	10	3:30 p.			0	0	4	0	Lightning
									Lightning caused a fire which heavily damaged a home in the central part of the city. Damage was estimated at 13 thousand dollars.
10 Miles Southwest of Ashdown - Little River County	15	1:30 p.			1	1	0	0	Lightning
									A sixteen-year old boy was killed and another boy was injured when lightning struck them while they were clearing a wheat field.
6 Miles Northeast of Clarksville - Johnson County	20	7:10 p.	200	15	0	0	0	0	Tornado
									A tornado moving eastward touched down briefly and downed several trees. No other damage was reported.

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ARKANSAS (continued)									
Antioch - White County	21	11:00 a.			0	0	4	0	Lightning
									Lightning caused a fire which destroyed a recently completed home.
Sherwood - Pulaski County	21	11:20 a.			0	0	2	0	High Wind
									Thunderstorms produced high winds which caused some minor property damage and also damaged several trees.
Jacksonville - Pulaski County	21	11:35 a.			0	0	1	0	Heavy Rain/ High Winds
									Heavy rain and high winds produced by thunderstorms moving through the area caused extensive damage to several homes and businesses. The roof of one department store caved in after rain accumulated on it during the storm. No damage estimate was available.
Searcy - White County	21	12:58 p.			0	0	5	0	Lightning
									Lightning caused a fire which destroyed a home in the city. Damage was estimated at 75 thousand dollars.
North Little Rock - Pulaski County	22	10:30 a.			0	0	4	0	Lightning
									Lightning caused a fire which damaged a home in the Indian Hills subdivision. Damage was estimated at over 5 thousand dollars.
North Little Rock - Pulaski County	22	10:30 a.			0	1	0	0	Heavy Rain/ Flooding
									An eleven-year old boy was playing in a ditch, and was swept into a culvert and became stuck. He was rescued by firemen.
Just East of Hamburg - Ashley County	23	Evening			0	0	5	0	Lightning
									Lightning caused a fire which destroyed an office building at a grain purchasing company. Damage was estimated at 50 thousand dollars.
Trumann - Poinsett County	27	5:52 p.			0	0	4	0	Lightning
									Lightning caused fires which damaged two homes in Trumann.
Little Rock - Pulaski County	28	1:45 a.			0	0	3	0	Lightning
									Lightning caused a fire which damaged a home in the eastern part of the city. Damage was estimated at over 2 thousand dollars.
Des Arc - Pulaski County	28	4:00 a.			0	0	3	0	Lightning
									Lightning damaged several electrical items when it struck a home in Des Arc. Damage was estimated at one thousand dollars.
Extreme Southwestern Drew County	29	12:30 p.			1	1	0	0	Lightning
									A fifty-one year old man was killed and another man was injured when lightning struck a large tree under which they had sought shelter during a thunderstorm.
CALIFORNIA NORTHERN & CENTRAL									
									NONE REPORTED
CALIFORNIA SOUTHERN									
Imperial County	11								A Reno dentist was struck by lightning in Imperial County near Walker. The horse he was riding was killed. The man was in serious condition with numerous internal and external burns. (He was unable to learn if the man survived.)
COLORADO									
Sterling	8	evening			0	0	2	0	High Winds
									High winds felled trees and a radio tower.
Front Range area	9-10	Overnight			0	0	5	3	Severe Thunderstorms
									Thunderstorms dumped up to 3 inches of rain overnight in many spots from Fort Collins to Pueblo. Many street intersections and basements were flooded, with considerable water damage to some homes. Power outages were common, including one at Stapleton International Airport. Rainfall was very intense. Half an inch fell in just ten minutes at Stapleton twice; once at 6 PM on the 9th and again at 5 AM on the 10th. Crops were damaged by heavy rain and small hail, mainly in the Pueblo area. A home in Niwot was badly damaged by lightning.
Alamosa County	14	1500			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted 5 miles south of Alamosa.
COLORADO (continued)									
Fort Collins area	15	1600			0	0	3	0	Lightning
									At least nine homes in the Fort Collins-Loveland area sustained minor damage when hit by lightning. Numerous power outages were reported. Up to 3 inches of rain fell in the area.
Denver Area	15	2000			0	0	0	0	Hail
									3/4 inch hail was reported in Southglenn and Lakewood.
Front Range Area	16	1700-2000			0	0	3	3	Severe Thunderstorms
									Thunderstorms drenched many spots from Loveland south to Denver. 1.2 inches of rain fell in just 12 minutes at Empire; 1.5 inches doused Longmont in 30 minutes. High winds, heavy rain, small hail, and lightning caused crop damage, power outages, and flooding of streets and basements.
Front Range Area	18	Afternoon			0	1	3	2	Severe Thunderstorms
									More severe thunderstorms brought torrential rain and local flooding. The rain was blamed for an injury when a climber fell on a peak near Estes Park. Golfball size hail fell near Ward and also west of Boulder. Heavier rainfall amounts included 2.4 inches in an hour north of Loveland, and 1 1/2 inches in 25 minutes in southeast Aurora.
Limon	18	1800			0	0	0	?	Hail
									Hail 1 1/2 inches in diameter fell at Limon, along with over an inch of rain in a short time.
Front Range Area	19	Late aftn. Evening			0	0	3	?	Severe Thunderstorms
									Heavy thunderstorms brought more minor flooding to areas from Loveland south to Castle Rock. Hail up to 1 inch in diameter fell in southeast Aurora, and some lightning damage was reported. 1 2/3 inches of rain fell in an hour at Tintown, southwest of Denver.
Fort Collins	21	1825			0	0	0	0	Hail
									Golf Ball size hail fell in parts of Fort Collins.
Nunn	24	1430			0	0	0	3	Severe Thunderstorms
									Heavy rain and hail damaged crops in the Nunn area.
Brush	25	1630			0	0	3	0	Hail
									Golf ball size hail fell in Brush, causing minor damage to numerous cars, roofs, and windows.
El Paso County	25	1600-1730			0	0	4	0	Severe Thunderstorms
									A thunderstorm developed on the lee side of Pikes Peak. Heavy rain caused Fountain Creek to rise rapidly, washing out a few streets in Colorado Springs.
El Paso County	26	1500			0	0	3	0	Severe Thunderstorms
									4 inches of rain fell at Fountain in 1 1/2 hours, and lightning damaged four houses in Colorado Springs. Some power outages were reported.
Lakewood	27	1640			0	1	0	0	Lightning
									A woman was slightly injured when struck by lightning in Lakewood
Fort Collins	30	1650			0	0	2	0	High Winds
									Wind gusts to 55 MPH caused minor damage three miles north of Fort Collins.
Aurora	30	1700			0	0	3	0	High Winds
									Wind gusts of 55 MPH broke windows and blew roofing equipment off a building in Aurora. The debris fell 12 stories, damaging cars below.
CONNECTICUT									
									SEE END OF TABLE
DELAWARE									
New Castle County	2	1:30 p- 3:30 p			0	0	3	0	Wind, Lightning
									Series of heavy thunderstorms moved through the area, causing some power outages over scattered sections. Mobile-home park rental office tipped over by winds which gusted to nearly 50 mph.
New Castle County	10	8:00 p- 9:00 p	2	100	0	0	5	0	Tornado
									Apparent small tornado touched down briefly at an industrial park between Glasco and Bear. It reduced a 15,000-square-foot warehouse to rubble, doing damage estimated between \$150,000 and \$200,000. Nearby trees were uprooted and a trailer turned over and demolished. Continuing southeastward, to the port of Delaware City it broke an oil tanker loose from its cable moorings and caused structural damage to equipment on the loading dock. Total damage estimated at \$300,000.
Sussex County	26	3:00 p- 4:00 p			0	0	3	0	Lightning
									Church in Lewes received minor damage when chimney was struck by lightning. In Nassau lightning struck a gasoline pump causing a brief fire and little, if any, damage.

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FLORIDA									
Walton County	1	8:25AM CDT			0	0	0	0	Waterspout
		A waterspout was observed over the Gulf of Mexico south of Walton County.							
Franklin County	1	11:45AM EDT			0	0	0	0	Waterspout
		A waterspout was reported over the Gulf of Mexico south of Apalachicola.							
Monroe County	1	1:40PM EDT			0	0	0	0	Waterspouts
		Two waterspouts formed 8 miles northwest of Key West. They moved westward at 10 MPH before dissipating.							
Broward County	3	2:40PM EDT			0	0	0	0	Funnel cloud.
		A funnel cloud was reported by the Fort Lauderdale Air Traffic Control Tower 10 miles east of the airport.							
Broward County	4	5:00PM EDT			0	1	0	0	Lightning
		A man in Pompano Beach suffered severe burns when lightning struck a palm tree in his front yard. He was raising the windows of a car parked near the tree.							
Sarasota County	4	8:10PM EDT			0	0	0	0	Waterspout
		A waterspout was reported over the Sarasota County coastal waters.							
Jacksonville, Duval County	5	4:00PM EDT			0	1	4	0	Lightning, wind
		A 15-year-old youth was knocked unconscious by a lightning bolt that struck him while he was fishing on a bridge over the Arlington River in Jacksonville. He was hospitalized and in a coma for several days. Two companions nearby were temporarily stunned but otherwise unharmed. Thunderstorms with winds in excess of 50MPH caused scattered minor damage to trees, signs and utility lines in Jacksonville, mainly in the north and west sections.							
Dade County	5	4:10PM EDT			0	0	0	0	Funnel clouds
		A funnel cloud was reported a little southeast of Opa-Locka. It dissipated without touching the ground.							
Ocala, Marion County	5	4:54PM EDT	1/10	30	0	0	4	0	Tornado
		A small tornado smashed a sky ride pavillion and damaged 18 motel vehicles in an amusement park on the eastern fringe of Ocala.							
Monroe County	6	11:30AM EDT			0	0	0	0	Waterspout
		A waterspout was reported 11 miles west of Key West.							
Hillsborough County	6	6:50PM EDT			0	0	0	0	Funnel clouds.
		Two funnel clouds were observed near Dover. No damage was reported.							
Northwest Florida	6	Afternoon			0	0	0	5	C Wind
		Several severe thunderstorms produced strong winds and local damage in northwestern Florida during the afternoon. A store front was damaged in Fort Walton Beach and trees, utility lines and signs were downed in Fort Walton Beach, Ocean City, and on Okaloosa Island. Two greenhouses and power lines were damaged in Pensacola. The U. S. Coast Guard reported 3 boats capsized by thunderstorms and winds gusting up to 56MPH.							
Pasco County	7	4:15PM EDT			0	0	0	0	Funnel cloud.
		A funnel cloud was reported by a deputy sheriff between New Port Richey and Tucker.							
Gilchrist County	8	Afternoon			1	0	0	0	Lightning
		Lightning killed a 37-year-old farmer near Branford during an afternoon thunderstorm. He was using an electric welder on a hay-mower when struck. He died instantly.							
Brevard County	9	Afternoon			0	0	3	0	Funnel cloud, thunderstorm
		Thunderstorms spawned a funnel cloud near Interstate 95 west of Titusville. Winds of 40-50 MPH associated with the thunderstorms caused some minor damage, mainly to utility lines.							
Pinellas County	9	3:50PM EDT			0	0	?	?	Hail
		Golf ball size hail was reported as a heavy thunderstorm moved over Dunedin.							
Marion County	9	6:15PM EDT			0	0	?	?	Hail
		Police reported golf ball size hail in Bellvue.							
Gulf County	10	11:05AM CDT			0	0	0	0	Funnel cloud
		A funnel cloud was reported 7 miles south of Wevahitchica moving slowly southward.							
Martin County	10	12:15PM EDT			0	0	0	0	Funnel cloud
		Martin County Sheriff's office reported a funnel cloud between Hobe Sound and Port Salerno. It extended almost to the ground before retreating into the parent cloud.							
FLORIDA (continued)									
Hillsborough County	10	5:00PM EDT			0	0	?	?	Hail
		A heavy afternoon thunderstorm produced 1 inch diameter hail in Sydney.							
Lake City	11	Early Morning			0	1	0	0	Lightning
		Lightning injured a man talking on a telephone during an early morning thunderstorm. He was treated at a hospital and released.							
Osceola County	11	2:00PM EDT			1	1	0	0	Lightning
		Lightning killed a bass fisherman on Lake Kissimmee during an afternoon thunderstorm. He was standing on a sandbar, pushing a boat into the water, when struck. A companion suffered severe burns on his arms and legs.							
Lafayette County	12	1:00PM EDT	1/10	30	0	0	4	0	Tornado
		A small tornado damaged several farm buildings on County Road 251 near Mayo, and tipped over a trailer.							
Palm Beach County	12	6:40PM EDT			0	0	4	0	Wind
		A heavy thunderstorm produced winds of 60MPH at the Pahokee airport.							
Pinellas County	13	1:25PM EDT			0	0	0	0	Waterspout
		The Coast Guard reported a waterspout in the Gulf of Mexico offshore from John's Pass.							
Duval County	15	Morning			0	0	0	0	Waterspouts
		Two waterspouts developed over Duval County coastal waters during the morning. One was 7 miles offshore from Mayport; the other well east of Jacksonville Beach.							
Lee County	15	5:53PM EDT			0	0	0	0	Funnel cloud
		A funnel cloud was observed over southwestern Fort Myers. It remained aloft and dissipated.							
Monroe County	16	12:55PM EDT			0	0	0	0	Waterspout
		A waterspout was reported 5 miles west northwest of Key West International Airport, drifting westward.							
St. Lucie County	17	6:40AM EDT			0	0	0	0	Waterspout
		A waterspout that developed off Hutchinson Island dissipated before reaching shore.							
Osceola County	17	5:45AM EDT			0	0	0	0	Funnel cloud
		A funnel cloud was reported over Kissimmee by the police department. It moved slowly westward before dissipating.							
Monroe County	18	11:20AM EDT			0	0	0	0	Waterspout
		A waterspout was observed 5 miles west of Key West, moving westward at 12MPH.							
Palm Beach County	19	7:25AM EDT			0	0	0	0	Waterspout
		A pilot reported a waterspout 8 miles northeast of Palm Beach International Airport. It dissipated about 5 miles offshore.							
Monroe County	19	12:30PM EDT			0	0	0	0	Waterspout
		A waterspout was observed 5 miles west of Key West, moving westward at 10MPH.							
Monroe County	20	5:10PM EDT			0	0	0	0	Waterspout
		A waterspout was reported 5 miles north northwest of Key West, moving to the west at 15MPH.							
Palm Beach County	21	10:50AM EDT			0	0	0	0	Waterspout
		A waterspout was observed 7 miles southeast of Lake Worth. It dissipated off shore.							
Collier County	21	8:10PM EDT			0	0	0	0	Waterspout
		A waterspout was observed 15 miles southwest of Bonita Springs.							
Monroe County	23	10:40AM EDT			0	0	0	0	Waterspout
		A waterspout was sighted 2 miles northeast of Key Largo Sound.							
Broward County	23	11:45			0	2	3	0	Lightning
		Two dispatchers for the Sunrise Police Department were slightly injured when a bolt of lightning hit a communications tower and surged through electrical wiring into the city communication center.							
Citrus County	23	3:15PM EDT	1/10	30	0	0	4	0	Tornado
		A small tornado cut a block-long swath through a wooded area and damaged a mobile home near Homosassa.							

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FLORIDA (continued)									
Lake County	23	4:00PM EDT	1/10	30	0	0	4	0	Tornado
									Lake County Civil Defense Officials reported a small tornado damaged several mobile homes and downed a number of trees in Sorrento.
Pasco County	23	5:15AM EDT	1/10	30	0	0	0	0	Tornado
									Florida Highway Patrol reported a small tornado near Interstate 75 and State Road 54, moving slowly northward. No significant damage.
Escambia County	23	8:06PM CDT	?	?	0	0	0	0	Tornado
									Air traffic control towers personnel sighted a funnel cloud that briefly dipped to the ground 6 miles northwest of Pensacola Regional Airport. No damage was reported.
Broward County	24	7 - 8AM EDT			0	0	0	0	Waterspouts
									Several waterspouts were reported off the Broward County coast during the morning.
Fort Myers, Lee County	24	3:30PM EDT	1/10	30	0	1	4	0	Tornado
									A woman received minor injuries in a small tornado that damaged seven mobile homes on Lant Lane in North Fort Myers.
Lee County	24	3:40PM EDT			0	1	0	0	Lightning
									A man using a cattle prod received minor burns from a lightning bolt during a heavy thunderstorm in North Fort Myers. He was unloading cattle from a truck when hit.
Manatee County	24	4:00PM EDT	1/10	30	0	0	4	0	Tornado
									A small tornado damaged several homes and utility sheds near State Road 70 and 41st St. East in Oneco. Numerous trees and utility lines also were damaged.
Monroe County	25	7:15PM			0	0	0	0	Funnel cloud
									A funnel cloud was observed 3 miles southwest of Key West, moving toward the west northwest at 10 MPH.
Broward County	26	5:20AM EDT			1	0	0	0	Lightning
									A 15-year-old boy, fishing from the Hillsboro Inlet Bridge near Pompano Beach, was killed instantly by a lightning bolt. A companion, fishing a few feet away, was momentarily dazed but otherwise uninjured.
Monroe County	26	12:43PM EDT			0	0	0	0	Waterspout
									A waterspout was observed 4 miles north northeast of Key West.
Central and Southern	27	Daytime			0	0	0	0	Waterspouts
									Several waterspouts were reported over the coastal waters of central and southern Florida during the day. Three developed 10 miles east southeast of Key West during the morning. During the early afternoon, a pilot reported a waterspout 6 miles southeast of Palm Beach International Airport. During the late afternoon, a waterspout was reported over South Biscayne Bay, and several large waterspouts were sighted off Ann Maria Island near Tampa Bay.
Indian River County	28	9:25AM EDT			0	0	0	0	Waterspout
									A waterspout was sighted just offshore from Wabasso Beach. It moved westward but dissipated before making landfall.
Pinellas County	28	6-7PM EDT			0	0	0	0	Funnel cloud.
									Several short lived funnel clouds were sighted as heavy thunderstorms moved westward over St. Petersburg during the late afternoon and early evening.
Monroe County	29	3:25PM EDT			0	0	0	0	Waterspout
									A waterspout was observed 8 miles southeast of Key West, moving to the west northwest at 10 MPH.
Orange County	31	2:30PM EDT			0	1	0	0	Lightning
									Lightning hit a chain link fence, skipped to a lawn mower and struck a man in the chest as he was mowing his lawn. He sustained a gash in his chest and "exit wounds" in his left hand and right thigh. Heart and lung functions ceased but were restored by a rescue team that transported him to a hospital.
GEORGIA									
Coffee Co.	5	4 a			0	0	5	0	Lightning
									Lightning struck a warehouse in Douglas, setting it on fire and destroying it.
McIntosh Co.	6	3 p			0	0	4	0	Wind
									Strong thunderstorm winds uprooted trees, overturned boats, and caused roof damage in Darien.
GEORGIA (continued)									
Decatur Co.	6	630 p			0	0	3	0	Wind
									Strong thunderstorm winds uprooted trees, damaged roofs and caused power outages in Brinson.
DeKalb Co.	22	315 p			0	0	4	0	Wind
									Strong thunderstorm winds uprooted trees, damaged roofs, and broke store windows in Tucker.
Clarke Co.	24	unk			0	1	0	0	Lightning
									A person was injured by lightning in Athens.
Stephens Co.	30	5 p			0	0	3	0	Wind
									Strong thunderstorm winds uprooted trees, and destroyed a pick-up truck in Toccoa.
Pike Co.	30	730 p			0	0	4	0	Lightning
									Two homes in Zebulon were struck by lightning, one of which was destroyed.
DeKalb Co.	31	10 p			0	0	4	0	Flash Flood
									Heavy rain produced local flooding along part of Nancy Creek in north DeKalb Co. Several homes were damaged by the water.
Clarke Co.	unk	unk			0	3	0	0	Lightning
									Three people were injured as lightning struck nearby around Lake Oconee.
HAWAII									
NO REPORT RECEIVED									
IDAHO									
Oneida and Power Counties	13	9:00 p - 11:00 p			0	0	4	5	Rain, hail
									Heavy thunderstorms, apparently travelling northward from the Utah line, caused heavy runoff that blocked roads and covered farmlands with up to three feet of mud, rock and debris. Hay and grain crops were damaged from mud, water and hail, mainly in the Pocatello Valley and the Arbon Valley from Holbrook, Oneida County into southern Power County.
Blaine, Cassia, Jerome, Lincoln, Minidoka, and Twin Falls Counties	14	12:30 p - 1:30 p			0	1	3	6	Hailstorms
									Hail up to 1 3/4 inches in diameter caused extensive damage to crops; mainly grain, sugar beets and potatoes. There were at least two storms apparently travelling from southwest to southeast. The heaviest damage was in Jerome County to about 34,000 acres. Next was Twin Falls County on more than 16,000 acres. Heavy damages were also reported in parts of Blaine, Cassia, Minidoka, and Lincoln Counties. Crop damages ranged from a 10 to 20 percent reduction in yield to a total loss. A 15-year old boy, caught in a field when the storm hit three miles northpast of Jerome, received minor bruises.
Mountain Home, Elmore County	14	2:00 p			0	0	0	0	Hail
									Hail one inch in diameter was reported.
Owyhee County	14	Evening			0	0	?	3	Hail, rain
									A hailstorm and cloudburst ripped a path through north central Owyhee County causing a considerable amount of damage to crops. Hail was so heavy that it drifted to a depth of three feet in places along Highway 78. A ranch house was flooded by water from Fossil Creek.
Coeur d'Alene, Kootenai County	28	Afternoon			0	0	4	0	Rain
									A 20-minute downpour flooded basements, broke storm pipes, and backed up sewer drains leaving downtown businesses with soaked carpets, mud-covered furniture, and other damages. Hardest hit was a realty company where water and sand three to four feet deep destroyed furniture, records, house plans, blueprints, and maps.
Butte, Jefferson, Bonneville, Madison, and Fremont Counties	30	Afternoon			0	0	5	3	High Winds
									Strong winds during thunderstorms caused scattered miscellaneous damage. Some small buildings were destroyed at Howe, Butte County. Power lines and poles were toppled, and storage sheds were blown over near the Idaho National Engineering Laboratory in Jefferson County where winds were reported at 85 m.p.h. There was scattered damage to utility lines in Bonneville, Madison and Fremont Counties. Some ripe grain was damaged by the wind.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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	
ILLINOIS									
Northeastern and Southeastern	July and August				0	0	?	7	Flash Flooding
<p>Numerous heavy rains caused flash flooding over a large portion of northeastern and southeastern Illinois. Record precipitation totals were recorded in several areas. Numerous farms were flooded, resulting in heavy crop losses still being totaled up at the end of the month.</p>									
Near Silvis, Rock Island County	5	8:50am	.2	10	0	0	0	0	Tornado
<p>A small tornado dipped down briefly at the intersection of Illinois Rte. 5 and Interstate 80, just east of Silvis in Rock Island County. No damage was reported.</p>									
Near Polo, Western Ogle County	5	4:45pm	6	65	0	0	6	?	Tornado
<p>A tornado slashed through the area near Polo in the afternoon. At least 8 farms were hit. Damage ranged from roofs removed to total destruction. Extensive crop damage was reported also, but the dollar value was unknown. The storm began at a point 1-2 miles north of Polo and moved southeastward about 6 miles.</p>									
Northern Quarter	5	Afternoon and Evening			0	0	?	?	Hailstorms
<p>Large hail fell during widespread thunderstorm activity at several points in Northern Illinois during the afternoon and evening. At 1:45pm, hailstones 3/4 inches in diameter were observed between Mendota and Triumph in LaSalle County, and hail 1 3/4 inches in diameter was reported in Stark County. At Lake Villa, Lake County, the hail was 1 inch in diameter at about 3:25pm. At 7:50pm, at Fort Byron, Rock Island County, 3/4 inch diameter hail hit the area. Hail also was seen at 7:53pm at the east end of Silvis, Rock Island County, where the stones measured up to 1 1/2 inches in diameter. In the same county, 3/4 inch diameter hail was observed in rural Cordova.</p>									
Near Amboy, Lee County	5	Evening			0	1	0	0	Lightning
<p>Lightning struck a 15 year old boy. He was standing on a footbridge at Green Oaks Campground, near Amboy. The lightning apparently struck a tree, travelled to the bridge, and hit him.</p>									
Two Miles Northeast of Lake Villa, Lake County	9	About 10:52pm	.25	30	0	0	4	2	Tornado
<p>The tornado touched down in the late morning hours, completely destroying a 40' x 60' metal barn, shearing off treestops and flattening cornstalks. Debris from the barn was carried a distance of 300 yards. A metal road sign was twisted 180 degrees. Outside the narrow path of the storm, only scattered tree branches were blown down.</p>									
Pecatonica, Winnebago County	17	8:40pm	0.5	50	0	0	5	?	Tornado
<p>A small tornado hit the southern edge of Pecatonica, damaging several homes. The affected area was near Pecatonica Road and 11th Street. The strong winds lifted a garage off its foundation. Debris from the garage ripped into houses within 2 blocks. A 2" x 4" from the garage penetrated the roof of a house a block away. Another 2" x 4" knocked out a sliding glass door in the same structure. A witness said the tornado sounded like a freight train.</p>									
North Central and Northeastern	17	About 10:00pm			1	0	?	?	Flash Flooding
<p>Thunderstorms hit wide areas of North Central and Northeastern Illinois, with heavy rains accompanying the storms. Rainfall in Antioch, Lake County, totaled about 5 inches. In Antioch, a young man was drowned. His car stalled at an intersection near an open drain at Oakwood Drive and North Avenue. When he got out of the car, he was swept into the drain and through a 60-inch pipe to creek a block away.</p>									
Northwestern	18	Evening			0	0	4	?	Windstorm
<p>High winds during thunderstorms hit the Northwestern part of the state, causing widespread light damage. A wind gust of 61 knots was reported at Blandinsville, McDonough County.</p>									
Putnam, Putnam County	19	3:45pm	9	50	0	0	5	?	Tornado
<p>A tornado touched down on a farm in Putnam. Machine sheds, a garage, a steel corn bin and other outbuildings were badly damaged and many big trees were uprooted. The storm moved first to the east-southeast, then the funnel cloud lifted off the ground and dissipated before it reached a point near Magnolia.</p>									
Near Odell and Ewington, Livingston County	19	Evening			0	0	0	?	Hailstorm
<p>Damage of an unknown amount hit parts of Livingston County during an evening thunderstorm. Large hail smashed crops on farms along the Odell Road south of Dwight to Saunemin. Corn production could have been reduced by up to 41 percent and soybean production by up to 34 percent in the area affected.</p>									
ILLINOIS (continued)									
Andalusia, Rock Island County	20	12:25am	1	50	0	0	5	0	Tornado
<p>A small tornado, skipping along mainly at treetop level, smashed at 2 houses and a factory. Most of the damage was to roofs and walls. Many trees were blown down. The tornado first mauled the area of 8th Street W., before reaching the Mile 473 Harbor. The storm then moved to the southeast towards the Andalusia School. The Drucker-Miller Brothers Gypsum Supply Company stone walls were knocked down by the force of the strong winds. A 2" x 4" from the building was stuck into a garage on 2nd Avenue W. Several observers stated that the tornado made very loud noises as it passed through the town.</p>									
Streator, LaSalle County	20	About 5:00am			2	0	0	0	Flash Flooding
<p>A woman and her 2-year old son drowned. A section of road over a culvert had washed out during heavy rains. The woman attempted to drive her car across the culvert, at Prairie Creek. Her car got stuck in the water, and both the mother and her small son drowned in the creek.</p>									
Near Mascoutah, St. Clair County	20	12:30pm			1	0	0	0	Lightning
<p>A migrant farm worker was killed in the afternoon. He was struck by lightning during a thunderstorm that passed through the area. He was working in a tomato field, when the lightning struck him.</p>									
Homer, Champaign County	20	About 5:15pm			0	0	0	?	Hailstorm
<p>Large hail at least 1 inch in diameter was observed in Homer. Crop damage of an unknown amount was reported. The hail fell during a period of about 30 minutes, as a thunderstorm pounded the area.</p>									
Paris, Edgar County	20	About 6:00pm			0	1	0	0	Lightning
<p>A man was struck by lightning during a thunderstorm. He was in the back yard at his home on West Elizabeth Street when a bolt struck him, knocking him to the ground and burning his back.</p>									
INDIANA									
Jennings Co.	1	1125A	Sht. Nr.	0	0	0	0	0	Tornado
<p>Spot touchdown west of Deputy by State Police.</p>									
Jefferson Co.	1	1155A	Sht. Nr.	0	0	0	0	0	Tornado
<p>Spot touchdown near Paris by State Police.</p>									
Sullivan Co.	1	1245P		0	0	5	0	0	Wind
<p>Fairbanks area barn, equipment, hangar, and houses damaged by the wind.</p>									
Lawrence Co.	1	245P		2	1	?	0	0	Heavy Rains
<p>City of Mitchell, three boys riding rubber raft washed into storm sewer.</p>									
Morgan Co.	1	3P		0	1	5	0	0	Wind
<p>Lantern Hills trailer Park 3 1/2 miles South of Mooresville, two mobile homes overturned, several other damaged.</p>									
Johnson & Marion Cos.	1	343P		0	0	0	0	0	Funnel Cloud
<p>Sighted intersection US31 and Marion-Johnson Co. Road.</p>									
Marion Co.	1	4P		2	0	4	0	0	Flash Flood
<p>East Indianapolis, two girls near small stream swept away. Some water in business and homes same area.</p>									
Bartholomew Co.	1	4P		0	0	0	0	0	Funnel Cloud
<p>By public in Jonesville area.</p>									
Hancock Co.	1	426P		0	0	0	0	0	Funnel Cloud
<p>By sheriff, one mile east and four miles south of Greenfield moving northeast.</p>									
Dearborn Co.	1	?P		0	0	5	C	0	Flash Flood
<p>Guilford, Hogan Creek, Aurora Marine Boat Dock washed down creek. Ten homes Guilford flooded. Pella Crossing equipment flooded. Weaver Trailer Court, Greendale flooded.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
INDIANA (continued)											
LaPorte Co.	5	947A			0	0	?	?			Hail
		SR2 NE LaPorte City									one inch hail.
St. Joseph Co.	5	950A			0	0	?	?			Wind and Hail
		Fifteen miles west of South Bend, one inch hail. Large trees blown down in St. Joseph Co.									
Allen Co.	5	1130A			0	0	?	?			Hail
		1/4 inch hail north of Fort Wayne intersection I-69 and US 33.									
	5	1140A			0	0	?	?			Wind
		Trees blown down Fort Wayne.									
	5	1142A			0	0	?	?			Hail
		3/4 inch hail south part of Fort Wayne.									
Marion Co.	5	1115P			0	0	0	0			Funnel Cloud
		By public funnel cloud Eighty-sixth St. and Zionsville Road.									
Hendricks Co.	5	1135P			0	0	0	0			Funnel Cloud
		By public funnel cloud sighted north of Brownburg.									
	5	1144P			0	0	0	0			Funnel Cloud
		Funnel Clouds sighted by State Police one mile north of Plainfield and six miles north of Mooresville.									
Parke Co.	6	6A			0	0	?	?			Hail
		Golf Ball size hail at Clinton									
Brown & Jackson Cos.	6	320P			0	0	0	0			Funnel Cloud
		By public funnel cloud sighted near Brown and Jackson County Lines, moved southeast.									
Lawrence Co.	6	355P			0	0	?	?			Hail
		Between Bedford and Oolitic, golf ball size hail.									
	6	414P			0	0	0	0			Funnel Cloud
		By public, funnel cloud west of Bedford.									
	6	502P			0	0	0	0			Funnel Cloud
		By public, funnel cloud near Popcorn Road.									
	6	521P			0	0	0	0			Funnel Cloud
		By public, funnel cloud south of Popcorn Road.									
	6	6P			0	0	?	?			Hail
		At Williams, hail size of a quarter.									
Greene Co.	6	620P			0	0	0	0			Funnel Cloud
		By public, funnel cloud sighted Johnson Township.									
Daviess Co.	6	630P			0	0	4	0			Wind
		Barn damaged Billings Road in Washington, also trees down.									
Martin Co.	6	650P			0	0	?	?			Hail
		2 inch hail Crane Naval Depot.									
Knox Co.	6	10P			0	0	?	?			Wind
		Mohroe City trees uprooted.									
Sullivan Co.	8	2A			0	0	4	C			Heavy Rain Flash Flood
		Water in homes and over cars in Sullivan, also highways flooded.									
Starke Co.	8	825A	Sht. Nr.		0	0	4	0			Tornado
		Southwest Knox, Weinburg Park damaged also minor damage to area residences.									
INDIANA (continued)											
Elkhart Co.	8	854A			0	0	5	0			Wind
		Mobile home destroyed just west of New Paris, 22397 CR42. Tied down mobile home blown off foundation 23397 CR 42. Grain bin and garage destroyed at 55618 CR 13.									
Lagrange Co.	8	856A			0	0	4	0			Wind
		Mobile home in transit destroyed SR5 south of US20. Trees and power lines down, trailer blown over Topeka and Wolcuttville.									
Steuben Co.	8	?A			0	0	4	0			Wind
		Ball Lake homes, vehicles, boats damaged by winds and falling trees.									
LaPorte Co.	8	?A			0	0	4	0			Wind
		Lacrosse tree blown down, fell on new truck.									
Noble Co.	8	924A	Sht. Nr.		0	1	5	0			Tornado
		Two mobile homes destroyed. Nine others damaged. All anchored. Located 1/2 mi. north and 1/2 mi. east Rome City in Northport Trailer Park. Observed by police officer. Moved southeast.									
St. Joseph Co.	8	?A			0	0	5	0			Wind
		Barn blown down on two cars and an airplane located near intersection Ash and Cleveland Roads.									
Fulton Co.	9	435A			0	0	0	0			Funnel Cloud
		By public 3/4 miles west of Fulton over SR114 funnel cloud sighted, moved north-east.									
Bartholomew Co.	10	230-245A			0	0	5	0			Wind
		Hamor Heights, Midway, and Arrowood subdivisions between Columbus and Elizabethtown, recreational vehicle turned over, two roofs torn off area homes, and some farm buildings damaged.									
Fountain Co.	18	830P			0	0	5	0			Flash Flood
		Small branch of Coal Creek goes out of banks, floods 12 homes and 174 Veedersburg area.									
Parke Co.	18	845P			0	0	4	0			Wind
		Raccoon Lake marina office blown down. Barn in area blown down.									
	19	1A			0	0	0	4			Lightning
		SR69 across from Clinton Airport, lightning killed 23 Black Angus.									
Henry Co.	19	3A			0	2	4	0			Lightning
		New Castle couple burned in fire started by lightning striking their home. Car destroyed and house next door damaged.									
Tippecanoe Co.	19	151P			0	0	0	0			Hail
		Pine Pong size hail, Westpoint.									
Vigo Co.	19	515P			0	0	0	0			Hail
		Marple size hail north of Terre Haute.									
Carroll Co.	19	6P			0	0	0	0			Hail
		Golf ball size hail at Ockley.									
Jackson Co.	19	630P			0	0	0	0			Funnel Cloud Hail
		Funnel cloud 20 miles west of Seymour and, marble sized hail.									
Knox Co.	20	550A			0	1	4	0			Wind
		Vincennes man injured, tree blown on his car, also stores damaged by winds.									
Jackson Co.	20	325P			0	0	4	0			Hail, Wind
		Golf ball size hail & trees & poles down Brownstown. One car totaled, 5 cars damaged, & 5 homes damaged.									

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					KILLED	INJURED	PROPERTY	CROPS	
INDIANA (continued)									
Clay Co.	20	5P			0	0	0	0	Funnel Cloud
									Funnel cloud sighted near Brazil.
Vigo Co.	20	5P			0	0	0	0	Hail
									Marble size hail west Terre Haute.
Marion Co.	20	530P			0	0	0	0	Funnel Cloud
									Funnel cloud sighted Speedway, IN.
	20	530P			0	0	0	0	Hail
									Marble sized hail northwest Indianapolis, 46th St. and I465.
Hancock Co.	20	620P			0	0	0	0	Funnel Cloud
									Funnel cloud sighted near Greenfield, moving southeast.
Wayne Co.	22	730A			0	0	?	?	Flash Flood
									Richmond Gorton Estates flooded. US27 north of Richmond water one foot deep. Ind. 1 south of Richmond Village Creek and Creek Race Hill to White River had wall of water 20 to 25 feet above them.
Gibson Co.	22	2P			0	0	?	?	Heavy Rains Flooded
									South Princeton Streets flooded.
Jackson Co.	23	1235P			0	0	4	0	Wind
									several trees blown down in Rockford, damaged homes and businesses.
Wayne Co.	28	230P			0	0	4	0	Wind
									Richmond, 12 mobile homes damaged at Mobile Manor Park.
Starke Co.	28	255P			0	0	4	0	Wind
									Barn and corn crib destroyed 2 miles southwest of Knox.
IOWA									
NO REPORT RECEIVED									
KANSAS									
Kearney County	2	2:12 p	8	50	0	0	0	0	Tornado
									Tornado touched down in open country 7 miles northwest of Lakin and moved to 3 miles north 4 miles east of Lakin before lifting. No significant damage was reported.
Decatur and Norton Counties	25	6:55 p					4	5	Hail
									Strong thunderstorms moving southeast produced a damage path 10 miles long and 3 miles wide through northeast Decatur county to near Reager. Strong winds and local rains of 3 to 5 inches were reported. "Sheds" of hail 1/4 to 1/2 inch in diameter stripped corn and milo. Drifts of hail up to 3 feet deep were observed the following morning. Minor property damage was to farm buildings and equipment.
Gove County	28	5:25 p	12	200	0	0	5	4	Tornado
									Tornado touched down 13 miles southwest of Gove, moved south 1-1/2 miles, turned northwest for 1-1/2 miles, then west for 1 mile, then south-southwest for 8 miles. Total time the tornado was on, or near the ground was 55 minutes. Maximum damage width was 200 yards although the debris cloud (mostly blowing dust) was estimated at 1 to 2 miles in diameter and extended upward 5 to 6 hundred feet. Height of the parent cloud base was estimated at 7,000 to 8,000 feet and since little or no obscuring precipitation was present, the tornado was seen for many miles. Sightings were reported from as far away as Campus (22 miles north), Gove (13 miles northeast), Rexford (45 miles north-northwest), and by NWS office at Dodge City (75 miles southeast). One farmstead was damaged with heavy farm machinery carried 100 to 200 yards and destroyed. Several trees, two blower farm buildings, and milo were destroyed. 42 head of livestock were killed.
Gove County	28	6:20 p	4	33	0	0	0	0	Tornadoes
									Three tornadoes occurred in open country 20 miles southwest of Gove. Local residents stated the tornadoes touched down individually, moved east 3 to 4 miles, then dissipated. No significant damage was reported.

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	
KANSAS (continued)									
Scott County	28	7:00 p	6	50	0	0	4	0	Tornado
									Tornado touched down in open country 7 miles north and 6 miles west of Scott City and moved southwest 6 miles before dissipating. Two vortices were observed for a brief period. Minor damage was to farm equipment. Several other funnels were observed in the county but none were known to have touched down.
Leavenworth County	29	1:30 a			1	0	4	0	Lightning
									Thunderstorms moving northeast across northeast Kansas were accompanied by locally intense lightning. 8 head of cattle were killed near Valley Falls. Several minor house fires were attributed lightning across Shawnee, Jefferson, and Leavenworth counties. A Leavenworth man died as the result of a lightning-caused fire in his home.
Harvey County	29	8:14 p					3	5	Hail
									Heavy thunderstorms moving east through south central Kansas produced heavy showers and some hail. Hailstones to 1-3/4 inches in diameter fell in Harvey County causing minor property damage but considerable damage to corn and milo crops.
<u>SPECIAL HAIL SUMMARY</u>									
									Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties:
	2	Stevens							
	19	Jackson							
	24	Morton							
KENTUCKY									
HENRY & OLDHAM CYS									
	6	7PM EDT					5		Hailstorm
									A severe hail storm caused what farmers reported as "severe", if not "total losses" to many farms. Golf ball sized hail fell for about one-half hour. The main crops affected were corn and tobacco.
BOYLE MARION...TAYLOR AND CASEY CYS	6	7PM EDT					4	3	TSTM
									A severe thunderstorm moved thru these counties causing widespread damage. Gusty winds blew down many trees and lightning set two house fires and disrupted power over a wide area. Hail 1" in diameter was reported in Boyle County.
BOYLE & MERCER CYS	20	1030PM EDT					5		Hailstorm
									A severe hailstorm moved thru these counties causing extensive crop damage. Hail destroyed many acres of tobacco. Lightning toppled numerous trees and disrupted power for many people.
LAUREL CY	20	11PM EDT					4		TSTM
									A severe thunderstorm which moved thru Corbin caused damage to the business section of the city. High winds or lightning knocked down a wall of a restaurant causing the roof to cave in. The building was demolished.
HARDIN CY LARUE CY	29	9:5PM EDT					4	3	SVR TSTM
									What was described as "the worst storm ever" knocked out power and caused considerable property damage. Trees fell on at least two homes. Hail damaged a lot of tobacco around Cecilia.
LOUISIANA									
Ascension Parish	5	?	?	?	0	0	3	0	Windstorm
									A thunderstorm moving through Donaldsonville produced winds which heavily damaged a storage shed.
East Baton Rouge Parish	20	Afternoon	?	?	0	0	4	0	Windstorm
									Strong winds from a thunderstorm uprooted trees, knocking down power lines leaving 850 homes without power for a short period and doing minor property damage.
Lincoln Parish	23	Afternoon	?	?	0	0	4	?	Lightning
									Lightning struck a house in Ruston doing minor damage to the structure.
Caddo Parish	23	5 PM	1/2	50	0	0	5	0	Windstorm
									High winds from heavy thunderstorms damaged several mobile homes destroyed a barn, and left other minor damage in a rural area near Shreveport.
Claiborne Parish	25	2:30 PM	?	?	0	0	4	0	Lightning
									Lightning struck a house in Haynesville doing moderate damage including damage to antennas, TV, stereo, radio, and air conditioner.
Calcasieu Parish	26	Afternoon	?	?	0	0	4	0	Windstorm
									Strong winds from a thunderstorm damaged detached garage near DeQuincy.

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AUGUST 1979

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	
MAINE			NONE REPORTED						
MARYLAND & D.C.									
Central	1	2:00 p-3:00 p			0	0	3	3	Wind, Rain
			Estimated 2 to 3 inches of rain resulted in some flooding of streets in West Baltimore, along with the toppling of some trees by wind. At Hantsburg between 3 and 4 inches of rain was measured, with winds flattening corn and gardens in the area.						
Central and Eastern	2				0	1	4	0	Wind, Lightning, Rain
			Series of thunderstorms occurred over a widespread portion of the state, during the afternoon and into the nighttime hours. Roads were closed in Frederick County due to rain that totaled from 3 to 5 inches. Some 17,000 homes were without power for a time in Baltimore and Howard Counties, while 6 homes were reported struck by lightning. A man working on the roof of a building in the Baltimore area was dazed by a lightning strike and was taken to a nearby hospital for observation. Lightning also damaged a small hay barn near Westminster. Over Talbot, Caroline and Dorchester Counties on the Eastern Shore many low sections were under water, with flooding of several roads. Damage estimated around \$6,000.						
Baltimore	3	Nr 3:00 p			0	0	3	0	Rain
			Heavy rain falling in a short period of time caused streets in a four-block area to be flooded. Undermining also resulted in the collapse of some pavement, while built-up water pressure popped manhole covers. Damage was estimated at \$3,000.						
Eastern Shore	3	7:00 p			0	0	4	0	Lightning
			Lightning striking a church steeple at St. Michaels, apparently followed a path downward into the sanctuary. Shingles and pieces of roof were knocked off, a hole was blown in a brick wall, and \$10,000 to \$12,000 damage was done to the electrical system and other parts of the church.						
Charles County	8	Afternoon			0	0	3	0	Lightning
			Owners returned to find that lightning had struck their home in Waldorf, breaking an outside TV antenna, damaging a TV set, stereo, furnace, and putting five small holes into the outside walls. The total damage estimated at \$2,000.						
Wicomico River	8	4:45 p			2	0	0	0	Wind, Rain
			Rented fishing boat capsized off Cobb Island. Two women, members of the 4-person fishing party, were drowned.						
District of Columbia	8	Evening			1	1	3	0	Lightning, Rain
			Thunderstorms occurred along and ahead of a southward-moving cold front, causing flooding in Rock Creek and closing the Parkway for a time. Around 8PM two golfers on Hains Point were running for cover when lightning struck. One suffered fatal injuries, while the other was lifted in stable condition at a local hospital and later released. Elsewhere, a Southeast Washington church had its roof section fire by a bolt of lightning - damage was light.						
Frederick and Frederick County	9	Abt 7:00p			0	0	4	0	Wind
			A severe thunderstorm moved through Frederick and surrounding areas taking tin roofs off a portion of a townhouse row, knocking down several trees and disrupting telephone lines. An antique stunt plane, valued at \$8,000, was destroyed when its ground anchor ropes broke.						
Eastern	10	8:00 p-10:00 p			1	1	4	3	Wind, Lightning
			Violent thunderstorms were responsible for widespread tree and property damage over the northeast corner and southward thru the mid-Eastern Shore. At Elkton a boat and trailer were overturned, and an aluminum roof torn from a porch. Wind-related crop damage was reported in the vicinity of Ingleside, Queen Annes County. In Talbot County a three-car garage was destroyed by wind at Cordova, and in a tragic accident lightning struck a large tree toppling it onto a passing automobile. One youth, driving the car, was killed and a passenger injured. Near Denton a lightning-caused fire destroyed a \$1,000 barn. Damage totals: \$18,000 property; \$2,000 to crops.						
South Central	11	Afternoon			1	0	2	3	Wind
			Wind and waves washed two men overboard from their stalled 16-foot boat near Moss Point, Charles County. One man was able to climb back into the craft, but the other was not as fortunate. Elsewhere wind damaged tobacco crops in the Lethian area and tree damage was reported near Waldorf. In the Tred Avon section on the Eastern Shore winds gusting to 40 mph collapsed a large tent on 15 people, but there were no injuries.						
Harford County	25	Afternoon			0	0	5	3	Rain
			Over two inches of rain occurring in thunderstorms caused flooding in low-lying areas. Fallston shipping mall received damages in the \$50,000 to \$75,000 range due to high water.						
MARYLAND & D.C. (continued)									
Central and Northeast	27	Afternoon & evening			1	0	4	3	Rain, Lightning
			Thunderstorm-associated rain totaled more than 3 inches in some areas with street and basement flooding widespread over portions of Harford, Baltimore, Anne Arundel and Prince Georges Counties. In Glen Burnie a man was found in water two feet deep in the crawl space of his home. His death was apparently due to electrocution when the sump pump short-circuited in the high water. In Howard County 8 homes were struck by lightning with individual losses ranging between \$200 and \$20,000.						
Cumberland	28	6:00 p-11:00 p			0	0	5	0	Rain, Lightning, Wind
			Nearly 3 inches of rain fell, along with winds gusting to 50 mph. Hundreds of homes reported basement flooding with from a foot to as much as seven feet of water. Local roads were also flooded as a stream normally six inches deep swelled to a depth of 25 to 30 feet. Damage was estimated at well over \$50,000.						
MASSACHUSETTS			SEE END OF TABLE						
MICHIGAN									
Kalamazoo, Kalamazoo county.	4	2:30-3pm			0	0	4	0	Thunderstorm
			Winds gusted to 55 mph. Numerous electrical power lines and tree branches downed. One half inch of rain fell in Kalamazoo.						
Iron Mountain, Dickinson county.	4	morning			0	0	3	0	Thunderstorm
			Wind recorded at 62 mph. A few trees uprooted and minor damage to some vehicles and garages. Rainfall amounts from .56 inch to 1.98 inches recorded during the thunderstorm.						
Near Brooklyn, Jackson county.	4	evening			0	0	5	0	Lightning
			Lightning struck a home near Brooklyn and resultant fire gutted the entire structure.						
E of Lawrence, Van Buren county.	5	morning			0	26	3	0	Heavy Thunderstorm
			A bus accident east of Lawrence resulted in injuries to 26 people when a bus driver lost control of the bus during a storm.						
Marshall, Calhoun county.	5	9:50AM			1	0	0	0	Lightning
			Lightning struck a tree in the Alwyn Downs Golf course killing a man who took shelter near the tree while holding an open metal umbrella.						
Three Oaks, St. Joseph county.	5	9:30-10PM			0	0	0	0	Funnel Cloud
			State Police received a report from the public that a funnel cloud was sighted over Three Oaks. There were no reports of a touchdown.						
2 SE Moran, Mackinac county.	5	4AM			0	0	4	0	Severe Thunderstorm and hail.
			Golf ball size hail east end of Brevoort Lake with many trees down in the area. Wind completely destroyed a garage 2 miles southeast of Moran. Parts of garage blown as far as 120 yards east of the garage. Believed to be a straight-line damage caused by a severe thunderstorm.						
1 E. Cedarville, Mackinac county.	7	5:20AM			0	0	4	0	Severe Thunderstorm
			One mile east of Cedarville, utility lines downed. Worst damage occurred east side of Hill Island. Some damage to cars and minor damage to a few cottages. Uniformity of tree pattern indicated a downburst of straight line wind. AT 5:19 AM a freighter Irving S. Olds recorded gusts to 70 knots (81 mph) 18 miles south of Netour Passage.						
Sault Ste. Marie, Chippewa county.	7	4:25AM			0	0	4	0	Severe Thunderstorm
			Wind gusts to 70 mph recorded at Sod Locks and gusts to 47 mph at WSO SSM. One cabin on west end of city destroyed by fire which resulted from a lightning strike. Heavy rain of over 2 inches in one hour caused some local road washouts. Some large trees downed in the Locks area. Three trees fell on dars.						
3 NE Rogers City, Presque Isle county.	7	7:20AM			0	0	0	0	Waterspout
			A Presque Isle county sheriff reported sighting a waterspout 3 miles offshore of Rogers City. Alpena radar indicated the waterspout moving east.						
Elm Hall and Riverdale Gratiot county.	9	11:30p-12 midnight			0	0	4	0	Severe Thunderstorm
			Strong winds moved a mobile home in Elm Hall about 2 feet off its foundation and tipped the roof from a small addition built on back. Also two mobile homes in Riverdale were destroyed by high winds. Homes were not fastened down. In addition, a barn was hit by strong wind gusts which scattered the roof and walls a quarter mile across a bean field.						
1 W Grand Haven, Ottawa county.	9	11:30PM	25.3	220	0	0	5	0	Mini Tornado
			Strong winds moved across Grand Haven east-northeast from which a small tornado developed and moved at a rise top level into vicinity of 186th and Cleveland streets where it tore off the roof of one house and partially pulled off the roof of another house and the Seventh Day Adventist Elementary School at 16734 136th Street. Also one section of a double bottom gasoline tanker parked alone was overturned. In the Grand Haven State Park three small camp trailers were damaged and/or overturned. Windows blown out of a tool booth at the park.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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	
MICHIGAN (continued)									
1/2 NW Marne, Ottawa county.	10	12:10AM	4.6	220	0	0	4	C	Mini Tornado
A rooftop level tornado tore off a church steeple near Marne, then proceeded northeast to Kenwa Avenue where a two-stall attached garage was blown off the house. Most of the debris was scattered to the northeast for about a quarter mile. Across the road to the east apple trees were downed and green apples blown off several dozen trees in an orchard. A picnic table on the east side of a house was sucked up onto the back deck and damaged the eaves.									
1 3/4 SE Marne, Ottawa County.	10	12:30AM	1/2	75	0	0	3	C	Mini Tornado
A street level mini tornado with a path of a couple blocks long and centered near 4th Avenue and Johnson street in extreme eastern Ottawa county. Several dozen trees were blown over. There was little or no structural damage to homes.									
Holland, Allegan county.	10	1:30AM			0	0	0	0	Funnel Cloud
Holland police reported a funnel cloud over the southern end of the city that was accompanied by very heavy rain.									
Milford, Oakland county.	10	3:00AM			0	0	4	0	Lightning
Lightning struck a home in Highland Township resulting in a fire that destroyed the home, a garage, and an automobile. In addition, the fire damaged a boat, trailer and another automobile.									
Battle Creek, Calhoun county.	10	4-4:00AM			0	0	4	0	Severe Thunderstorm
A thunderstorm with winds up to 69 mph caused scattered property damage which included fire damage to a home struck by lightning which set the roof on fire.									
Oshkemo, Kalamazoo county.	10	2:30AM			0	3	3	0	Heavy Thunderstorm
During a heavy thunderstorm a vehicle went off the roadway and struck a tree. The driver of the vehicle suffered a fractured leg and foot and two other passengers were treated for less serious injuries.									
Edwardsburg, Cass county.	10	early morning			0	0	4	0	Severe Thunderstorm
High winds in a thunderstorm completely demolished a garage and destroyed two vehicles in the garage. There was also damage to a tractor located in the garage.									
Shelby, Oceana county	10				0	0	4	0	Lightning
Lightning struck an electrical box in a basement of a home resulting in a fire that caused extensive damage to the home. The household goods were destroyed along with the contents of an antique shop that was located in the basement of the home.									
Payne Lake, Barry county.	18	morning			0	0	4	0	Lightning
Lightning caused a fire that destroyed a one-story frame cottage and contents at 715 South Briggs Road, Payne Lake.									
Hamilton Township, Clare county.	23	4:04PM 4:20PM			0	0	4	0	Lightning
Lightning strikes caused fires to two homes located 1/2 mile apart. The first home was located at 6533 Swallow Drive and the second home at 7083 E. Topline Lake Road.									
Portage, Kalamazoo county.	23	11:00AM			0	0	4	0	Lightning
Lightning resulted in a fire at 6922 Lovers Lane which burned out an attic and left most of the home damaged.									
Hudson, Lenawee county.	23	afternoon			0	0	4	C	Severe Thunderstorm
Strong winds estimated at 60 to 75 mph picked up a barn and dropped it 40 feet away from its foundation. Half an acre of corn was also destroyed.									
St. Johns, Clinton county.	23	4:06PM	1/2	50	0	0	4	0	Tornado
A tornado appeared 1/2 mile west of the northwest city limits doing damage to a barn and proceeded in a southeasterly direction across the city where it dispersed just east of Traver's Auto Parts. Damage confined to roofs, shingles and windows. Greatest damage done to Traver's Auto Parts where a 30 by 50 foot section of roof lifted from walls causing it to bow upwards bending metal supports. In addition, 25 feet of chimney was torn down and approximately 60 feet of solid sheet metal fence torn down and missing.									
Britton, Lenawee county.	29	5:45PM			0	0	0	0	Funnel Cloud
A funnel cloud was observed by the public moving towards the northeast.									
6 SW Milan, Lenawee county.	29	5:48PM	1/2	50	0	0	4	C	Tornado
Tornado touched down vicinity of Welch Rd. and N. County Rd. Roof ripped off a barn and scattered over hayfield. Home damaged.									
5 1/2 SE Milan, Monroe county.	29	5:49PM	1/2	50	0	0	3	0	Tornado
Tornado touched down at 9989 county Line Rd. 13 foot trailer overturned on its side and porch windows damaged.									
4 SW Milan, Monroe county.	29	5:51PM	1/2	50	0	0	4	0	Tornado
Tornado touched down at 20011 Hickory Rd. 12 X 12 foot section of roof blown off home. At 21003 Hickory Rd. 36 X 90 foot wooden barn destroyed.									
3 SE Milan, Monroe county.	29	5:54PM	1/2	50	0	0	4	0	Tornado
Tornado touched down at 13563 Hennison Rd. Tool shed and garage flattened. Damage to pickup truck and two vehicles in garage. Shingles on roof of home ruffled and a window blown out. Neighbors bath down the road destroyed. Part of another neighbors house damaged.									

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					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
2 WSW Milan, Monroe county.	29	5:56PM	1/2	50	0	0	4	0	Tornado
Tornado touched down at 18425 Redman Rd. Sections of barn roof blown off and rear wall of another barn collapsed.									
1 N Milan, Monroe county.	29	6:00PM			0	0	0	0	Funnel Cloud
A funnel cloud observed and a photograph taken by police. There was no touch-down as it moved northeast toward Washtenaw county. There were no reports of any tornado touch-downs in Washtenaw county.									
Hancock, Houghton county.	31	1:30-2PM			0	0	4	0	Lightning
A bolt of lightning struck the chimney of the Masonic building in Hancock and set the roof on fire, causing extensive damage to supplies and equipment.									
MINNESOTA									
Paynesville Stearns County	2	3:00PM	-	-	0	0	4	5	Hail
Hail up to golf-ball size and occasionally larger caused extensive crop damage in the Paynesville area. Total damage to some oat crops reported and 40 to 80 percent losses to soybeans and corn. One-hundred turkeys killed by hailstones at northland farm.									
7N Renville Renville County	2	4:00PM	-	-	1	0	0	0	Lightning
Rural Renville man killed by lightning strike during storm.									
Maple Lake Wright County	2	4:30PM	-	-	0	0	4	5	Hail
Hail up to golf-ball size caused extensive damage to oats, soybeans, and corn in Maple Lake area. Some damage to city gardens and buildings.									
Big Stone, Lincoln, Lac Qui Parle, Lyon, Murray, Cottonwood, Brown, Watonwan, Faribault, and Pipestone Counties	3-4	11:00PM	-	-	0	1	5	6	Wind
A storm front moving southeast began the evening of the 3rd and swept through the area by early morning of the 4th. Winds of 50 to 60 miles per hour caused damage to many trees, farm barns, and out buildings as well as roofs and power lines. Frequent lightning strikes accompanied the storm. Hail mostly less than one half inch in size caused considerable crop damage along with wind to sunflowers, corn, and small grains. Three to four inches of rain was reported in the storm. Damage figures only estimated at this late date.									
Redwood County	4	1A - 3AM	-	-	0	0	5	5	Wind
Winds exceeding 80mph caused extensive damage over Redwood County. Storm began at Milby where damage included destruction of a school-bus garage, heavy damage to school and church roofs, and severe damage to business building. Other damaged areas included Walnut Grove, Lambert, Sabom, and Wabasso. Reports included extensive tree damage, power line outages over many areas, windows broken, and a few instances of homes lifted from foundation at Sabom. Hail was reported over scattered areas, and some rainfall amounts of two to four inches was reported. Milby and Sabom areas received considerable damage.									
Dodge, Olmsted, and Fillmore Counties	4	2:00AM	-	-	0	0	5	5	Wind
Early morning storms that were moving southeast caused damage to crops, farm buildings, trees, houses, and trailer homes. Winds of 50 to over 60mph recorded. Some small hail accompanied the storms. Small grains were lodged, while some sunflower fields were lost completely. Corn was tangled and bruised, but may recover. Only estimate of damage can be made at this date.									
1/2E Perley Norman County	12	6:00PM	1/2	300	0	0	0	4	Tornado
Tornado moved from west to east touching down briefly in field of sunflowers with little other crop damage. Observed by County Sheriff.									
South Martin County	20-21	6:00PM	-	-	0	0	5	6	Heavy Rain & Flooding
Heavy rainfall of 8 inches or more fell in a 10-hour period with the greatest amount falling between 4-9PM on the 20th. Four inches or greater covered an area in Southern Minnesota of about 250 square miles. Flooding occurred from Fairmont to Olayton, and southeast into Iowa. Fairmont had over 200 basements flooded and one major building damaged. Crop damage is estimated at 2 to 3 million dollars. Extensive damage to county roads and bridges. Bird Lake, one of five lakes in the Fairmont area, showed the level of the lake up 31 1/2 inches above the "full" mark. At one time lake levels were rising at the rate of one inch an hour. August 1979 is the wettest month in Fairmont since 1887, according to Water Plant records. Total for month 13.9 inches.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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					KILLED	INJURED	PROPERTY	CROPS	
MINNESOTA (continued)									
IZE Wells Freeborn County	1	1:23PM							FUNNEL CLOUD
Near Montgomery Le Sueur County	1	3:56PM							FUNNEL CLOUD
Near Osseo Hennepin County	2	3:32PM							FUNNEL CLOUD
North Minnetonka Hennepin County	2	4:00PM							FUNNEL CLOUD
Prior Lake Scott County	2	4:25PM							FUNNEL CLOUDS
Near Shakopee Scott County	2	4:55PM							FUNNEL CLOUD
Near Prior Lake Scott County	2	5:00PM							FUNNEL CLOUD
Over Hopkins Hennepin County	4	2:30AM							FUNNEL CLOUD
Near Plainview Wabasha County	5	1:35AM							FUNNEL CLOUD
ZW Thief River Falls Pennington County	12	3:30PM							FUNNEL CLOUD
3W Marshall Lyon County	22	1:03PM							FUNNEL CLOUDS
Truman Vicinity Martin County	22	3:18PM							FUNNEL CLOUD
Over Eden Prairie Hennepin County	22	6:40PM							FUNNEL CLOUDS
Over Hopkins Hennepin County	22	7:40PM							FUNNEL CLOUD
5W Marshall Lyon County	31	11:02PM							FUNNEL CLOUD
MISSISSIPPI									
Weshoba County	9				1	1	0	0	Thunderstorm, lightning
An elderly woman was struck by lightning and killed in the Sandtown Community where she lived. She was outside of her house at the time. Her husband was injured and treated at the County hospital and released.									
De Soto County	28	11:50 a.			0	4	4	0	Thunderstorm, high winds
A trailer, used as a polling place in a primary election runoff, was overturned and wrecked by high winds in Southaven, a few miles south of Memphis, Tenn. Four election workers were in the trailer and all of them sustained minor injuries. They were treated at a Memphis hospital.									
MISSOURI									
Knox County	21	4 pm	?	?	0	0	0	5	Hail
Marble-sized hail fell from 4 to 5:30 pm, causing an estimated \$150,000 crop damage. Two inches of rain fell in the same period.									
St. Louis County	21	8:30 pm	?	?	0	0	5	0	Lightning
Lightning in a heavy thunderstorm touched off several fires in the St. Louis area. Lightning was blamed for a three-alarm blaze that damaged the roof at Roosevelt High School. Firefighters managed to confine the fire to the attic in the southeast corner of the school. Lightning caused a fire that extensively damaged the Woodson Terrace municipal garage. Lightning struck a transformer on a utility pole next to the garage, and the charge passed through electrical wires into the garage building itself where it blew out all the light fixtures. Lightning struck two houses in the Chest-erfield area, causing minor damage, and started a small fire in the basement of a house on Notre Dame Drive in Creve Coeur.									
Summersville, Texas County	22	3:30 pm	?	?	1	2	4	0	Wind
A nine-month-old boy was killed and two other persons injured when winds in an isolated thunderstorm blew over a large hickory tree, crushing the end of the mobile home they were in. Marian Francis Heiney, infant son of Ivan and Julie Heiney, was dead on arrival at St. Francis Hospital with a broken neck. Another son, four-year-old Anthony Heiney, was admitted to the hospital with a broken leg and various abrasions and contusions. A 19-year-old baby-sitter, Gail Medley, who had been caring for the Heiney children at her mother's house trailer, was pinned in the wreckage for nearly an hour. Miss Medley had been sitting in a chair in the living room, and the two children were on the other side of the room, when the falling tree crashed through the roof, narrowly missing her head. A large limb caught her legs, however, forcing both her feet through the floor. The limb and parts of the mobile home had to be cut away in small pieces to get her out. Mrs. Heiney was treated for shock at the hospital emergency room and released.									
MISSOURI (continued)									
Sedalia, Pettis County	22	5:45 pm	?	?	0	13	4	0	Wind
Three fairgoers, nine carnival employees, and one fair worker were treated and released from the emergency room at Bothwell Hospital, when a brief but damaging storm with 45-50 mph winds swept through the Missouri State Fairgrounds. The storm downed several carnival tents and trailers in the midway area on the Fairgrounds. Most injuries occurred when overturning trailers struck carnival workers. Some of the injured were inside the trailers when they flipped over. Most of the injuries were cuts, bruises, and sprains, while a broken rib was the most serious. Jerry Murphy, owner and operator of Murphy Brothers Exposition Inc., said five forty-foot game trailers and eight canvas tents were felled by the strong winds. The 30' x 40' carnival entrance sign at the east edge of the midway was also blown down. Murphy estimated his loss at approximately \$50,000. The storm drenched fairgoers with nearly an inch of rain and belted them with small hail.									
MONTANA									
NONE REPORTED									
NEBRASKA									
Valley, Greeley, Sherman and Howard Counties	1	6:45 PM			0	0	0	5	Hail
Hail to 1/2 inches damaged crops around North Loup, Ashton and north of Poskus.									
Dakota County	2	5:30 AM			0	0	0	5	Hail
Hail accumulating to a depth of 1 inch damaged crops around Homer.									
Knox County	4	Early Morning			0	0	2	0	Lightning
Lightning struck and killed a steer northwest of Bloodfield.									
Scottsbluff County	8	7:20 PM			0	0	?	?	Hail
One inch hail fell near Morrill. No damage was reported.									
Dawes County	9	1:25 PM			0	0	0	0	Funnel Cloud
A funnel cloud was sighted near Chadron.									
Antelope County	9	5:25 PM			0	0	?	?	Hail
One inch diameter hail along with very gusty winds occurred near Dakdale. No damage reported.									
Saunders County	9	7:35 PM			0	0	4	1	Damaging Winds
Strong winds in thunderstorms damaged a barn and uprooted trees north of Waboa.									
Cass County	9	10:00 PM			0	0	3	0	Lightning
Lightning set fire to a barn northwest of Murray.									
Holt County	12	2:30 AM			0	0	3	0	Damaging Winds
Winds in thunderstorms toppled trees around Page causing damage to a home.									
Valley County	17	4:00 PM			0	0	1	4	Damaging Winds and Hail
One and a half inch hail and strong winds broke tree limbs and caused some crop damage southwest of Ord.									
Sherman County	17	6:00 PM			0	0	0	3	Hail
Three quarter inch hail caused minor crop damage around Loup City.									
Chase County	17	11:45 PM			0	0	0	2	Lightning
Fire started by lightning set fire to a large hay stack northwest of Imperial.									
Antelope County	18	7:00 PM			0	0	5	2	Damaging Winds
Strong winds in thunderstorms uprooted trees, damaged homes and farm buildings and toppled irrigation systems around Elgin.									
Dixon County	18	9:00 PM			0	0	6	5	Flash Flood
19	-1:00 AM								
Excessive rains of 6 to 9 inches forced Iowa Creek out of its banks causing extensive flooding of homes and businesses in Poca. The torrent of water washed but crops, tore trees from the creek bed and washed out 15 bridges in the county.									

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AUGUST 1979

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					KILLED	INJURED	PROPERTY	CROPS	
NEBRASKA (continued)									
Perkins County	19	12:00 AM			0	0	4	0	Lightning
									Fire started by lightning destroyed a barn and its contents near Grant.
Clay County	20	4:30 PM - 4:45 PM	6	10	0	0	?	?	Tornado
									A tornado formed just north of Glenville and moved northeast to 3 miles northwest of Harvard. Touchdowns were brief with little damage reported.
Hamilton and York Counties	20	5:45 PM - 6:45 PM			0	0	1	6	Hail
									Hail to 1 1/2 inches damaged crops. Most damage was in a strip from south of Giltner to the Bradshaw area.
Nuckolls County	20	6:15 PM	4	10	0	0	1	?	Tornado
									A tornado touched down at brief intervals from 8 miles north of Nelson to 3 miles south of Edgar. Path was in open country and little damage reported.
Stanton, Thurston, and Cuming Counties	20	6:20 PM			0	0	2	6	Hail
									Hail to 1 inch damaged crops in a strip from 6 miles south of Pilger through Wisner and Penndr.
Hall County	25	Afternoon			0	0	4	0	Lightning
									Fire set by lightning destroyed a farm home 10 miles north-northeast of Shelton.
Lincoln County	25	1:30 PM			0	0	2	3	Hail
									Hail to 1 and three quarters inches in diameter fell briefly just west of North Platte. No major damage was reported.
Nuckolls County	25	3:00 PM			0	0	0	3	Lightning
									Fire started by lightning destroyed a number of hay piles 6 miles northwest of Superior.
Sarpy County	25	3:30 PM			0	0	0	4	Hail
									One inch hail damaged crops west of Springfield.
Lincoln County	25	4:10 PM			0	0	0	3	Hail
									One inch hail was reported around Wallfleet and Maxwell with some crop damage.
Deuel County	25	4:45 PM			0	0	0	4	Hail
									One and a half inch hail fell briefly around Big Springs with some damage to crops.
Scottsbluff County	25	5:40 PM			0	0	2	3	Hail
									Two inch hail fell 25 miles southwest of Spegall causing crop damage.
Red Willow, Frontier and Furnas Counties	25	5:45 PM - 6:30 PM			0	0	4	6	Hail and Damaging Winds
									Hail around 3/4 inch in diameter driven by wind gusts to 70 m.p.h. in thunderstorms caused heavy crop damage, downed trees and damaged roofs, windows, siding on houses and other buildings. One of the hardest hit areas was around McCook where the hail drifted to 1 to 3 feet deep. Also heavy crop damage around Curtis and Cambridge.
Hall County	27	3:25 PM			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted between Wood River and Shelton.
Sioux County	27	5:00 PM			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted 20 miles south and 8 miles west of Harrison.
Boyd County	28	2:30 AM			0	0	5	0	Lightning
									Lightning set fire destroyed a large barn north of Spencer.
Knox County	28	4:00 AM			0	0	0	2	Lightning
									Lightning set fire to hay piles on a farm northwest of Lindy.
Sarpy County	28	5:00 PM			0	0	?	0	Hail
									Three quarter inch hail was reported at Offutt Air Force Base.

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					KILLED	INJURED	PROPERTY	CROPS	
NEBRASKA (continued)									
Cass County	28	5:30 PM			0	0	3	2	Hail
									One and a half inch hail fell around Union, denting a few cars and causing some crop damage.
Cass County	28	5:35 PM			0	0	4	0	Damaging Winds
									Strong thunderstorm winds damaged a barn southwest of Plattsmouth.
Nemaha County	28	7:40 PM			0	0	2	4	Hail
									One and a half to two inch hail fell around Auburn with some crop damage.
Richardson County	28	11:30 PM			0	0	2	4	Damaging Winds and Hail
									Strong winds and 3/4 inch hail downed trees and damaged crops around Barad.
Richardson County	28	11:45 PM			0	0	0	0	Funnel Cloud
									A funnel cloud was reported 5 miles north of Rulo.
Brown and Rock Counties	31	6:15 PM			0	0	1	3	Hail
									One inch hail caused some damage to crops around Long Pine and Basset.
Madison County	31	10:00 PM			0	0	0	?	Hail
									Three quarter inch hail fell around Norfolk. No damage reported.
NEVADA									
Las Vegas & Extreme Southern Nevada	12, 13	UNK	-	-	0	0	5	0	Thunderstorms.
									Local flooding of streets and damage to homes and autos. 1800 homes without power for 12 hours or longer.
5 miles east of Golconda	14	1400 PDT	UNK	UNK	0	0	0	0	Tornado.
									Tornado sighted by co-op observer in open area. No damage.
Battle Mountain	14	1547 PDT	-	-	0	0	0	0	Thunderstorm with high winds.
									Heavy thunderstorm. Wind gusts 56kts. Three-quarter inch hail. Tore up trees in canyon.
Angel Lake Mountain 9 mi SW of Wells	19	Early PM	UNK	UNK	0	0	5	0	Tornado.
									Funnel over mountain touched down for a brief period.
Reno-Sparks	29	08-11 PDT	-	-	0	0	5	0	Heavy rain. Flash Flood
									Local flash flooding. Minor damage mainly flooded underpasses and intersections. A wall began to crumble in one railroad underpass.
NEW HAMPSHIRE									
Rockingham County	28	5-6 pm			0	0	6	0	Severe Thunderstorms
									Newmarket was battered by a line of severe thunderstorms which produced downdraft winds of about 90 mph. Two areas of downdraft winds were evident. One just to the west of Newmarket was 1/8 of a mile long and 200 yards wide. The other went through Newmarket and was 1/2 mile long and 300 yards wide. Many trees were uprooted. Lamprey River Trailer Park was one of the most severely hit sections. At Essex, a building lost 3/4 of its roof. The library lost part of its slate roof. Walls were blown in at Timberlane and Rockingham Sheds. Estimated damage was one-quarter million to homes, 1 1/2 million to businesses.
NEW JERSEY									
Parsippany	6	2:30p			0	0	?	?	Lightning storm, damaging wind, hail
									The heat and humidity came to an abrupt end when a severe line squall which brought thunder and lightning along with damaging winds and large hail, marble-sized, to parts of Northeast Jersey. The temperature dropped from 85 degrees to 56 degrees in a matter of minutes. This was caused by a strong cold front that moved down from the Great Lakes. The line of thunderstorms was unusual because it moved nearly due southward, instead of the more common west-to-east movement. As a result large hail and vivid lightning was reported in this area. The storm lasted about 15 minutes and was followed by gradual decrease in cloudiness and a noticeable decrease in humidity levels.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
Woodbridge, Middlesex, Monmouth and Ocean Counties	10	afternoon			0	?	?	?	Electrical storm, Flash flooding
		A vicious electrical storm whipped through this area in the afternoon leaving trees torn up at the roots. High winds splintered a wooden canopy at New Jersey Turnpike injuring several people and damaging about 25 vehicles.							
Barnegat Township, Ocean and Monmouth Counties	10	4:30p			0	3	?	?	Thunderstorm, High winds
		A series of violent thunderstorms accompanied by high winds and torrents of rain swept through many areas of Northern New Jersey counties. Two women were injured from fallen trees. Lightning struck a man in his home when he tried to turn off the air-conditioner during the storm. He was struck in the left hand. Trees were downed, sporadic power outages occurred and reports of numerous sailboats were overturned in Sandy Hook and Barnegat Bays							
NEW MEXICO			NO REPORT RECEIVED						
NASSAU, SUFFOLK CO.	4	early a.m. late p.m.			1	?	?	?	Tropical Storm
		A tropical storm swept across Long Island whipping up high waves and rough surf along the South Shore might have broken the heat wave that plagued the region for weeks. One man died after being pulled from a rough surf at a beach near his home. The Coast Guard reported 6-8 foot waves off East Moriches.							
near Bridgehampton	10	p. m.	1	9	0	0	?	?	Tornado
		A tornado was reported just north of Scuttle Hole uprooting trees, flattening corn fields and sending branches flying in all directions. The tornado lasted about a half hour.							
WARREN, SARATOGA, WASHINGTON, MONTGOMERY, ONONDAGA, JEFFERSON, ST. LAWRENCE & ESSEX COUNTIES	2	2:30P-8:30P			0	0	5	0	THUNDERSTORMS
		LIGHTNING AND 25 TO 45 MPH WINDS WITH GUSTS TO 55 MPH CAUSED NUMEROUS DOWNED TREES AND POWER LINES, CREATING MANY POWER OUTAGES THROUGHOUT THE AREA. A SUSPECTED SMALL TORNADO THREW TWO HAY WAGONS AGAINST A BARN AND UPROOTED SOME TREES IN MONTGOMERY COUNTY. IN JEFFERSON COUNTY THREE TRAILER HOMES WERE DESTROYED BY STRONG WINDS AND SEVERAL TRAILERS WERE DAMAGED IN ST. LAWRENCE COUNTY.							
ORANGE, ULSTER, DUTCHESS, COLUMBIA, GREENE, AND DELAWARE COUNTIES	10	1P-4P			0	1	5	4	THUNDERSTORMS
		42 MPH WINDS REPORTED ALONG WITH 1-1/2 INCHES OF RAIN CAUSED DOWNED TREES AND POWER LINES WITH MANY POWER OUTAGES. IN GREENE COUNTY A TRAILER HOME WAS DESTROYED BY STRONG WINDS AND THE OWNER WAS INJURED BY FLYING GLASS. THIRTEEN CAMPING TRAILERS WERE OVERTURNED IN A CAMPSITE IN DELAWARE COUNTY. LIGHTNING WAS THE CAUSE OF A FEW RESIDENTIAL FIRES REPORTED IN THE AREA.							
Chautauqua County	8/1	Morning			0	0	4	0	Wind & Rain
		A thunderstorm with heavy rains and very strong winds blew off a roof of a house and uprooted trees. Some homes incurred water damages.							
Chautauqua and Cattaraugus Counties	8/7	Night			0	0	0	0	Wind & Heavy Rain
		A cluster of very heavy thunderstorms with strong winds and heavy rains which originally produced a tornado in Ontario, Canada moved on to ravage Chautauqua and Cattaraugus Counties. Sinclairville in Chautauqua County received 5.9 inches of rain in about two hours. Flash flooding inflicted major damages to more than 27 bridges. Many miles of roads were inundated. Soils, especially in streams were eroded. More than 60 homes and 17 businesses suffered major damages. About 300 homes incurred minor damages. Cornfields were flattened.							
WESTERN Niagara and Erie Counties	8/28	Night			0	0	4	0	Heavy rains & Lightning
		Scattered thunderstorms poured copious amounts of rain over many spots of Niagara and Erie Counties and inundated many roads. Flooded underpasses with up to two feet of water caused numerous flooded basements. Lightning struck power lines and rendered 10,000 homes without electricity.							
Erie County	8/29	Night			0	0	5	0	Heavy rains & Lightning
		For the second night in a row, scattered thunderstorms poured heavy rains and deluged many streets and flooded thousands of basements. Ten major route viaducts were flooded. Some underpasses were covered with seven feet of water. Power lines were struck and 5000 homes were without power for several hours.							
CURRITUCK COUNTY	12	9-11:00am			0	0	0	0	Waterspouts
		Several waterspouts on the Albemarle Sound between Alligator River and Powels Point.							
ROCKINGHAM COUNTY	19	4:00 pm	3	5000	0	0	4	5	Wind
		Strong winds associated with thunderstorms damaged crops, utility lines, trees, roofs, and a mobile home in an area from Monbeton to Sandy Cross to Ruffin.							
CUMBERLAND COUNTY	21	1:10 pm			1	0	0	0	Lightning
		A 16 year old boy was killed by lightning while taking clothes from a plastic coated metal clothesline in the backyard.							
HALIFAX COUNTY	21	2:00 pm			0	0	0	4	Thunderstorm
		A thunderstorm with pea size hail and strong winds damaged crops - mostly beans and tobacco. Estimated damage was \$40 to \$50,000. The area was between Roanoke Rapids and Halifax.							
TOLUCA	21	2:30 am			0	0	4	5	Wind & Hail
		Thunderstorms with high winds and some large hail damaged apples in both Lincoln and Cleveland Counties. Damages were estimated over \$100,000.							
ROBESON COUNTY	21	3:00 pm			0	0	4	3	Wind
		Winds estimated over 70 mph toppled trees and tore roofs from building in the Allenton area.							
BLADEN COUNTY	21	3:40 pm			0	0	1	1	Tornado
		A tornado touched down briefly between Bladenboro and Elizabethtown. Golf ball size hail was observed. Numerous trees were damaged.							
GUILFORD COUNTY	21	5:00 pm			0	0	3	3	Thunderstorm
		A thunderstorm with strong winds and quarter size hail damaged crops, trees, and some mobile homes near Greensboro.							
ONSLOW COUNTY	21	5:20 pm			0	0	4	4	Wind and Hail
		A thunderstorm with high winds and golf ball size hail hit near Richlands. A mobile home was destroyed and barns and buildings were damaged. Tobacco and other crops were damaged.							
ROBESON COUNTY	21	6:00 pm			0	0	0	0	Tornado
		A state transfer trucker observed a tornado near Rowland. He saw the funnel cloud touch down four times and, at one point, skipping over Interstate 95.							
MINOT AFB 30SW (Ward County)	1	3:00p CST			0	0	0	0	Hailstorm
		Hailstones one inch in diameter. No damage reported.							
MOTT 5NE (Hettinger County)	1	5:20p CST			0	0	3	5	Hailstorm
		Golfball sized hail knocked out several windows in a house and barn, and damaged some area crops.							
EGLAND to ALSEN (Tower and Cavalier Counties)	1	5:30p CST			0	0	5	6	Hailstorm Windstorm
		Golfball to baseball sized hail, accompanied by 50 to 60 mph winds, wiped out crops in a strip 20 miles long and up to 2.5 miles wide. In addition, the storm smashed windows on homes and outbuildings, damaged siding and roofing, and stripped paint from west and north walls of buildings.							
ROLLA 1NE (Rolette County)	3	12:40p CST			0	0	0	0	Funnel

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA (continued)									
Denbigh (McHenry County) to Oriska (Barnes County)	3	3:10p CST			0	2	6	8	Hailstorm Windstorm
Golfball to baseball sized hail...accompanied by winds up to 60 mph...damaged more than 800,000 acres of crops, damaged roofs and sidings on buildings, broke windows, and dented cars along a path up to 20 miles wide from Denbigh through New Rockford to Oriska. In addition, two motorcycle riders were cut by hail while driving through Foster County, and cattle were injured by the hail and a barn was blown over by the wind at Esmond (Benson County).									
Anamoose 13NE (Pierce County)	3	3:45p CST	?	?	0	0	4	5	Tornado Hailstorm
Tornado destroyed a pole barn, uprooted trees and damaged crops. Golfball sized hail accompanying the tornado severely damaged crops.									
Leeds 12SE (Benson County)	3	4:15p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Cooperstown 15NW (Griggs County)	3	5:45p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Garrison 15NW (McLean County)	4	6:00a CST			0	0	5	4	Hailstorm
Golfball sized hail damaged crops, windows, roofs, sidings and cars.									
Burnstad (Logan County)	4	7:42a CST			0	0	0	0	Hailstorm
Golfball sized hail. No damage reported.									
Argusville (Cass County)	12	5:30p CST							Funnel
Walcott 8W (Richland County)	12	6:16p CST							Funnels(3)
Bismarck 10S (Burlleigh County)	21	4:55p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Bismarck (Burlleigh County)	21	5:10p CST							Funnel
St. Anthony 12SW (Morton County)	21	5:28p CST							Funnels (2)
Mandan 15SW (Morton County)	21	5:50p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Taylor 10NW (Stark County)	27	2:00p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly in an open field. No damage reported.									
Mott 20N (Hettinger County)	27	2:10p CST							Funnel
Rhame (Bowman County) to Reeder 12S (Adams County)	27	2:35p CST			0	0	4	5	Hailstorm
Golfball sized hail cracked windows in homes and autos, damaged crops along a track 50 miles long and up to 2-1/2 miles wide from Rhame through Scranton to southwest Adams County									
Bowman 7NW (Bowman County)	27	3:05p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Reeder 9S (Adams County)	27	4:45p CST	?	?	0	0	0	0	Tornado
Tornado touched down briefly. No damage reported.									
Bismarck (Burlleigh County)	28	4:40p CST			0	0	2	0	Lightning
Lightning struck a house damaging the carpet, drapes, drain trough and four electrical outlets.									
Cando (Towner County)	30	9:45p CST			0	0	0	0	Hailstorm
Hailstones up to 3/4 inches in diameter. No damage reported.									
Munich 4E (Cavalier County)	31	12:20a CST			0	0	0	4	Hailstorm
Golfball sized hail damaged crops.									
Cavalier, Pembina and Northern Walsh Counties	31	12:20a CST to 3:45a CST			0	0	0	5	Heavy rain
Three to five inches of rain swamped low lying fields making harvesting difficult. The hard rain, along with strong winds and pea sized hail, bent wheat almost flat and broke sunflower stalks in some areas. In addition, some roads and three small airfields were put under water in the Edinburg Area (Northern Walsh-Southern Pembina Counties).									

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA (continued)									
New Town (Mountrail County)	31	5:14p CST			0	0	0	0	Windstorm
Winds of 60 mph. No damage reported.									
Langdon 20W (Cavalier County)	31	5:20p CST							Funnel
Minot AFB 5SW (Ward County)	31	6:17p CST							Funnel
Carrington 20SW (Stutsman County)	31	8:15p CST			0	0	0	0	Hailstorm
Golfball sized hail. No damage reported.									
Towner (McHenry County)	31	9:20p CST			0	0	4	0	Hailstorm Windstorm
High winds knocked down trees and antennas. Golfball sized hail was also reported.									
McVillage 20W (Eastern Eddy and Southwest Nelson Counties)	31	9:55 p CST			0	0	5	5	Hailstorm Windstorm
Golfball to baseball sized hail flattened grain and sunflower crops; damaged roofs, windows and sidings of buildings; and cracked car windshields. High winds knocked down TV antennas, toppled a windmill, caved in a hanger wall, and tore a door off a quonset.									
OHIO									
Southwest	1	2 - 3 PM	-	-	1	5	5	0	Heavy Rain, High Wind, Lightning
Heavy thunderstorms moved through southwest Ohio with strong winds and heavy rains. Winds to 60 mph downed trees and utility lines and did structural damage. A number of roofs were blown off and flying debris injured 5 people. Heavy rain in excess of 2 inches flooded many streets and basements. In Dayton four girls took refuge from the storm in a drainage ditch which was then hit by flash flooding. One girl drowned and 2 others were injured. Lightning strikes started a number of fires.									
Northeast	1	5 - 7 PM	-	-	0	1	5	0	Heavy Rain, High Wind, Lightning
Heavy thunderstorms moved through this area of the state producing 2 inches of rain, high winds and numerous lightning strikes. Winds toppled a concrete block wall which fell on and injured a workman. Heavy rains caused considerable urban flooding and lightning strikes ignited several fires.									
Central	1	10-11 PM	-	-	0	0	4	0	High Wind, Heavy Rain, Lightning
Heavy thunderstorms with winds to 75 mph downed trees and utility lines. The storms also produced 1 to 2 inches of rain which caused considerable urban flooding. Lightning strikes ignited several fires.									
Northern Half	5	2 - 4 PM	-	-	2	3	6	0	High Winds, Lightning
A line of thunderstorms moved across the northern half of the state ahead of a cold front. The storms produced winds to 70 mph and numerous lightning strikes. A 21 year old man was killed instantly when a tree fell on him in Mohican State Park. A 10 year old Union County girl was killed when a tree limb fell on a van in which she was riding crushing her skull. Two other persons were injured by flying debris. The winds also capsized dozens of boats on Lake Erie. One man was injured near Sandusky when his 17 foot boat was capsized. Lightning strikes started several fires, the most notable of which was a \$1 million blaze at an oil refinery in Toledo.									
Marion County	8	1130 AM	1.2	50	0	0	5°	C	TORNADO
A tornado touched down in a subdivision 4 miles south of Marion. The storm damaged 34 houses 9 of them severely. This same cell produced high winds and damage at the Marion County Fair.									
Northwest Quarter	8	10AM-1PM	-	-	0	18	6°	C	High Wind, Lightning, Heavy Rain
A number of thunderstorms with winds to 85 MPH and severe lightning moved through the northwest quarter of the state. The most significant damage occurred in north central Ohio. A severe thunderstorm passed over the Marion County Fairgrounds toppling tents and rides injuring 18 people. Lightning strikes ignited several fires. The high winds and up to 2 inches of rain damaged a number of crops in northwest Ohio. Crop loss was estimated at 3/4 of a million dollars. Significant wind damage also occurred in Defiance County.									
East Central	10	2 - 4 PM	-	-	0	0	4	0	High Winds
Numerous thunderstorms moved through the east central Ohio counties with winds to 70 MPH. The winds damaged several farm outbuildings and downed trees and utility lines.									
Southwest	18	10PM-MDNT	-	-	0	0	4	0	Heavy Rain, High Winds
Several thunderstorms moved through southwest Ohio dumping up to 2 inches of rain. The rain caused considerable urban drainage flooding. Gusty winds also downed a number of trees and utility lines. Especially hard hit was the Dayton area.									

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					KILLED	INJURED	PROPERTY	CROPS	
OHIO (continued)									
Gallia, Meigs, Vinton Jackson Counties	19	MDNT-4AM	-	-	0	0	5°	C	Heavy Rain
			In excess of 3 inches of rain fell on these counties in 3 hours. This amount of rain caused considerable flooding of creeks and low lying areas in these counties.						
OKLAHOMA									
Wilburton, Latimer County	10	afternoon			0	0	3	0	Flooding
			Unofficial amounts up to 4.8 inches of rain were recorded in a two hour period. Minor flooding of a few homes occurred. The intersection of State Highway 2 North and U.S. 270 was flooded.						
Oklahoma City Oklahoma County	10	5:55p			0	0	7	0	Hail
			Three-quarter inch hail at Tinker AFB.						
Claremore, Rogers County	10	7:00p			0	0	4	0	Windstorm
			Tree damage occurred at Claremore. Six miles south of Claremore, winds damaged 12 camper tops at a sales outlet.						
Lake Keystone	10	7:30p			0	0	4	0	Windstorm
			Winds, estimated as high as 70 mph, damaged the Keyport Marina and Burke Marine. Tree and power line damage also occurred.						
Stephens County	10	night			0	0	4	0	Windstorm
			A porch roof was blown over 100 feet from a house west of Comanche. Many tree limbs were blown down and some pecan trees were uprooted at Abington.						
Near Wewoka, Seminole County	15	4:37p							Funnel Cloud
Minco, Grady County	19	1:00p			0	0	3	0	Windstorm
			Four utility poles were snapped off or blown down. A plate glass window was broken and some damage reported to the gin.						
Davis, Murray County	19	3:00p			0	0	3	0	Windstorm
			Several metal buildings were blown over and a chain link fence was torn down. Several boats, at a sports center, were blown off their trailers.						
Cleveland County	19	afternoon	short narrow		0	0	3	0	Tornado
			Small funnel touched down briefly and destroyed a nearly completed barn near SE 104 and Triple X Road.						
Cotton County	19	afternoon			0	1	4	0	Windstorm
			Winds, up to 60 mph, were reported across the County. Power poles were blown down near Randlett. Damage occurred to trees and roofs. An empty tractor-trailer truck was overturned, while parked, about 5 1/2 miles south of Walters on the Bailey Turnpike. The driver was injured.						
Pawhuska, Osage Co.	19	4:00p			0	0	4	?	Windstorm
			Numerous trees were toppled and uprooted. Small hail occurred.						
Pawnee, Pawnee Co.	19	late afternoon			0	0	3	0	Windstorm
			Tree damage was generally confined to 9th and 8th streets. All of the trees fell to the east.						
Near Pauls Valley, Garvin County	19	5:00p			0	0	4	0	Windstorm
			One mobile home was completely destroyed and another received extensive damage 5 miles south and 1 mile east of Pauls Valley. Additional damage was reported to a third mobile home nearby.						
Nowata County	19	5:55p			0	0	4	0	Windstorm
			Winds downed two telephone poles and a radio tower in Nowata. Southeast of the City, a roof was blown off a barn. A tornado was reported west of Nowata, but could not be confirmed.						
Madill, Marshall Co.	19	night			0	0	3	0	Windstorm
			Minor tree damage.						
Lawton, Comanche Co.	20	8:15p			0	0	4	0	Windstorm
			A peak gust of 62 mph was recorded at the Lawton Airport. Damage occurred to trees and power lines.						
Temple, Cotton Co.	20	9:00p			0	0	4	0	Windstorm
			Several businesses were damaged by wind gusts estimated at 75 mph.						
Ryan, Jefferson Co.	20	night			0	0	3	0	Windstorm
			High winds uprooted and damaged trees in the area.						
Near Seiling, Dewey County	21	3:10p	8 narrow		0	0	0	0	Tornado
			Funnel was first observed about 8 miles southwest of Seiling; moving slowly to the northeast. It was observed for about 15 min. before dissipating. A debris cloud was visible through most of its lifespan.						
Woodward County	21	3:15p							Funnel Cloud
			Observed southeast of Mutual. No damage could be found to indicate that it ever touched down.						
Near Fairview, Major County	21	3:50p							Funnel Cloud
			Moved north northeast.						
OKLAHOMA (continued)									
Newkirk, Kay County	21	4:20p			0	0	5	?	Hail, Heavy Rain
			Hail (up to 2 inch) fell for about 50 minutes and caused widespread roof and car damage. Nearly 4 1/2 inches of rain fell in less than 1 hour; flooding Highway 77. Winds reached 50 mph.						
Ponca City, Kay Co.	21	5:11p			0	0	6	?	Windstorm
			The FAA Flight Service Station recorded sustained winds near 50 mph with gusts to 87 mph. At the airport, 2 planes were destroyed and a third heavily damaged. Several vehicles were damaged as well as hangars and the control tower. Several homes and businesses suffered roof damage. North of Ponca City, on Highway 77, the roofs of 5 greenhouses were blown off and a horse tank was blown into one of them. One mobile home was unroofed along with a restaurant.						
Perry, Noble Co.	21	5:30p			0	0	3	0	Windstorm
			Winds, estimated near 70 mph, damaged trees and signs.						
Blackwell, Kay Co.	21	5:48p			0	0	7	?	Hail, Wind
			Golfball size hail with winds of 50 to 60 mph.						
Kingfisher, Kingfisher County	21	6:00p			0	0	2	0	Windstorm
			Strong winds knocked over a chimney at a home.						
Near Red Rock, Noble County	21	6:15p	short narrow		0	0	0	0	3 Tornadoes
			Three weak mini-type vortices were observed producing dust swirls in open country about 3 miles southeast of Red Rock.						
Edmond, Oklahoma Co.	21	6:25p			0	0	3	2	Windstorm, Hail
			A 100 foot long greenhouse was destroyed. Observers reported a wall cloud type formation in the area, but no funnel was reported with it. Golfball size hail occurred with the storm.						
Payne County	21	6:30p			0	0	4	0	Windstorm
			Widespread tree damage occurred across the County. A mobile home, south of Stillwater, was demolished while one parked next to it was not damaged as it was tied down. Wind gusts up to 58 mph were recorded at the Stillwater City Hall.						
Logan County, Guthrie	21	6:30p			0	0	4	0	Windstorm
			Strong winds blew plate glass windows out of three stores and knocked down trees and power lines in the town.						
Near Pawnee, Pawnee County	21	6:40p	short narrow		0	0	0	0	Tornado
			A multi vortex tornado was observed producing a dust swirl about 5 miles northeast of Pawnee.						
Near Weatherford, Custer County	21	6:42p			0	0	?	?	Hail
			Golfball size.						
Creek County	21	7:20p			0	0	5	0	Windstorm
			At Sapulpa, damage was reported to several residences and buildings with falling trees damaging several cars. Winds peeled off about 8000 square feet of composition roof covering the north side of a metal school building 3 1/2 miles northeast of Sapulpa. Heavy tree damage was reported north of Sapulpa. Five miles east of Sapulpa, a large tree fell through the roof of a mobile home. Damage was also reported to two businesses at Mannford.						
Cleveland, Pawnee County	21	7:30p			0	0	4	0	Windstorm
			Wind damage occurred to several businesses in the City with tree damage reported throughout the area.						
McClain County	21	7:30p	short narrow		0	0	0	0	Tornado
			Tornado observed between Cramer and Washington. Several persons saw the funnel hit the ground and lift up. No damage reported.						
Cleveland County	21	7:45p			0	0	7	?	Hail, Wind
			Hail (up to 1 1/2 inch) fell at Moore. Wind gusts of 65-75 mph were reported at Norman.						
Broken Bow, McCurtain County	21	8:00p			0	0	3	0	Windstorm
			Strong winds destroyed a large tree and tore off part of a garage roof.						
Davidson Area, Tillman County	21	8:30p	short narrow		0	0	0	0	Tornado, Hail
			Funnel was observed 2 miles south of Davidson and touched down briefly; causing no damage. Marble to golfball size hail was reported at Davidson.						
Garvin County	21	9:00p			0	0	4	?	Hail, Funnel
			Golfball to baseball size hail was reported in Erin Springs and 4 miles south and west of Lindsay. The hail caused heavy damage to home windows and cars. Damage was also reported to the soy bean crop. A funnel was observed over Erin Springs, but did not touch down. Heavy rain occurred with the storm.						

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					KILLED	INJURED	PROPERTY	CROPS	
OKLAHOMA (continued)									
Baskell, Muskogee County	21	9:00p			0	0	4	0	Windstorm
			Winds, estimated at 50-60 mph,						damaged and unroofed outbuildings and barns.
Seminole, Seminole County	21	9:30p			0	0	3	0	Windstorm
			Tree damage throughout the city with at least 1 large tree uprooted.						
Tulsa County	21	night			0	0	5	0	Windstorm
			Tree damage occurred throughout the Tulsa area. At Sand Springs, two mobile homes were moved about 8 feet from their bases and 35-40 small storage buildings were damaged. At the airport, in Jenks, a hanger door blew into one plane and a large piece of sheet metal blew into another. Winds, at Bixby, were estimated at 60 mph with gusts to 80.						
Wayne, McClain Co.	21	10:00p			0	0	4	?	Hail, Wind
			Hail stones as big as "walnuts" fell during a 10 minute period. Trees were uprooted by high winds.						
Pittsburg County	21	10:15p			0	0	4	0	Windstorm
			Winds blew over a 35 foot power pole east of Savanna. It was broken off 6 inches above the ground. Large trees were blown over in McAlester.						
Ada, Pontotoc Co.	21	10:30p			0	0	4	0	Windstorm
			High winds blew out a 5'x8' showroom window at a car dealership in Ada. Additional damage occurred to area trees.						
Sulphur, Murray County	21	10:30p			0	0	4	0	Windstorm
			A plate glass window was blown out at a business and damage was reported to a sheet metal workshop. Hail (size not reported) also occurred with the storm.						
Near Piedmont, Canadian County	22	6:14p	short	20	0	0	3	0	Tornado, Hail
			A thin, rope-like, funnel touched down 2 miles west of Piedmont. The small tornado was on the ground for only about 15 seconds. A witness reported little or no noise with the tornado. It destroyed several barns and storage sheds. Debris was blown into a house.						
Canadian County	22	6:30p			0	0	4	?	Wind, Hail
			Winds of 50-60 mph were recorded at the Fort Reno entrance at El Reno. Most of the damage was in the western portion of El Reno. A trailer camper was overturned. Sheet metal fencing, at a drive-in movie, was damaged. Tree and window damage occurred. Hail, up to baseball size, was also reported at El Reno. Baseball size hail also caused tree damage at Concho.						
Near Union City, Canadian County	22	6:55p	?	?	0	0	?	0	Tornado
			Tornado damaged a home and trees 3 miles west of Union City.						
Chickasha, Grady County	22	7:00p			0	0	3	0	Windstorm
			Several power lines were downed.						
Mountain View, Kiowa County	22	7:05p			0	0	3	0	Windstorm
			Trees were damaged and uprooted along with some damage to power lines. Small hail occurred with the storm.						
6 Northwest of Piedmont, Canadian Co.	22	7:06p			0	0	?	?	Hail
			Baseball size.						
Comanche County	22	7:45p			0	0	4	0	Windstorm
			Winds of 65-75 mph occurred in the Lake Lawtonka area. One boat sank when the winds smashed it into the dam. The occupants had already been evacuated earlier when the boat ran out of gas. A sailboat also capsized. Minor damage was reported to boathouses. North of Lake Lawtonka, hail (size not reported) and winds of 60 mph occurred. At Lake Ellsworth, 8 to 10 boathouses broke loose from their moorings in winds estimated up to 60 mph. In Lawton, a metal shed was blown over.						
Miami, Ottawa Co.	22	10:40p			0	1	0	0	Lightning Strike
			A girl was shocked while walking across a wet parking lot. The lightning struck a nearby utility pole and the current was carried across the lot to a puddle in which she was standing.						
Grant County	24	afternoon	short narrow		0	0	0	0	Tornado
			Deputy Sheriff observed small tornado on the ground just west of Wakita.						
Near Loyal, Kingfisher County	24	5:10p			0	0	?	?	Hail
			Golfball size hail and 50 mph winds were reported 3 miles northwest of Loyal.						

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)									
Garber, Garfield Co.	24	5:25p			0	0	?	?	Hail, Funnel
			Golfball size hail, heavy rains and 40 mph winds occurred in the area.						
Edmond, Oklahoma County	25	3:55p							Funnel Cloud
Guymon, Texas County	25	evening			0	0	?	0	Wind
			High winds uprooted a tree and damaged a few building and an apartment complex.						
Cleveland County	26	3:55p			0	0	?	0	Windstorm
			Winds, estimated at 60 mph, damaged a boat at Stanley Draper Lake. Pee size hail was also reported.						
Near Shawnee, Pottawatomie Co.	26	evening			0	0	4	0	Windstorm
			Winds damaged a barn 3 miles west of U.S. 177.						
Altus, Jackson Co.	27	morning			0	0	?	?	Flooding
			Heavy rain began in the area around 3:00 am with street flooding occurring as rainfall totals reached about 3 inches.						
Hollis, Harmon Co.	27	11:30a			2	0	?	?	Flooding
			Two elderly men were drowned when their car was stalled in flood waters about 1/2 mile south of Hollis on Sandy Creek. The creek, which is normally dry, crested at 10 to 12 feet. Persons in the area reported that water had been flowing over the bridge for some time before the two men tried to cross it. Other flooding was reported in the Hollis area as a result of a 4-5 inch rain.						
Kremlin, Garfield Co.	31	12:30p			0	0	?	?	Flooding
			Unofficial reports of 4 to 8 inches of rain in the area during a short period.						
Kingfisher and Logan Counties	31	afternoon	10	440	0	0	5	0	Tornado, Hail
			At about 3:00pm, radar indicated a possible tornado about 10 miles north northeast of Kingfisher. At 3:08 pm, the funnel was sighted about 7 miles east northeast of Kingfisher. At 3:20 pm, it was observed on the ground east of Kingfisher near the Cimarron River. At 3:36 pm, the tornado was observed northwest of Edmond. At 3:45 pm, radar indicated the tornado circulation about 6 miles west northwest of Edmond. Witnesses reported that the tornado was very large and was moving up and down during its lifespan. Near the Logan/Kingfisher County line, along the Cimarron River, the tornado heavily damaged the Twin Lakes community. Ten mobile homes and houses were damaged or destroyed. In addition, windows were sucked out of a farm house 12 miles east of Kingfisher. At 4:15 pm, radar indicated two possible tornado circulations. One was about 10 miles southwest of Guthrie and the other 6 miles north of Edmond. At 4:25 pm, a spotter observed circulation in the cloud base 8 miles south southwest of Guthrie. However, no funnels or damage were reported with these echoes. At 4:42 pm, golfball size hail was reported north of Edmond.						
Canadian and Grady Counties	31	evening			0	0	?	?	Hail
			One inch hail was reported at Mustang at 6:45 pm and at Tuttle at 6:56 pm.						
Carter County	31	7:55p	?	?	0	0	4	0	Tornado
			Tornado was reported 2 miles east of Springer. One mobile home was destroyed.						
Pontotoc County	31	8:50p			0	0	4	0	Windstorm
			Destructive winds destroyed one mobile home, overturned two others, and damaged numerous other buildings. The winds lasted for about 5 minutes. The area hit was northeast of Ada.						
OREGON									
Heppner, Morrow Co.	16	Evening			0	0	UNK	UNK	Hail, rain
Roseburg, Douglas Co.	16	Evening			0	0	UNK	UNK	Lightning
Maupin, Wasco Co.	16	Evening			0	0	UNK	UNK	Wind
Medford, Jackson Co.	16	Evening			0	0	UNK	UNK	Wind, thunderstorm
Sandy, Clackamas Co.	21	Evening			0	0	4	UNK	Wind, thunderstorm, hail
Portland, Multnomah Co.	21	Evening			0	0	UNK	UNK	Lightning

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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		
OREGON (continued)											PUERTO RICO										
Eugene Lane Co.	21	Evening			0	0	UNK	UNK		Heavy rain, wind	Islandwide	29-31				7	?	8	7		High Winds and Heavy Rains with Passage of Hurricane David
Salem Marion Co.	21	Evening			0	0	UNK	UNK		Heavy rain	Hurricane David entered the Caribbean on a west-northwest trajectory passing between Dominica and Martinique, Windward Islands about noon on the 29th and continued moving along this track passing about 100 miles south of Ponce, Puerto Rico early on the afternoon of the 30th. By morning of the 31st the storm veered north and entered the southern coast of the Dominican Republic near the capital city of Santo Domingo.										
PACIFIC											NO REPORT RECEIVED										
PENNSYLVANIA EASTERN											NO REPORT RECEIVED										
PENNSYLVANIA WESTERN																					
Crawford County	1	night			0	0	4	0		Strong Winds	The effects of Hurricane David's passage south of Puerto Rico were primarily from flooding along the coastal plains from torrential rains in the upper watersheds, coastal flooding, wave action and wind damage primarily to agriculture.										
Large maple trees blown down by strong winds from a thunderstorm caused extensive damage to a private residence. Small branches were found embedded in the siding. Nearby a garage door was blown off. In other parts of the county funnel clouds were spotted.											In general, rainfall over the island began during the early morning hours of the 30th and continued into the early afternoon of the 31st. The entire island was put under Hurricane and Flood Warnings on the evening of the 29th. Significant flooding began on the evening of the 30th and early morning hours of the 31st. At the height of the flooding there were over 40,000 people in shelters across the island. The following were the most serious flood areas: Rio Manati (Manati & Barceloneta), Rio Cibuco (Vega Baja), Rio La Plata (Toa Baja and Dorado), Rio Grande de Loiza (Carolina and Canovanas), Rio Pajarero (Pajarero), Rio Santiago and Rio Blanco (Naguabo), Rio Humacao (Humacao), Rio Portugues and Rio Bucaná (Ponce), Rio Guayanilla (Guayanilla), Rio Yauco (Yauco), Rio Guanajibo (San German, Hormigueros and Mayaguez) and Mendoza Creek (Cabo Rojo). Rainfall amounts for the period of 30 August to 31 September (measured at 8:00 AM AST) reached a maximum of 19.75 inches at Cidra in the Plata River basin with another maximum area in the south western portion of 19.19 inches at Naguayes Island. The highest 24-hour total amount measured at Cidra at 8:00 AM AST on the 31st was 15.05 inches. Amounts of 12 to 14 inches were generally common along the southern slopes of the central cordilleras.										
McKean County	7	11:15 PM			0	0	4	0		Lightning	Although sustained hurricane force winds did not reach the island there were unofficial reports of gusts of 100 mph at San Sebastian and Humacao, and 79 mph in Guaynabo. The official station at San Juan International Airport recorded 50 mph gust and Ponce Mercedita Airport had 53 mph gust. Sustained winds generally measured between 40 to 60 mph islandwide.										
A fire resulted from lightning striking a garage. The garage was destroyed along with a car, truck, and tractor which were parked inside. Lightning also struck 2 homes, causing minor damage.											Damages to island roads, highways and bridges were extensive, with numerous landslides on the interior roads generally leaving a good part of the exterior lane completely lost. Wave action and coastal flooding along the southern portions from Naguabo to Cabo Rojo destroyed many sections of coastal road. The Transportation and Public Works Department estimates damages to state and municipal roads and highways at \$7.0 millions. Eight highways and 22 roads remained closed immediately after the storm passage.										
Western Pennsylvania	8	afternoon			0	0	4	?		Heavy Rain and Strong Winds	Damages to housing, household goods and general family possessions were particularly high in those areas where both legal and illegal construction had encroached into the flood plain. Outstanding among these areas were Toa Baja's Barrio Ingenio and Villa Galia, Fabela Sector of Toa Alta, much of Arroyo which was hit from the sea in one side and flash flooding from the other, Barrio Ingenio of Carolina, Dorado's lower sections adjacent to La Plata River, Barrio Almirante in Vega Baja, Huerto Nuevo and Barrio Obrero in San Juan, Barrio Mayaguez in Lajas, Punta Santiago in Humacao and portions of Barceloneta, Canovanas, Guayanilla, Guanica, San German, Jayuya, Juana Diaz, Manati, Ponce, Cabo Rojo and Mayaguez. The Secretary of Housing for the Commonwealth of Puerto Rico has estimated that about 1,000 families will need new dwellings in addition to those requiring extensive repair of which the total cost was estimated at 10 million dollars.										
A severe thunderstorm moved thru the southwest corner of the state with 65 mph winds. The speed was registered in Washington (Washington County) before the instrument broke. Golf ball size hail was reported in Houston (Washington County). There were also heavy thunderstorms scattered across the remainder of Western Pennsylvania. They caused mudslides, landslides, wide-spread power outages, flash flooding, and the uprooting of large trees. One tree nearly smashed a large house in Mather (Greene County).											Agricultural damage was extensive particularly to the coffee crop from the high winds which came at a time when the beans were ripe for harvesting. The estimated losses in coffee alone are at 27 million dollars centered in the area of Lajas, Las Marias, Maricao, Yauco, Jayuya, Orocuiva, Utuado, Adjuntas, San Sebastian, Moca and Ciales. One of the next high loss categories was to the plain crop at 17 million dollars. Total agricultural losses are set at 53 million dollars by the Secretary of Agriculture for the Commonwealth. Other agricultural damages included in this estimate are the island's banana and vegetable crops and the truck farming cooperative in Santa Isabel. Sugar cane suffered some crop damage with the Mill at Central Guanico heavily damaged from winds and flooding.										
Western Pennsylvania	10	afternoon			0	0	5	?		Strong Winds	The total death toll is set at seven. Two considered directly related to the flooding, occurred when a father and his son tried to wade across the swollen Cibuco River near Vega Baja and were swept away by the current. Two electrocutions occurred in Toa Baja from a power cable falling in a puddle of water with another electrocution in Moca. One man was killed in San Sebastian when his car was crushed by a falling tree and one man died while directing traffic around a landslide when he was struck by several rocks.										
Severe thunderstorms moved across Western Pennsylvania with strong winds causing a lot of damage. Roofs were blown off houses, parts of houses were blown away, large trees were uprooted, and power lines and poles came down. In Sharon (Mercer County) a steel door and an entire side of a building were blown down.																					
Westmoreland County	19	afternoon			0	0	5	4		Heavy Rain											
Up to 6 inches of rain fell in 3 hours causing flooding in the communities of Baggaley, Whitney, and Hostetter. As many as 150 homes were flooded. Scottsdale received 2.8 inches in 45 minutes.																					
Huntingdon County	24	night			0	0	4	4		Lightning and Heavy Rain											
In the town of Huntingdon a severe thunderstorm caused heavy to severe damage to fields, roads, driveways, and yards with lightning and heavy rain. There was also a report of a flash flood.																					
Southwest and West Central Pennsylvania	26 & 27	night and morning			0	0	4	?		Heavy Rain and Strong Winds											
Fast moving thunderstorms swept across southwest and central Pennsylvania causing flash floods, uprooting trees, a major mudslide on the Pennsylvania Turnpike, numerous power outages, and minor damage to many homes. The worst structural damage was in Elizabeth Township (Allegheny County) where a roof was torn off a house and a garage was completely destroyed.																					

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					KILLED	INJURED	PROPERTY	CROPS			
RHODE ISLAND											
Statewide	3	afternoon			0	2	4	0	Heavy rain		
									In 24 hours 6.71" of rain fell at Providence. Many basements were flooded and a hi-speed train was derailed because of washed out and gravel covered tracks. Two railroad employees were injured.		
Coventry Cumberland Jamestown Lincoln Smithfield Woonsocket	10	5-6 PM			0	0	5	0	High wind, Lightning		
									A very localized strong wind destroyed large trees and part of a house in Lincoln, and a similar storm uprooted trees in Smithfield. In Coventry two bedrooms were destroyed by lightning and fire. Several vehicles were destroyed by falling trees. In Jamestown several small buildings were set on fire by lightning. Extensive power outages resulted. Four houses were damaged by lightning in Newport.		
SOUTH CAROLINA											
Richland/Lexington Counties, St. Andrews Area	21	8:40 P.M.	2 1/2	1	0	0	4	0	Severe Thunderstorm		
									A severe thunderstorm caused extensive damage to utilities, moderate damage to several homes. Heavy tree damage also reported.		
									Considerable minor damage was reported from scattered thunderstorms during the month including numerous thunderstorms on the 1st, 2nd, 11th, 21st, 22nd.		
Orangeburg County Cameron,	21	5:00 P.M.	-	-	1	0	0	0	Lightning		
									Man was talking on phone when lightning struck him.		
SOUTH DAKOTA											
Roberts County	4	1230 AM CDT	25	?			5		Tornado		
									A tornado touched down shortly after midnight near Wilmot, SD and cut a path to near Big Stone City causing considerable property damage.		
Lawrence County	7	545 PM MDT	?	?			6		High Winds Possible Tornado		
									Damaging winds swept through the northern Black Hills with an apparent tornado touching down in Spearfish, South Dakota		
TENNESSEE											
Near Union City, Obion County	10	7:30 p.							Funnel cloud		
									A funnel cloud was reported by storm spotters 10 miles south of Union City. No damage was caused.		
Paris, Henry County	10	9:45 p.					4		Lightning		
									Lightning was apparently responsible for starting three fires as a thunderstorm moved across Paris. Lightning ignited a television set at 10:45 p.m.; a tree and power line were reported burning about 5 minutes later; and about 11 p.m., a frame house caught fire when it was struck by lightning. All damage in the three cases was described as minor. Wind with the thunderstorm also collapsed an outdoor stage of Summerfest, '79.		
3 miles north of Springfield, Robertson County	19	5:00 p.					3		Lightning		
									Lightning struck a barn setting it on fire. The barn was filled with hay at the time.		
Greenville, Greene County	21	4:30 p.					5		Windstorm, Lightning		
									A thunderstorm was responsible for winds and lightning which did property damage in Greenville on Tuesday afternoon. Lightning was blamed for starting a fire in the electrical system in a furniture refinishing plant. Winds with the storm downed trees, blew out some windows in several businesses, and downed several power and phone lines. A wall of the Mercer Building Supply was blown down by the winds.		
Oak Ridge, Anderson County	22	5:20 p.					4		Windstorm, hail, lightning		
									A late afternoon thunderstorm produced some straight-line winds which caused minor property damage across sections of Oak Ridge. Damage was primarily confined to downed trees; however, falling tree limbs downed power lines and damaged property. Hail described as golf ball size fell, but much of the hail was smaller. Lightning struck several transformers. In one case, lightning came inside a home destroying a television set.		
TENNESSEE (continued)											
South of Kingston, Roane County	25	Unknown					4		Lightning		
									Lightning struck a house just south of Kingston igniting a fire in the ceiling. No one was home at the time.		
Memphis, Shelby County	28	10:14 a.					7		Windstorm		
									Winds accompanying a line of thunderstorms which moved through the Memphis area gusted to 53 miles an hour.		
Oak Ridge, Anderson County	28	2:00 p.					1	1	Lightning		
									Lightning came inside a building on the telephone line injuring a man who was talking on the telephone at the time. The man was knocked unconscious and treated at the hospital for burns inside his ear and mouth.		
Mt. Pleasant, Maury County	30	?					3		Lightning		
									Lightning caused two fires within minutes of each other during a thunderstorm. The fires were at two separate residences, and lightning came into the houses on electrical or television wires.		
Paris, Henry County	30	1:00 p.					4		Flash Flooding		
									In shortly over one hour, a thunderstorm dumped 2.51 inches of rain on Paris according to a NWS observer there. Creeks and drainage systems overflowed, flooding low-lying streets, homes, and businesses. As many as six families were forced to evacuate their homes. The flood damage was the greatest on Wilson, Jenkins, and West Wood streets, and the lower end of North Poplar.		
Chattanooga, Hamilton County	30	3:00 p.					4		Windstorm		
									A thunderstorm with winds up to 75 miles an hour hit the Chattanooga area damaging two light planes and a hangar at Lovell Field.		
TEXAS											
NORTHERN Tarrant County	1	4:00 p- 5:00 p					0	0	4	0	Windstorm, Rain, and Lightning
											Heavy thunderstorms resulted in wind damage in the Hurst-Euless areas. A 1/4 by 3/4 mile area in Hurst received the brunt of the damage, with extensive sign, tree, and awning damage being reported. Storm spotters estimated the winds to be about 60 MPH. The storm was accompanied by very heavy rains and marble size hail. Lightning strikes caused minor damage to several homes in northern Tarrant County.
San Saba, San Saba County	1	Evening					0	0	?	?	Flash Flood
											Thunderstorm rains of 3 to 5 inches caused flooding in San Saba. The extent of damage was not known.
18 NW Abilene, Jones County	2	11:50 a					0	0	0	0	Tornado
											The brief tornado lifted without causing any damage.
Tarrant County	3	1:15 a- 7:00 a					1	0	6	?	Flash Flooding and Lightning
											A series of thunderstorms produced general 3 to 6 inch rain totals over the southern 1/2 of Tarrant County. Rains up to 8 inches fell in the Village Creek watershed near Burleson. As a consequence, severe flash flooding developed on Village Creek after 2 a.m. and continued through 8 a.m. Benny McCloud, Jr., 23, of Rendon was killed as he tried to cross Village Creek at Rendon Road. McCloud's automobile was swept into the creek as were several other vehicles whose drivers tried to ford the flooded road. Mobile home and business damage occurred along Village Creek in the Everman area. Several bridges were washed out in the same area. The electrical display that accompanied the thunderstorms was extremely vivid, with at least 4 lightning-set fires reported in Arlington.
Johnson County	3	1:15 a- 7:00 a					0	0	?	?	Flash Flood and Funnel Cloud
											Heavy rains of up to 8 inches in the Burleson area sent Little Bogger Creek out of its banks. Several bridges were washed out and water damage occurred in at least 30 homes in Burleson. A number of residents were forced to evacuate their homes. A brief funnel cloud was spotted near Cleburne at 2:40 a.m. CST.
Lancaster, Dallas County	3	4:15 a					0	0	5	0	Lightning
											Lightning from an intense electrical storm caused a fire which burned an addition to the St. Francis of Assisi Church in Lancaster. Damage to the building was placed at \$200,000.
Mineral Wells, Palo Pinto County	10	1:45 p					0	0	?	?	Windstorm
											Strong thunderstorm winds resulted in minor wind damage to buildings and signs in the Mineral Wells area.

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					KILLED	INURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN									
Tarrant County	10	3:00 p-3:45 p			0	0	4	0	Wind, Rain, and Lightning
Heavy thunderstorms resulted in urban flooding in the Benbrook and Hurst areas. A number of cars were stalled out by high water. In Hurst, Amateur Radio Storm Spotters reported wind gusts to 65 MPH. A number of signs, power lines, and trees were downed by the gusty winds. Marble size hail accompanied the thunderstorms. One Fort Worth home was heavily damaged by a lightning-set fire.									
Northern Dallas County	10	4:00 p-5:00 p			0	2	6	0	Wind and Rain-storm
Thunderstorms moved east from Tarrant County into northern Dallas County. Widespread light to moderate wind damage occurred from 50 to 60 MPH winds. A concrete wall overturned in northwest Dallas, slightly injuring 2 persons in a parked car. Elsewhere, the weight of heavy rainwater collapsed a portion of a shopping center roof in Garland. Over \$300,000 damage resulted to the structures and contents of two adjoining stores.									
McLennan County	17	6:00 p			0	0	?	?	Windstorm
Thunderstorm winds damaged a TV tower and a number of power lines and transformers in the Waco area.									
Sagerton, Haskell County	19	3:30 p			0	0	4	4	Wind, Hailstorm, and Flash Flooding
Thunderstorm winds destroyed an unoccupied blacksmith's shop and blew two mobile homes off of their blocks in Sagerton. One of the mobile homes was destroyed by fire when a butane line broke and exploded. Hail of unspecified size stripped several cotton fields in the Sagerton area. Over 6 inches of rain caused flooding across the highway between Sagerton and Ruple.									
Vernon, Wilbarger County	20	7:35 p			0	0	?	?	Windstorm
A severe thunderstorm, accompanied by estimated 65 MPH winds, damaged trees and power lines several miles west of Seymour.									
Stamford area, Northern Jones and Southern Haskell Counties	20	7:35 p			0	0	?	?	Windstorm
Radio Station KDWT in Stamford measured thunderstorm wind gusts to 63 MPH. The extent of damage was not known.									
Wichita County	20	8:10 p			0	0	?	?	Windstorm
Thunderstorm winds of up to 70 MPH were reported by storm spotters 2 miles west of Barkburnett. Damage was apparently negligible.									
Stephens and Eastland Counties	21	3:50 p-4:30 p	9	50	0	0	3	4	Severe thunderstorm and tornado
A severe thunderstorm moved southeast across southern Stephens County. Over 2 inches of rain fell in some areas with minor flooding a common problem. Hail and thunderstorm winds stripped pecans from trees in extreme southern Stephens County. At 3:50 pm, a small tornado damaged the roof of one home in Gunsight which is in extreme southern Stephens County. The tornado moved into Eastland County and destroyed a concrete building 8 miles northeast of Eastland.									
Eastland County	21	3:50 p-5:15 p			0	0	4	4	Hail, Wind, and Rainstorm
The thunderstorm that affected Stephens County moved southeastward into northern Eastland County. The slow-moving storm caused flash flooding north of Eastland, with several roads being closed. Fifty MPH winds and hail buffeted the areas from northern Eastland to the Stephens County line. Golf ball size hail fell several miles northwest of Eastland at 4:15 p.m. and in Olden at 5:05 p.m.									
Roxton, Lamar County	21	4:36 p			0	0	0	0	Hailstorm
Three-quarter inch hail was reported by Amateur Radio Storm Spotters.									
Bowie, Montague County	21	6:40 p			0	0	0	0	Hailstorm
A few golf ball hailstones fell with little or no damage resulting. Most of the hailstones were pea to marble size.									
Northern Wilbarger County	21	7:45 p			0	0	4	?	Hail and Wind-storm
Marble to golf ball size hail and 55 MPH winds occurred over much of northern Wilbarger County. Winds caused extensive damage to one house in Tolbert, 7 miles west-northwest of Vernon. The storm moved from northwest to southeast.									
Coleman area, Coleman County	21	8:10 p			0	0	?	?	Windstorm
Strong thunderstorm winds caused outbuilding damage and uprooted trees just northeast of Coleman.									
5 SE Eastland, Eastland County	21	9:30 p	Short/Narrow		0	0	0	0	Tornado
Police Officers confirmed the short-lived and small tornado, which occurred in open country southeast of Eastland.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN									
Cooke and Grayson Counties	22	12:00 a-			0	0	?	?	Windstorm
Power lines and trees were downed by thunderstorm winds in the Gainesville area of Cooke County and Denison area of Grayson County.									
Collin and Hopkins Counties	22	1:00 a-2:00 a			0	0	?	?	Windstorms
Widespread light wind damage occurred in the McKinney area of Collin County and in the Sulphur Springs area of Hopkins County.									
2E Terrell, Dallas County	22	2:25 a			0	0	4	0	Windstorm
A travel-trailer truck was overturned by strong thunderstorm winds on I-29 2 miles east of Terrell. Elsewhere, boat docks received about \$1,000 damage in the Lake Hawakani area.									
Cleburne, Johnson County	22	4:45 p			0	0	0	0	Hailstorm
One inch diameter hail fell for a brief period in Cleburne.									
Southern Dallas and northern Ellis Counties	22	5:05 p-6:22 p			0	0	5	?	Hail, Windstorm, Funnel Cloud, and Lightning
Heavy thunderstorms dropped 1/2 to 1-1/2 inch hail in southern Dallas and northern Ellis Counties. Hail covered the ground north of Waxahachie and in town. Gusty winds damaged signs, trees, and outbuildings. One funnel cloud was sighted near Waxahachie. Lightning set several fires in and around Waxahachie.									
Waco, McLennan County	22	Evening			0	4	5	?	Windstorm and Flash Flooding
Strong thunderstorm winds buffeted the Waco area, resulting in damage to power lines, signs, and trees. Four persons were injured by flying glass in a North Waco restaurant. Flash flooding caused minor house flooding along Waco Creek.									
Temple, Bell County	22	Evening			0	0	?	?	Windstorm
Seventy MPH thunderstorm winds damaged several airplanes at Temple's Draughton-Miller Airport. A number of trees were uprooted in the same area.									
Bosque County	22	Evening			0	0	?	?	Windstorm
Thunderstorm winds downed trees and power lines across scattered points in Bosque County. Structural damage was apparently light.									
Eolian, Stephens County	22	11:38 p			0	0	0	0	Funnel Cloud
Brownwood, Brown County	23	1:30 a			0	0	?	?	Hail and Wind-storm
Thunderstorm winds and marble hail stripped trees in the Brownwood area. Windows were blown out in town and extensive roof damage occurred at the Higginbotham Lumber Yard.									
TEXAS									
SOUTHERN									
Jefferson Co.	1	1:30 pm							Funnel cloud
Several funnel clouds remained aloft near thundershowers over south Jefferson County.									
Val Verde Co.	1	2:00 pm			0	0	?	?	Heavy rain, Flash Flood
Thunderstorms dropped 2-1/2 inches of rain over northern 2/3 of the county and some locations probably received about 5 inches of rain. Many low water-crossings were washed over as sudden rises came down arroyos and canyons into the Peeps, Devil's, and Dry Devil's Rivers.									
Bexar Co.	1	8:15 pm			0	0	?	?	Wind & Hail
Atascosa Co.	1	8:15 pm			0	0	?	?	Wind & Hail
Medina Co.	1	8:50 pm			0	0	?	?	Wind & Hail
A severe thunderstorm developed over the Bexar-Atascosa-Medina county line area. High wind gusts and scattered large hail stones fell mostly over rural areas between the communities of Somerset, Lytle, and Devine. Damage was believed minimal.									
Maverick Co.	2	4:00 pm			0	0	4	0	Wind
A thunderstorm moved northeast but of Mexico and crossed the Rio Grande at Eagle Pass. High wind gusts were observed causing scattered light damages over the city.									
San Patricio Co.	3	10:05 am							Funnel cloud
Texas Highway Patrol reported that the funnel stayed aloft as it moved directly overhead of downtown Portland.									
Texas City, Galveston Co.	7	8:00 am			0	0	5	0	Lightning
A storage tank containing 8 million gallons of gasoline was ignited by a lightning bolt. Fire was extinguished before all contents were lost.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
TEXAS (continued)										
SOUTHERN										
Galveston Co.	8	2:45 pm								Funnel cloud
		A heavy thunderstorm produced a funnel cloud just north of La Marque. It moved northwest and withdrew into the parent cloud without touching ground.								
Calhoun Co.	8	6:30 pm								Funnel cloud
		A single funnel cloud formed over bay waters just offshore from Port Oconor.								
Galveston Co.	10	11:40 am								Funnel cloud
		Storm spotters watched the funnel move overhead of the Moses Lake area of Texas City. It never touched ground.								
Brazoria Co.	10	1:10 pm								Funnel cloud
		A large thunderstorm near Alvin generated the funnel which remained aloft until dissipating.								
Harris Co.	10	3:30 pm								Funnel cloud
		A short-lived funnel cloud accompanied a heavy thunderstorm as it moved northward near Lake Houston. It apparently never touched ground.								
Galveston Co.	11	9:30 am	?	?	0	0	0	0	0	Waterspout
Galveston Co.	11	11:15 am	?	?	0	0	0	0	0	Waterspout, Funnel clouds
		A family of several waterspouts formed in the Gulf just offshore from the Galveston beach front. Several funnel clouds which seemed not to touch surface accompanied the spouts. Developing showers moved to the east and carried the twisters away from shore. Later in the morning a second group of funnel clouds formed offshore from the west end of Galveston Island near Bermuda Beach. These too drifted eastward and caused no damage.								
Texas City, Galveston Co.	11	1:55 pm	Short	Narrow	0	0	0	0	0	Tornado
		A small funnel cloud skirting along the southwestern shore of Galveston Bay briefly touched land in Texas City. Police reported that the funnel picked up debris near the levees and floodgates just inland from the shore. The twister hit no structures and quickly lifted.								
Galveston Co.	12	7:00 am	?	?	0	0	0	0	0	Waterspout
		The waterspout formed just offshore from Galveston near developing showers. It caused no damage.								
Galveston Co.	13	10:00 am								Funnel clouds
		Several funnel clouds formed under morning coastal showers around League City.								
Nueces Co.	15	8:15 am								Funnel cloud
		The funnel formed near Cabiness Airfield for a short while but did not touch ground.								
Galveston Co.	15	12:15 pm								Funnel clouds
		Several funnels remained aloft in the vicinity of showers from Dickinson to League City.								
Matagorda Co.	19	7:30 am	?	?	0	0	0	0	0	Waterspouts & Funnel clouds
		Several waterspouts and funnel clouds formed in Matagorda Bay near rapidly developing showers. None came ashore or caused damage.								
Jefferson Co.	19	11:00 am								Funnel cloud
		Developing thundershowers formed a funnel cloud over the port of Beaumont. It did not touch ground.								
Jefferson Co.	20	10:30 am								Funnel clouds
		Beaumont police tracked funnel clouds over north and west parts of the city. All funnels remained aloft and lasted only 5 to 10 minutes.								
Victoria Co.	20	12:30 pm								Funnel cloud
		The funnel remained aloft as it passed south of Loop 175 and US 61 near Crescent Valley.								
Jefferson Co.	21	9:30 am								Funnel cloud
		This funnel was observed over Port Neches for several minutes.								
Jefferson Co.	22	7:45 am								Funnel clouds
		Several funnel clouds were produced about the same time from High Island to Sabine Pass as coastal showers began developing.								
Galveston Co.	22	9:45 am	?	?	0	0	0	0	0	Waterspout
		The waterspout formed in the Gulf offshore from central Galveston Island. It caused no interference to marine or beach interests.								
TEXAS (continued)										
SOUTHERN										
Llano Co.	22	4:00 pm	10	*10	0	0	5	5		Hail
Gillespie Co.	22	5:00 pm	20	*10	0	0	5	5		Hail
		Hail stones up to 1-3/4 inches in diameter fell over southeast Llano County and over east and central Gillespie County including the city of Fredericksburg as a severe thunderstorm along a cold front moved south-southeastward. Hail damaged windows, roofs, and automobiles along the storm path. Pecan and pear trees were reported damaged.								
Jim Wells Co.	22	5:40			0	0	?	?		Hail
		Thunderstorms dropped 1/2 inch diameter hail over much of northern Jim Wells County southern Live Oak County, and western Nueces County, but a few areas just north of Alice had stones up to 1-3/4 inch diameter. Damage extent was not known.								
Williamson Co.	22	9:45 pm			0	0	?	?		Wind
Travis Co.	22	10:35 pm			0	0	?	?		Wind
		Strong wind gusts in excess of 40 mph accompanied a thunderstorm through western Williamson County and southward over Lake Travis and western Travis County. Scattered wind damage were reported throughout the area.								
Nueces Co.	23	10:10 am								Funnel cloud
		A funnel cloud, observed near the community of Clarkwood, developed near morning showers and apparently never did touch ground.								
Calhoun Co.	24	8:30 am	?	?	0	0	0	0	0	Waterspout
		The waterspout was seen in Cavallo Pass just off the northeast end of Matagorda Island.								
Brazoria Co.	27	6:30 am								Funnel cloud
		A helicopter pilot saw the funnel 4 miles northwest of Lake Jackson. It produced no evidence of having touched ground.								
Jefferson Co.	27	10:00 am								Funnel clouds
		Between 10 and 10:20 am numerous funnel clouds were produced under building showers along the coast from High Island to Sabine Pass. Apparently none ever touched ground.								
TEXAS										
WESTERN										
Anthony, El Paso County	16	4:35p			0	0	0	0	0	Funnel
		A short-lived small funnel was sighted by Department of Public Safety personnel just north of Anthony moving to the east.								
Muleshoe, Bailey County	16	6:37p			0	0	0	0	0	Funnel
		A small funnel was sighted by Civil Defense personnel just southwest of Muleshoe. The funnel pulled back into the clouds before passing over the town.								
Midland, Midland County	17	4:14p	small	narrow	0	0	0	0	0	Tornado
		A small tornado was spotted by the public 5 miles east of Midland. The tornado was short-lived and occurred in open country. No damage was indicated.								
Sands, Dawson County	20	0:30a			0	0	4	5		Hailstorm
		A thunderstorm that developed just southwest of Sands produced marble to occasionally quarter-sized hail from Sands to Pinkin Center. The width of the path was 3 miles and the hail covered the ground. Over 7,000 acres of cotton were destroyed and another 10,000 acres were seriously damaged. In addition, windows in both homes and cars were broken.								
Wellman, Terry County	20	3:15p			0	0	3	6		Hailstorm
		Very strong thunderstorms developed in southwestern Terry County and began moving toward the east-southeast. The storms dropped hail as large as three-quarters of an inch in diameter in an area from Wellman to the southeastern corner of the county. Little personal property damage was caused, but 20,000 acres of cotton suffered severe damage.								
Littlefield, Lamb County	20	3:49p			0	0	4	6		Hailstorm
		Thunderstorms developing in southwestern Lamb County produced hail as large as three-quarters of an inch in diameter in south and southeast Lamb County. Damage was reported to windows and cars in the area. Over 10,000 acres of cotton were destroyed or heavily damaged as well.								

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					KILLED	INURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
Stanton, Martin County	20	4:00p	?	?	0	0	5	6	Tornado, Flooding, Wind, Hailstorm
									Pea- to hen-egg sized hail fell on the north and west sides of Stanton damaging over 15,000 acres of cotton and causing extensive damage to personal property. Vegetation in the area was stripped bare by the hail that was accompanied by high winds and heavy rain. Roofs and windows of houses were damaged and paint was chipped from the homes' exteriors. An unconfirmed report was received from the public of a tornado just to the north of Stanton. Metal buildings in the area were later found to have been twisted and damaged by the storm. Minor local flooding occurred in the City of Stanton and Highway 137 was closed due to high water just north of the town. Highway 176 was also blocked just west of Tarzan due to flooding.
Seagraves, Gaines County	20	4:14p			0	0	5	5	Hailstorm
									A damaging hailstorm developed just southeast of Denver City and moved to just east of Seagraves. The damaged area was 3 miles either side of a line from 5 miles southeast of Denver City to 2 miles east of Seagraves with the greatest destruction just east of Seagraves. Cotton crops were destroyed, windows of homes were broken, and car windshields were cracked. Thirty (30) to 35 mph winds accompanied the storm.
Pettit, Hockley County	20	4:30p			0	0	4	5	Hailstorm
									Hail as large as golf balls fell in an area between Pettit and Pop in northwestern Hockley County. The hail damaged 30,000 acres of cotton. No personal property damage was reported.
Springlake, Lamb County	20	5:00p			0	0	0	0	Funnel
									A short-lived funnel was sighted by the public near Springlake.
Swenson, Stonewall County	20	5:40p			0	0	3	5	Hailstorm
									A large thunderstorm developed in western Stonewall County and moved eastward. The storm produced hail along a 1 mile either side of a line from 7 miles north of Swenson eastward to the Brazos River. The hail and accompanying heavy rains destroyed peanuts, cotton, and milo valued at over \$100,000. Much of the topsoil in the area was eroded. More than 5 inches of rain were reported in some areas, but flooding was confined to fields and pastures.
Lamesa, Dawson County	20	6:30p			0	0	3	5	Hailstorm
									Hail fell over the north central portion of the county as thunderstorms developed ahead of a rapidly moving cold front. The storms moved toward the southeast producing hail in the north central portion of the county and 2 to 3 inch rains in the southeast portion. Over 25,000 acres of both were damaged or destroyed. Little property damage occurred.
Hale Center, Hale County	21	5:05p	?	?	0	0	0	0	Tornado
									The public reported a tornado 5 miles west of Hale Center in open country. No confirmation could be made and no damage was noted.
Reese AFB, Lubbock County	21	5:09p			0	0	0	0	Funnel
									A funnel cloud was reported just northeast of Reese AFB by a pilot flying just north of the air base. The funnel dipped below the clouds once as it moved over the base and disappeared back into the clouds as it passed over the southeast side of the base.
Canadian, Hemphill County	21	5:35p	1	20	0	0	0	0	Tornado
									A small tornado touched down briefly near the Texas-Oklahoma border just east of Gem. The tornado was spotted by the Canadian Police Department moving southward in open country. No damage was caused.
Shallowater, Lubbock County	21	5:45p	?	?	0	0	0	0	Tornado
									An amateur radio operator located near Shallowater reported that debris was being lifted up into the base of a wall cloud that he had been watching for almost one hour. Seventeen (17) minutes later, a storm chase team from Texas Tech University reported a small, pencil-shaped funnel lowering from the wall cloud, now located just west of Shallowater. A second storm chase team, watching from near Plainview, reported rapidly building tops in the storm with an apparent collapse of the top at approximately the time the funnel was spotted. Pea- to marble-sized hail and moderate rain were reported with the storm but caused no damage.
Fort Stockton, Pecos County	21	7:30p			0	0	4	0	Funnels, Windstorm
									A severe thunderstorm produced winds estimated at 50 to 70 mph in the town of Fort Stockton. The winds damaged roofs of houses in the area but caused no other problems. Two (2) small funnel clouds were sighted by the public 3 miles north of Fort Stockton. They were short-lived. Moderate rain also accompanied the storm.
Big Spring, Howard County	22	7:15a			0	0	0	0	Funnel
									A funnel cloud was reported by the Big Spring Civil Defense 10 miles north of Big Spring. The funnel was moving southeastward at 15 mph. No other information was available.
TEXAS (continued)									
WESTERN									
Miami, Roberts County	22	3:20p			0	0	4	4	Wind, Hailstorm
									Heavy thunderstorms produced one-half inch to three-quarter inch hail, heavy rains, and high winds in the southeastern portion of Roberts County. The hail covered the ground and was reported to be as much as 4 inches deep just south of Miami. Winds were estimated at 45 mph. The wind and hail tore limbs from trees, damaged roofs and cars, and caused light damage to wheat and milo crops in the area.
Midland, Midland County	23	1:30p			0	0	4	0	Hailstorm
									Hail ranging from pea- to quarter-size fell over the eastern three-fourths of Midland County. The hail was accompanied by winds estimated to be 50 mph or greater. Only minor property damage to windows and automobiles was reported.
West Texas -- as indicated below --	24	2:00p - 10:30p			0	0	6	8	Wind, Hailstorm
									The following hailstorm account describes one of the most extensive and devastating storms in West Texas in the past 100 years. The evening in which this storm took place is now referred to as "Black Friday" during which a long-lasting, multicellular thunderstorm produced high winds and damaging hail in a path over 200 miles long and from 20 to 40 miles wide. Within this path lies a second area whose length is nearly 100 miles and whose width varies from 5 miles to 15 miles in which wind and hail completely destroyed all crops. Surprising is the fact that the most extensive damage was done by hail of marble size or smaller. This was possible only because of the high winds accompanying the hail and the long duration of the storm over the area. In spite of unusually abundant moisture and excellent growing conditions this year, the inner area was described as "looking like fields in the dead of winter".
									Cumulative figures for this phenomenal storm include over 700,000 acres of cotton, corn, milo, soybeans, sugarbeets, and sunflowers damaged; of which 150,000 acres were completely destroyed. Total damages caused by the storm are estimated at \$200,000,000. Worst of all, what was probably the most promising cotton crop in many years in West Texas was significantly reduced; and in some areas, virtually eliminated.
									The following summarizes the county-by-county activity for August 24.
									Deaf Smith County - A very strong thunderstorm developed just northeast of Adrian (Oldham County) at about 2 pm and moved south-southeastward to just east of Hereford by 3:30 pm. The first hail began to fall at this time. The destruction was confined to an area south and east of a line from Dan by Summerfield. Small hail was reported with minimal damage in the area. The storm continued moving south-southeastward at 20 mph, clearing Deaf Smith County by 4:30 pm. Total crop damage is not known at this time.
									Castro County - Just before 4 pm the main body of the storm entered Castro County. It moved to a position just northeast of Dimmitt by 4:30 pm and began to develop additional cells on both the east and west side of the original, forming a large multicellular complex along an east-west line from western Castro County to near Tulla in Swisher County. At this time the storm system began moving southward with a speed of 25 mph. Small hail, mostly of one-half inch diameter, accompanied by 40 mph winds and heavy rains (over 2 inches in some areas) were reported over most of the county. Property damage was generally confined to roofs and windows in the area. Almost 85,000 acres of cotton, sugarbeets, soybeans, and corn were damaged or destroyed in the storm that lasted almost 45 minutes. The area hardest hit was the north-eastern portion of the county where flooding combined with the hail to erode topsoil as well as level crops. Hail was piled as deep as three inches in much of this area with a glaze of ice covering Highway 385 some 5 miles north of Dimmitt. The following damages were assessed: 25,000 acres of cotton, 40,000 acres of corn, 5,000 acres of milo, 6,000 acres of sugarbeets, 6,000 acres of soybeans, and 2,400 acres of sunflowers.
									Panzer County - As the storm moved southward through Castro County, it dropped half-inch diameter hail along the eastern edge of Panzer County. Strong winds were reported along with 2 inch rains that fell in a 45-minute period. Personal property damage was confined to roof damage. The only reported crop damage was 5,000 acres of cotton, soybeans, and corn. The corn had just matured and was about to be harvested.

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					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
TEXAS (continued)											
WESTERN											
Lamb County											Continuing to move southward, the multicellular system entered Lamb County approximately 5 pm. Shortly afterward, large hail was indicated in Olden along with heavy rain and 80 mph winds. Most hailstones were golfball-sized, but some softball-sized hail was reported. A few of the stones were propelled by the winds at such high speeds that they penetrated storm windows, interior windows and screens, and dented floors on the interior of the homes. Others opened holes in roofs of homes. Rains in Olden overflowed most gauges that had not already been broken by the hail, and the total rainfall is estimated at 5 inches. High waters closed both Highway 70 east of the City and Highway 168 north of the City forcing the evacuation of nearly 100 migrant workers. Some homes in the northeast part of the City had as much as 18 inches of water standing in them. The frame of a local co-op gin was twisted, the front wall of an apartment complex collapsed, and a fire was started at a local night club due to broken electrical lines. Rising water in the northeastern part of the county also caused a trailer rig parked in an overnight camping spot to overturn. Personal property damage in the county consisted mainly of broken windows, damaged roofs, and damaged automobiles. Electrical power was lost over the county area for a short time, and this hampered the cleanup of debris from city streets. In all, nearly 70,000 acres of cotton, 10,000 acres of soybeans, 8,000 acres of corn, 5,000 acres of milo, and 1,000 acres of sunflowers were damaged.
Hale County											As the storm moved through Lamb County, hail was indicated in the extreme northwestern portion of Hale County. However, no significant property or crop damage has been reported.
Hockley County											From south central Lamb County, the storm continued on its southerly track into northwestern Hockley County, entering the county at about 6 pm. Damage in northern Hockley County extended from Highway 385 on the west to Highway 168 on the east with the area tapering to a 5 mile wide strip south of Jewelland. Spotty hail was reported over the remainder of the county. Most of the hail was marble-sized, with considerable golfball to tennis ball-sized hail. In addition, the hail was generally soft and this prevented more extensive property damage. Over 185,000 acres of cotton and 30,000 acres of grain sorghum were destroyed completely and over one half of the planted acreage in the county was damaged to some degree. The hail lasted for a period of 30 to 40 minutes and was especially devastating because of the estimated 90 mph winds that drove the hail. In the central portion of the county hail was reported to cover the ground "like a blanket of snow".
Cochran County											The only damage that occurred in Cochran County was in the Whiteface area in east central Cochran County. Marble-sized hail broke windows and damaged vegetation. Some 3,000 acres of cotton were also damaged in the area.
Terry County											By 7 pm, the storm system had entered Terry County and was still moving toward the south at 30 mph. Two distinct cells had developed within the storm system. The first, located near Popesville in southeastern Hockley County, swept southward through eastern Terry County and dissipated shortly after entering northeastern Gaines County. This storm produced only spotty small hail. The second storm developed just northwest of Sundown in western Hockley County and moved southward across extreme western Terry County. The hail associated with this storm varied in diameter from one-half inch to three-quarters of an inch in diameter and was accompanied by heavy rain. Near-total destruction of crops occurred in a path from Sundown to near Seagraves in Gaines County with the average path width being 2 miles. Spotty small hail was indicated over most of western Terry County. In addition to erosion of the topsoil by heavy rains, over 93,000 acres of cotton and milo were damaged.
Yoakum County											Damage in Yoakum County was generally confined to the southeastern third of the county, although small hail was reported in patches to the west and south of Denver City. The greatest damage occurred between Tokio in Terry County and Seagraves in Gaines County, just inside the Yoakum County line. This was from the cell that built near Sundown. Just over 30,000 acres of cotton and 5,000 acres of grain sorghum were damaged by marble-sized hail and high winds. Approximately 10,000 of those acres were completely destroyed.
Gaines County											Moving southward out of Yoakum and Terry Counties, the storm system entered Gaines County just before 8 pm. Pea-to marble-sized hail, propelled by 30 to 40 mph winds, began to fall over northern Gaines County with the greatest damage just north and east of Seagraves. At this time the system turned toward the southeast and began moving in the direction of Midland at 25 mph. It retained this movement for the remainder of its existence. This caused the storm to bypass the southwestern third of Gaines County, but with damage still indicated south and east of Seminole. No significant property damage was reported. In all, 30,000 acres of cotton were damaged.
TEXAS (continued)											
WESTERN											
Andrews County											Shortly after 8:30 pm, the storm system moved into eastern Andrews and western Martin Counties. A second area of thunderstorms also moved into western Andrews County from southeastern New Mexico, but no damage was reported from these storms. Worst hit in Andrews County was the northeastern quarter of the county where the greatest concentration of cotton crops are located. Spotty half-inch diameter hail, high winds and heavy rains damaged crops and eroded topsoil in the area. Some property damage to roofs was also reported in the northeastern part of the county and along the eastern edge of the county. The east and southeast portions of Andrews County are range land and little damage is believed to have occurred in this area. Crop damage estimates were not available.
Martin County											The portion of Martin County south and west of a line from the northwestern corner through Tenorah to just north of Stanton reported widespread marble-sized hail and strong winds. The heaviest damage occurred along and four miles either side of a line from Terzan to Stanton. Windows in homes and windshields in cars were broken and damage was reported to roofs, car bodies, and vegetation. In all, 10,000 acres of cotton were totally destroyed and another 10,000 acres of cotton suffered 50 percent damage or greater.
Howard County											The storm system produced small hail in only the extreme southwestern edge of Howard County and no significant property or crop damage was indicated.
Midland County											By 9:30 pm, the thunderstorms had moved into northern Midland and northwestern Glasscock Counties. The most southerly extent of damage appears to be a point some 5 miles north of the City of Midland where Amateur Radio Spotters reported heavy rain and pea-sized hail driven by strong winds. Only minor property damage was indicated as no crops are located in that area.
Glasscock County											The storm system began to dissipate in northern Midland and northwestern Glasscock Counties at approximately 10 pm. Damage in Glasscock County was confined to only the extreme northwestern corner. Again, half-inch diameter hail, accompanied by high winds and heavy rains destroyed some 500 acres of cotton and damaged another 2,000 acres. No property damages were indicated.
Amarillo, Potter County	24	5:45p			0	0	0	5			Windstorm
											Strong winds from a nearby thunderstorm caused property damage in the northeastern portion of Amarillo. The National Weather Service Office at Amarillo recorded a gust to 54 mph as an aircraft entrance ramp was blown into a support pillar at the Amarillo Air Terminal. Both the ramp and the pillar sustained major damage.
Stratford, Sherman County	25	10:12p	?	?	0	0	0	0			Tornado
											An unconfirmed report by the public of a tornado was relayed by the Department of Public Safety. No damage was noted.
Amarillo, Potter County	26	2:45a			0	0	0	0			Hailstorm
											Hail generally marble-sized or smaller, but with some the size of golfballs, was indicated by the Police Department. No reports of damages were received.
Amarillo, Potter County	26	4:20a			0	0	0	0			Funnel
											A funnel cloud was observed, as it passed over western and southern portions of Amarillo, by the public moving toward the southeast at 25 mph. The storm was also tracked by radar and was indicated 12 miles west of Amarillo at 4:20 am and 10 miles southeast of Amarillo at 5 am. The funnel was small.
Bronco, Yoakum County	26	7:30p			0	0	3	5			Hailstorm
											A very strong thunderstorm produced marble-sized hail that destroyed over 25,000 acres of cotton near Bronco on the western edge of Yoakum County. High winds accompanying the hail increased the damage. High line poles were also knocked down by the storm just northwest of Bronco.
UTAH											
Box Elder and Weber Counties	17	9:00 P.M.	50	-	0	0	6	5			Flash Floods
	18	4:00 A.M.									
											During the late evening and early morning hours a number of strong thunderstorms moved from the central portion of Great Salt Lake northeastward across Weber and Box Elder Counties. Locally heavy rainfall in the Willard, North Ogden and Little Pocatello Valley of extreme northern Utah, estimated at one and one-half to two and one-half inches, fell between midnight and 3:00 A.M. Local flash floods eroded many grain fields in these areas. Damage to crops was estimated at \$130,000. Pineview Canal near Taylor Street in North Ogden was overfilled with debris and mud from surrounding slopes. The canal broke in the early morning hours of Saturday, August 18, and many homes in the area were flooded. Damage to the flood area was estimated at \$300,000. Earlier damage to the slopes surrounding Pineview Canal by off-road vehicles was suggested as the cause for the mud slides into Pineview.

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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	
VERMONT			NONE REPORTED						
VIRGINIA									
Northern	2	Afternoon			0	0	5	0	Lightning
			Lightning destroyed a \$100,000 transformer in Centreville, Fairfax County, during a violent thunderstorm. Some 4,000 homes in western Prince William County were without electricity for as much as 16 hours. Winds gusted to 46 mph in some sections but there was little, if any, damage.						
Southeastern	3	Afternoon			0	1	4	0	Rain, Lightning
			Around 4 inches of rain fell on some sections in a 2-to-3-hour period. Gloucester and Mathews Counties had street flooding, with one home in Gloucester Point damaged when water caused a basement wall to cave in. A lineman in Gloucester was injured slightly when lightning struck the telephone pole on which he was working. Local flooding and power outages also affected Ocean View. Total damage estimated at \$7,000.						
Tidewater	8	Night			0	0	2	0	Wind
			A line of thunderstorms moved through the area shortly after 8PM with winds gusting to near 70 mph. Three persons were rescued by Coast Guard when their 28-foot sailboat capsized on the Elizabeth River. The loss of 12 major electrical circuits left many homes in Norfolk without power. No serious damage to buildings was reported, despite the high winds.						
West Central	11	Afternoon & evening			0	0	4	3	Wind, Lightning
			Winds associated with an approaching cold front caused widespread tree damage, power outages and some property damage. In Danville a warehouse roof and the roofs of two homes were partially blown off. Parked cars were damaged by fallen trees in sections of Roanoke and damage to corn fields was reported in Botetourt County. In Lynchburg power was out in some areas for several hours and damage was done to a TV set of one home and the wiring of one restaurant by lightning. Estimated damage: \$19,000 property; \$3,000 crop.						
Hampton (nr)	12	Mid-day			0	0	0	0	Waterspouts
			Two waterspouts were sighted near Buckroe Beach. They were associated with heavy shower activity that preceded a cold front.						
Virginia Beach (nr)	16	Morning			0	0	0	0	Waterspouts
			At least four waterspouts were observed by several people in the vicinity. These developed in cold unstable air passing over warm water of Chesapeake Bay.						
Fauquier County	23-24				0	0	5	3	Rain
			Extensive flash flooding occurred over a small area between Paris, Delaplane and Markham. High water closed roads, washed out a bridge of one county road and tore down numerous private bridges. The official weather observer recorded 7 inches of rain, occurring from late night of the 23rd to morning of the 24th. Damage was estimated at \$100,000.						
Carroll County	27	Afternoon			0	0	4	0	Lightning
			Lightning killed eight head of cattle valued at \$4,500 on a farm near Hillsville. Two ponies on a nearby property were also killed. Power disruption reported in Laurel Fork District and sections to the south of Hillsville. Total damage estimate at around \$6,000.						
Henrico County	27	Nr 7:00 p			0	0	3	0	Wind
			Thunderstorm winds tore a storage building apart in the northeast outskirts of Richmond. Other damage was inflicted upon nearby buildings and property, but it was minor. Estimated damage around \$700.						
North Central	28-29				2	0	6	5	Rain, Flash Flood
			Rain totaled between 8 and 10 inches, occurring mainly between 6PM and 10PM on the 28th. Water rose very rapidly in what was termed by some the worst cloudburst in nearly 40 years. Severe flooding was concentrated over southern Rappahannock, southeastern Culpeper and northern Madison Counties. In one tragic incident, a man and his wife left their automobile at a bridge near Sperryville and were last seen wading in ankle-deep water toward their home only 300 yards away. Their bodies were found between one quarter and one half mile downstream. In the devastation some 10 bridges were washed out and 20 miles of state roads were made impassable, with at least 30 Sperryville area residents forced to evacuate their homes. Total damage was estimated at over \$1,100,000. Of this property damage was assessed at \$870,000; crop damage at \$270,000.						
VIRGIN ISLANDS									Waterspout-Tornado, High Winds, Heavy Rains-Hurricane David
St. Thomas, St. Croix and St. John	29-31				0	?	?	?	C
			Hurricane David entered the Caribbean on a west-northwest track between the islands of Dominica and Martinique, Windward Islands, at midday on the 29th. David passed about 100 miles south of St. Croix and about 130 miles south of St. Thomas and St. John near midday on the 30th. Maximum wind gusts in St. Thomas reached 46 mph and at St. Croix which was closer to the storm winds gusted to 54 mph based on observations made by FAA at both airports. The same pattern was observed with rainfall amounts: St. Thomas-St. John ranged from about 3-4 inches while in St. Croix amounts of from 10 to 13 inches were observed.						
			Damages in the St. Thomas-St. John areas were generally light with some minor flooding of roads and also minor urban drainage flooding in the Charlotte Amalie area. Wind damages were the cause of most losses with the most significant event being the entry of a waterspout into the eastern end of St. Thomas over the Smith Bay-Hidden Valley sections and the almost total destruction of one house around midday of the 31st. The winds also brought down many power and telephone lines along with a number of trees.						
			In St. Croix the damage toll was greater due to more serious flooding from the heavier rains and considerable wind damage from the stronger winds compared to the more northern islands of St. Thomas-St. John. One unofficial anemometer registered gusts to 60 mph on the eastern end of the island. Numerous utility poles and telephone lines went down along with a number of trees. Flooding occurred in the Mor Bijou, Glynn and sections of the southwest end. A number of families were evacuated from these areas and several homes were flooded with minor damages and loss of some household effects. The south side of the island suffered heavy beach erosion from wave action. Heavy primary and secondary road damage occurred across the entire island.						
WASHINGTON			NONE REPORTED						
WEST VIRGINIA			NO REPORT RECEIVED						
WISCONSIN									
Manitowoc County	4	1000 A	-	-	0	0	?	?	Tornado
			A tornado touched down briefly several miles west of Manitowoc destroying several buildings on a farm.						
Southwest Portion of State	5	Morning					?		High Wind
			High wind with gusts to 60 mph were reported during the morning hours across portions of extreme southwest Wisconsin. Downed trees, power lines and some property damage occurred.						
Racine County	5	1000 A	-	-	2				Heavy Thunderstorms, High Wind and Waves
			Two people drowned in Lake Michigan after their boat capsized. The boat apparently capsized because of large waves caused by high winds and heavy thunderstorms in the area.						
Dane County	5	1015 A	-	-	0	0	?	?	Hail
			One inch hail at Sun Prairie.						
Jefferson County	5	1015 A	-	-	0	0	?	?	Hail
			One inch hail at Lake Kosh Kungong.						
Vernon and Juneau Counties	9	Late Afternoon	10	?	0	0	5	?	Tornado
			A tornado touched down near Hillsboro in eastern Vernon County and traveled east to just south of Worewoc in Juneau County. Damage ranged from barns and homes being leveled to an airplane being destroyed. No injuries or deaths were reported from the storm.						
Marquette	9	Late Afternoon	-	-	0	0	?	?	High Wind Tornado
			Brief tornado touchdown near Westfield.						
Marquette	9	Late Afternoon	?	?	0	0	?	?	Tornado
			Brief touchdown near Briggsville.						
Fond du Lac County	9	Late Afternoon	?	?	0	0	5	0	Tornado
			Home in Gladstone Beach was destroyed by a brief tornado touchdown.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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	
WISCONSIN (continued)									
Sauk and Columbia Counties	9	Late Afternoon & Evening	-	-	0	1	?	?	Intense Thunderstorms
			Intense thunderstorms containing heavy rain, high wind, hail and possible tornadoes damaged crops, trees and personal property. The community of Wisconsin Dells appeared to be the hardest hit with extensive property damage along with electrical and telephone service disruption. A Wisconsin Rapids man was injured when high wind blew an empty semitrailer over onto his parked car.						
Sauk County	9	4:30 P	?	?	0	0	?	?	Tornado
			Reported 20 miles west of Wisconsin Dells.						
Fond du Lac County	9	5:20 P							High Wind Hail
			Winds of over 50 mph along with large hail reported just west of Ripon.						
Calumet County	9	6:20 P	?	?	1	0	4	?	Tornado
			Tornado touched down on the east shore of Lake Winnebago destroying a house and killing a lady inside.						
Sheboygan County	9	6:30 P to 8:15 P							Heavy Rains High Winds Flooding
			Heavy rains and high winds uprooted trees, damaged buildings and knocked electrical power out throughout most of the city of Sheboygan. 3 to 4 inch rain reports were common throughout the county following the storm. Water was knee deep in portions of downtown Sheboygan.						
Fond du Lac County	9	6:56 P	?	?	0	0	?	?	Tornado
			A tornado destroyed a garage and caused extensive damage to the adjacent house along the east shore of Lake Winnebago just north of Prebles.						
Dodge County	9	7:05 P	?	?	0	0	?	?	Tornado
			Brief touchdown just east of Waupun.						
Dodge County	9	7:15 P	?	?	0	0	?	?	Tornado
			Another brief touchdown just east of Waupun.						
Dodge County	9	7:20 P	?	?	0	0	?	?	Tornado
			Sighting just north of Beaver Dam.						
Dodge County	9	7:50 P	?	?	0	0	?	?	Tornado
			Sighting just east of Clyman.						
Dodge County	9	7:52 P	?	?	0	0	?	?	Tornado
			Brief touchdown one mile east of Hustisford.						
Milwaukee County	9	8:00 P					4		High Wind
			High winds and a possible tornado damaged a number of homes in the city of Brookfield.						
Jefferson County	9	9:09 P	?	?	0	0	4	0	Tornado
			Brief touchdown 2 1/2 miles southeast of Watertown. A garage was flattened and a chimney blown down.						
Juneau County	29	8:00 P	?	?	0	1	5	0	Tornado
			Tornado touched down briefly and hit a residence just east of Camp Douglas. The home was completely destroyed but little other damage occurred in the area.						
Vernon County	29	Night							Heavy Rains Flooding
			Thunderstorms containing heavy rains moved through the county flooding basements and highways and washing out a bridge. Chasbury appeared to be hit the hardest due to the flooding of Cook Creek. From 1 to 3 inches of rain fell over the area during the night.						
Marquette County	31	6:00 P							Heavy Thunderstorms
			Heavy thunderstorms struck the Marquette-Menominee areas Friday night causing considerable property damage with flooded basements, electrical outages and toppled trees. From 2 to 4 inches of rain fell during the thunderstorms.						
Door County	31	Night							Heavy Rain
			Thunderstorms containing very heavy rain drenched portions of Door County. From 3 to 5 inches of rain was recorded within a four-hour period flooding highways and causing some electrical outages.						
WYOMING									
Sheridan County	8/1	Late Afternoon	15	4,000	0	0	5	C	Hail
			A late afternoon hail storm hit the Sheridan area causing damage to school buildings, homes and vehicles. Size of hail was not reported.						
Hiobara County	8/1	9:00 p.	2	250	0	0	4	0	Tornado
			A tornado struck an area 8 miles SE of Manville causing damage to livestock sheds and other farm buildings.						
Carbon County	8/14	Afternoon	1	200	0	0	0	0	Tornado
			The Carbon County Sheriff's Department reported sighting touchdown ten miles SW of Interstate 80 between Creston Junction and Mansutter. No damage was reported.						
Carbon County	8/14	Afternoon	-	-	0	0	0	0	3 Tornadoes
			The public reported three separate tornadoes between Rawlins and Mansutter. All tornadoes touched down in open country and there was no damage.						
Big Horn County	8/20	3:00 p.	15	2,000	0	0	5	C	Flash Flood
			Heavy rain in the Big Horn Mountain area caused Beaver Creek to flood damaging sheds, fences, farm equipment, and ruining hay and corn fields, as well as crops in storage.						
Laramie County	8/28	Afternoon	-	-	0	0	0	0	2 Tornadoes
			Two tornadoes were reported south of Burns, moving SE. No damage was reported.						
CONNECTICUT									
Darien	6	Aftn.			0	0	4	0	Lightning, hail, wind, flood
Rowayton									
			Several houses were struck and sustained minor damage. Hail, the size of golf balls fell on Contentment Island. Blackouts occurred and underpasses flooded stalling many automobiles. Several cars were driven headlong into water 6' deep!						
New Milford	8				0	0	5	0	Lightning
Warren									
			A bedroom was burned out in one house and a barn studio home was completely destroyed in Warren.						
Statewide	10	Late aftn.			0	6	7	5	Lightning, high wind
			High winds blew off a large roof section of a church in Hartford. Several lightning strikes caused moderate damage to houses in Lyme and New London. In New Britain, a large roof section was ripped from a factory. In Hartford another factory lost its roof due to high winds. In Middletown most walls of an elderly housing complex under construction were knocked down. Five people were injured by flying glass at a supermarket in Hartford and in East Killingly a man was injured as a tree crushed his car.						
			Statewide apples, peaches and sweet corn were destroyed. Other damage included a large barn blown down in Suffield, an apartment roof blown off in East Windsor and 100's of trees blown down onto houses and cars.						
Bolton	30	late eve.			0	0	4	0	Lightning
			A house was struck and burned by lightning.						
MASSACHUSETTS									
Central Parts	1	evening			0	0	5	0	Lightning
			In Easthampton 4 houses were struck and sustained moderate damage. In West Springfield a church and an apartment building sustained lightning and fire damage. In Brockton and on Cape Cod several other houses were struck.						
Eastern Parts	7-8	Late PM Early AM			0	0	3	0	Lightning
			In Burlington, a bizarre strike blew up a TV set and casement window, destroyed clapboards and caused several large holes in the house then traveled through piping blowing up the water main in the street causing house and street flooding. In the Wareham area three hits of note occurred resulting in holed houses and small fires in three locations.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1979

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					
MASSACHUSETTS (continued)																							
East Longmeadow	10	4:30PM	0.6	30	0	1	4	0	Tornado														
									Tornado touched down at a country club partially destroying its roof and blowing out wall. It then "roughed up" 6 or 8 houses throwing large trees about. The one injury was due to flying glass.														
New Braintree Paxton	10	4PM	10	30	2	2	6	5	Tornado														
									Touching down first in New Braintree one half of a school roof was destroyed. The twister then traveled across a boy scout camping area destroying buildings, boats and docks. Two young scouts were killed by falling trees at separate locations. Another minor injury resulted at the camp and a sheriff was hurt as a tree struck his moving car.														
Statewide Gardner Marlboro Nantucket	10	4:30PM			0	1	4	0	Lightning, high wind														
									Strong thunderstorm winds overturned several aircraft and an air pollution monitoring trailer in Gardner. In Marlboro a man was injured by lightning. Across the state and especially at Nantucket winds gusted to over 70 MPH as strong gust front winds blew down trees and power lines.														
Eastern and Central Parts Athol Princeton Petersham Quincy Rockland	25	Aftn & Evening			1	0	4	0	Lightning														
									Lightning apparently struck about five buildings in each of about 30 cities. Small fires ignited at most locations. In Petersham a man was killed inside a house while eating with friends.														
Cohasset Framingham Hardwick Littleton Quincy	30	Late Aft			1	3	4	0	Lightning														
									A school and house were hit in Littleton and a large store sustained a blast in Framingham. In Hardwick a barn and house were dealt severe strikes and were 50% destroyed. In Leverett a 32 year old student was electrocuted by lightning as he took shelter under a tree. In Cohasset a man was thrown out of his dining room chair; a next door neighbor burned on her hand, and in Quincy a young girl was thrown to the floor all by lightning strikes.														
Acton Billerica Chelmsford Groton Lowell Northampton Tewksbury	29	Early AM			0	0	4	0	Lightning														
									Lightning hit about five buildings in about 30 Northeast communities causing small fires at most places.														

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	

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	

THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:

LATE REPORTS									
TEXAS									
SOUTHERN									
MAY 1979									
Llano Co.	1	7:30 am	20	*10	0	0	3	3	Hail
Burnet Co.	1	8:20 am	5	*10	0	0	3	3	Hail
A thunderstorm moving northwest to southeast covered the ground with 1/2 to 3/4 inch diameter hail over central Llano and southern Burnet counties. Property and crop damages were believed minor.									
Gillespie Co.	1	7:45 am	27	*10	0	0	4	5	Hail
Blanco Co.	1	8:20 am	30	*10	0	0	4	?	Hail
Kendall Co.	1	8:45 am	18	*3	0	0	4	?	Hail
A severe thunderstorm cell intensified in northern Gillespie Co. and moved southeastward dumping large amounts of 3/4 inch diameter hail over eastern Gillespie Co. From the Crabapple community to Stonewall hail stones covered the ground and stripped leaves off vegetation. Some peach orchards about 15 miles north of Fredericksburg were heavily damaged. The storm continued southeastward straddling the Kendall-Blanco county line and doing scattered property damage. Johnson City experienced 3/4 inch diameter hail. Gardens and orchards in extreme southwest Blanco County sustained damage. Rains of 1-1/2 inch fell in 15 minutes causing some minor flooding.									
Comal Co.	1	9:10 am	26	*10	0	0	5	0	Wind
Comal Co.	1	9:10 am	26	*10	0	0	3	?	Hail
The same severe thunderstorm that hit Kendall and Blanco Counties moved southeastward into Comal Co., crossed Canyon Lake, and continued over New Braunfels. It dropped hail stones up to 3/4 inch diameter and produced damaging wind gusts. Most damage was around New Braunfels where the storm hit at 9:40 am CST. Damage to mobile homes, roofs, and vehicles was reported.									
Travis Co.	1	9:33 am	2	40	0	0	0	0	Tornado
Travis Co.	1	10:30 am							Funnel cloud
A tornado spotted between the towns of Euda and Oak Hill moved across an open field in southern Travis Co. without causing any damage. The funnel, observed on the ground for five minutes, lifted as it moved southeastward. An hour later another funnel formed in eastern Travis Co. about 1.5 miles north of Manor. It did not touch ground, however.									
Guadalupe Co.	1	10:00 am	27	*10	0	0	6	5	Wind
Guadalupe Co.	1	10:00 am	27	*10	0	0	0	4	C Hail
Sequin, Guadalupe Co.	1	11:15 am			0	0	0	5	C Heavy rain & Flash flood
The third very severe thunderstorm in less than two weeks produced widespread damages in the city of Sequin and surrounding parts of Guadalupe County. As the fast moving thunderstorm passed out of Comal County into Guadalupe County, it began producing extreme wind gusts estimated at more than 70 mph and causing extensive damage to homes and businesses. Worst hit was Sequin where the storm passed overhead between 10:30 and 11:00 am CST. A large grain tank blew away, many plate glass windows were shattered, several mobile homes flipped, and subsequent rains ruined building interiors after winds had peeled off roofs. Two large trucks, one in a parking lot and the other being driven on IH 10, were pushed onto their sides by the gusts. Both trucks crushed adjacent vehicles, but no injuries resulted. Fallen trees damaged many other cars. A number of persons were trapped inside homes by fallen power lines at their doors. Although hail was generally small, it was driven by winds and damaged windows, cars, and crops. Downpours were short-lived but so intense that flash flooding occurred in urban areas around Sequin. Rainfall measured 2 1/4 inches during the 30-minute storm. Areas along Walnut Branch flooded worst as normal drainage into the creek could not hold the sudden runoff. Streets and ditches backed up into El Apache subdivision flooding a number of homes. Severe losses occurred to crops from the wind, hail and rain. Losses were equivalent to yields of 2000 acres of wheat, 300 acres of corn, and an unknown percentage of the county's 50,000 acres of sorghum.									
Gonzales Co.	1	11:00 am	21	*5	0	0	?	?	Hail & Wind
Wilson Co.	1	11:05 am	12	*5	0	0	?	?	Hail & Wind
A severe thunderstorm moved southeast from Guadalupe County and continued along the Gonzales-Wilson County line. Hail stones up to 3/4 inch diameter and strong wind gusts produced scattered crop damages. Some property damage was reported around Nixon.									
Bastrop Co.	1	11:50 am			0	0	?	?	Heavy rain & Flash flooding
Fast moving thunderstorms dumped two inches of rain in 30 minutes over the county causing most small streams to spill out of banks for a short while. Damages were not known.									
DeWitt Co.	1	12:10 pm	10	*8	0	0	?	?	Wind
Victoria Co.	1	12:55 pm	30	*12	0	0	?	?	Wind
A severe thunderstorm reintensified south of Cuero and continued southeastward. Scattered property damage was reported due to high wind gusts in both counties. Small hail also accompanied the storm.									

LATE REPORTS									
TEXAS (continued)									
SOUTHERN									
MAY 1979									
Galveston Co.	2	9:30 am	?	?	0	0	0	0	Waterspout
The spout moved northeast along the coast and caused no damage.									
Travis Co.	3	7:30 pm							Funnel cloud
The funnel aloft was observed over Rundberg Lane and Cameron Road.									
Karnes Co.	3	9:30 pm	25	*12	0	0	4	5	Hail
A northeastward moving thunderstorm dropped hail stones up to 1-1/2 inch diameter over southern Karnes County along a path from southwest of Kenedy to Rungb. Vehicles, roofs, and crops were damaged, especially around Kenedy.									
Wilson Co.	3	9:40 pm			0	0	?	?	Wind & Lightning
Thunderstorm winds and frequent lightning strikes damaged electrical and utility equipment throughout the county.									
Duval Co.	3	10:40 pm			0	0	?	?	Hail
Duval Co.	3	11:30 pm			0	0	?	?	Heavy rain & Flash flooding
A line of thunderstorms dumped large hail and heavy rains over the county causing damage to vehicles. Highway 44 and a few Ranch-to-Market Roads around Freer were briefly covered by runoff from the sudden downpours.									
Goliad Co.	4	12:05 am			0	0	?	?	Hail
Thunderstorms briefly dropped large hail over central and western parts of the county. Damage was not known.									
Harris Co.	4	1:00 am							Funnel cloud
Northeast moving thunderstorms produced a funnel which remained aloft as it passed over northwest Houston near Farm Road 1960 and Jones Road.									
Bastrop Co.	4	1:30 am							Funnel cloud
A strong thunderstorm generated the funnel cloud one mile west of Smithville. It moved northeast and never touched ground.									
Hidalgo Co.	4	3:30 am			0	0	?	?	Hail & Wind
High winds and 1-3/4 inch diameter hail hit areas around Mercedes. Damage extent was not known.									
Edwards Co.	10	10:15 pm	15	*5	0	0	?	?	Hail
Real Co.	10	10:40 pm	20	*8	0	0	?	?	Hail
Kerr Co.	10	10:55 pm	32	*10	0	0	?	?	Hail
A large hail producing thunderstorm moved east over the divide country from northeast Edwards Co. across north Real Co. into western Kerr Co. Hail stones were reported up to 1-1/2 inch diameter. Property and crop damages were likely minimal in this sparsely populated area.									
Lee Co.	11	8:00 am			3	0	?	?	Heavy rain & Flash flooding
Morning rains of up to 5 inches covered much of the county sending small creeks on sudden rises. Three persons (aged in 60's) were drowned at 10:30 am CST when their pickup truck was washed off Farm Road 448 at Rabbs Creek about 3 miles south of Giddings. Although the trio had driven this route 40 years, they attempted to cross the flooded bridge of this date. When water depth reached the truck's headlights, it began to float off the bridge and quickly sank in the deeper creek waters. No significant property damages were reported in the county other than to roadways.									
Victoria Co.	11	10:40 am			0	0	?	?	Wind
Victoria Co.	11	11:30 am			0	0	?	?	Heavy rain & Flash flooding
Winds of greater than 50 mph accompanied thunderstorms moving northeastward over the county. Scattered property damage was reported. Rainfall of up to 4 1/2 inches fell within an hour's time around Victoria causing extensive flooding of streets and low areas.									
DeWitt Co.	11	11:00 am			0	0	?	?	Heavy rain & Flash flooding
Lavaca Co.	11	11:30 am			0	0	?	?	Heavy rain & Flash flooding
Rains of 4 to 5 inches over the two counties pushed most small creeks out of banks blocking roads, flooding crop lands, and affecting some rural dwellings. The Lavaca River at Hallettsville experienced a sharp rise above flood stage later in the day.									
Harris Co.	11	2:00 pm							Funnel cloud
The funnel never touched ground. Pasadena police tracked it eastward over the city.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	
LATE REPORTS TEXAS (continued)									
SOUTHERN MAY 1979									
Aransas Co.	18	Noon							Funnel clouds
San Patricio Co.	18	Noon							Funnel clouds
									Moderate coastal showers produced quite a number of short-lived funnel clouds from Aransas Pass to Rockport. None touched ground.
Val Verde Co.	20	6:20 pm			0	0	?	?	Hail
Val Verde Co.	20	6:20 pm			0	0	?	?	Wind
Val Verde Co.	20	8:00 pm			4	4	4	0	Heavy rain & Flash flood
									3 to 5 inches of rain falling in a few hours sent the Devil's River on a sudden rise along its length in northern Val Verde Co. flooding Highway 163 and Ranch Road 189 at many places in the canyon bottoms. Shortly after 9 pm cst 4 drownings occurred about 1 mile south of Baker's Crossing when a sudden surge of water came down a normally dry arroyo, washed across the highway, and carried two pick-up trucks into the adjacent river. All four occupants of one truck luckily survived when their truck floated and soon came to rest in a shallow part of the river 1/4 mile downstream. Two men and two teen-aged boys who were waiting out the storm in the other truck, left the truck to give help to the other people when they began floating away. Once on foot, the currents swept the men and boys toward the river. The boys and one man tied themselves to a tree to avoid being carried away, but waters continued to rise over their heads and they drowned. Large hail killed all range and wild vegetation within a mile radius of Baker's Crossing. High wind gusts occurred with the storm, but only at Comstock was property damage reported as winds ripped roofing off buildings. Floodwaters moved down the Devil's River throughout the next day.
Kerr Co.	21	12:25 pm							Funnel cloud
									The very wide column-shaped funnel was observed from the VA Hospital as it passed eastward just to the south of Kerrville State Park. The funnel lasted several minutes before dissipating. There was no evidence that it touched ground.
Austin, Travis Co.	21	4:30 pm			0	3	5	0	Lightning
									Frequent lightning strikes set fire to about 7 houses and a church in the city. Three firemen were on a ladder attempting to put out the church blaze when they were injured by a second bolt of lightning which struck the church in the same place.
Williamson Co.	21	5:30 pm			0	0	?	?	Heavy rain & Flash flooding
									Intense rains closed Highway 81 at Georgetown and sent swift waters down residential streets and into low areas. Most creeks in the county went out of banks and some farm lands in the eastern part of the county were flooded.
Austin, Travis Co.	21	6:00 pm			0	0	5	?	Heavy rain & Flash flooding
Bastrop Co.	21	6:30 pm			0	0	?	?	Heavy rain & Flash flooding
									From 2 to 6 inches of rain fell over most of Travis County. Almost 5 inches of rain fell within 4 hours on the city of Austin causing flash flooding of streets and streams. Scores of automobiles were damaged and several dozen east side homes were threatened by flood waters. At least 5 homes had major damage in the Bovalle area as Boggy Creek overflowed. Other homes were flooded past of the airport. In Bastrop Co. the same rain storm caused flash flooding of numerous streams feeding into the Colorado River. Several farm roads were washed over, but extent of damages were not known.
Austin Co.	21	10:00 pm			0	0	4	?	Wind
Austin Co.	22	12:30 am			0	0	5	4	Heavy rain & Flash flooding
Waller Co.	21	10:30 pm			0	0	4	?	Wind
Waller Co.	22	1:00 am			0	0	5	4	Heavy rain & Flash flooding
Colorado Co.	21	11:15 pm			0	0	3	0	Lightning
Colorado Co.	22	1:30 pm			0	0	5	0	Heavy rain & Flash flooding
									Scattered wind damage to farm buildings and dwellings over Austin and Waller Counties was reported as a line of severe thunderstorms moved through. In northern Colorado County frequent lightning strikes damaged many electrical insulators and other devices. Heavy rains with the storm produced flash flooding on most creeks. In northern Colorado County water swept over State Highway 71 and Farm Road 109. Several persons in the town of Hillcrest had to be rescued from deep waters, after Rocky Creek flooded their homes. Other roads were damaged by swollen creeks in Austin and Waller Counties including Farm Roads 1456 and 109. In the city of Bellville streets and low residential areas flooded. Flooding of farm lands continued throughout the day as rainwaters drained down creeks.
Harris Co.	22	3:18 am	1/2	40	0	0	5	0	Tornado
									A grain elevator on Fairbanks-Addicks Road west of Houston was destroyed by a tornado as it dipped to ground level. The twister reached ground level only a short while as it was carried toward the east by its parent thunderstorm.
Fort Bend Co.	22	3:20 am			0	0	?	?	Wind
									A line of thunderstorms began accelerating across northern parts of the county causing scattered wind damage. Storm gusts were estimated at 50 to 60 mph.
LATE REPORTS TEXAS (continued)									
SOUTHERN MAY 1979									
Harris Co.	22	3:30 am			0	0	?	?	Hail
Harris Co.	22	3:30 am			0	5	6	?	Wind
Harris Co.	22	4:00 am							Funnel cloud
Houston, Harris Co.	22	4:00 am	3/4	40	0	0	5	0	Tornado
									Extensive wind damage occurred to roofs, windows, and small buildings over the west and north sides of Houston and Harris Co as severe thunderstorms moved through. Scattered hailstones up to 1 inch diameter also fell in the area. A man and a woman were injured when winds flipped their mobile home on Barker Road. Three persons in a north side hospital received minor cuts when winds blew windows into their rooms. Cars in a nearby parking lot were overturned by the wind gusts. Numerous house fires started due to downed power lines. About 4 am a funnel cloud was spotted just west of Intercontinental Airport moving eastward. Another funnel cloud moved across northeast Houston momentarily dipping to near ground level as it passed a residential area off Wallisville Road east of Loop 610. Witnesses said the roaring vortex passed 15 to 25 feet above ground level but was low enough to tear at house roofs. It moved over a 500-ft transmitting tower on Mesa Road causing it to collapse onto 3 houses and doing considerable damage. The twister crossed Wallisville Road half a mile away removing the roof from a large garage and causing windows to burst outward from 27 service trucks inside. Path of the tornado was near the killer storm of December 1973.
Groves, Jefferson Co.	22	5:30 am	Ehort	Narrow	0	0	4	0	Tornado
									Coastal thunderstorms spawned a very small tornado which barely touched ground for a short while between the cities of Groves and Port Neches. Several small boats were seen tossed around by the twister. A nearby trailer park was not directly hit but a few trailers sustained minor damage from the twister's periphery winds and flying debris.
DeWitt Co.	22	1:30 pm			0	0	?	?	Wind
									High winds during a thunderstorm passage caused minor damages around Cuero and central DeWitt County.
Calhoun Co.	22	3:10 pm							2 Funnel clouds
									A funnel cloud which never touched ground was observed 5 miles north of Port Lavaca. It moved northeast over Lavaca Bay and dissipated. A second funnel was spotted over western Matagorda Bay about the same time.
Galveston Co.	22	4:25 pm			0	0	?	?	Wind
Galveston Co.	22	4:15 pm							Funnel cloud
									Thunderstorm winds gusting over 55 mph caused scattered damage over island and mainland parts of the county. A funnel trailed the line of thunderstorms north of Hitchcock but it never touched ground.
Robertson Co.	22	4:45 pm			0	0	?	?	Heavy rain & Flash flooding
Brazos Co.	22	4:50 pm			0	0	?	?	Heavy rain & Flash flooding
									Isolated low areas throughout both counties as well as most small streams and urban streets experienced flash flooding after intense downpours moved southeast over the area. Extent of property and crop damages was undetermined.
Jasper Co.	22	Afternoon			0	0	4	?	Wind
									High wind gusts hit rural areas of the county around the community of Elin. The roof was ripped off at least one farm home, trees were broken in the surrounding forest. The home sustained extensive water damage as rain entered the torn roof.
Val Verde Co.	27	4:10 pm	15	*10	0	0	4	?	Hail
Val Verde Co.	27	4:10 pm	15	*10	0	0	4	?	Wind
									A severe thunderstorm produced high winds and 1-1/4 inch diameter hail as it moved eastward over Bandale and northern parts of the county. House windows, vehicle windshields, and mobile homes were damaged by the hail and wind around Bandale.
Comal Co.	28	Early			1	0	0	0	Wind
									A young woman who was camping near New Braunfels was killed when moderate thunderstorm gusts toppled a tree onto the tent in which she was sleeping.
Jefferson Co.	28	11:10 am							Funnel cloud
									Developing showers spawned a small funnel cloud over Port Arthur.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	
LATE REPORTS TEXAS (continued)									
SOUTHERN									
Williamson Co.	28	3:45 pm	30	*12	0	0	4	5	Hail
Williamson Co.	28	3:45 pm	30	*12	0	0	4	7	Wind
Williamson Co.	28	4:00 pm			0	0	4	0	Lightning
Williamson Co.	28	5:30 pm			0	0	4	?	Heavy rain & Flash flooding
Travis Co.	28	4:00 pm			0	0	?	?	Hail
Travis Co.	28	4:00 pm			0	0	4	?	Wind
Thunderstorms set off damaging wind gusts across northern Travis Co. and southern Williamson counties. The sudden winds sank one boat and capsized two others on Lake Travis and caused roof damages over the two-county areas. In Williamson Co. lightning damaged a power station near Cedar Park and Jonestown. Hailstones up to 1-1/4 inch diameter fell over both counties. Worst hit was the agricultural area between Georgetown, Round Rock, Taylor, and Granger. Many sunflower and cotton fields were destroyed as hail covered the ground. Four inches of rain in less than two hours swamped urban streets in Georgetown. Flash flooding washed out several roads and culverts around the city and threatened homes in Sejena estates subdivision.									
Houston, Harris Co.	29	10:00 am			0	0	4	0	Wind
Houston, Harris Co.	29	10:00 am			0	0	4	0	Lightning
Thunderstorm wind gusts estimated at more than 50 mph downed numerous utility poles and wires throughout the city. Frequent lightning knocked most broadcast media off the air and some large transmitters sustained damage.									
Jefferson Co.	29	Noon							Funnel cloud
The funnel aloft was observed over Port Arthur. It apparently never touched ground.									
Hardin Co.	30	2:00 am			0	0	4	0	Lightning
An unusual barrage of lightning damaged various utility equipment in the communities of Little Big Horn and Beaumont Colony.									
18E Cleveland, Liberty Co.	30	3:45 pm	1/2	20	0	0	4	0	Tornado
A very small short-lived twister was observed to dip down from thunderstorm clouds and to touch ground only for a few moments near New River Lake. The tornado uprooted and snapped pine trees hurling one tree into a mobile home not far away. The occupant had escaped just seconds before. Observers said the woodland debris filled the twister until it was opaque. Numerous power poles and lines were downed. Heavy rains followed soon after the tornado hit.									
Gillespie Co.	30	4:10 pm	10	*5	0	0	4	4	Hail
Hail stones up to 1-3/4 inch diameter covered streets around Fredericksburg. The storm only lasted 5 minutes but it shredded corn fields and damaged peach and grape orchards. Exposed cars and other vehicles sustained hail damage too.									
Harris Co.	30	4:15 pm			0	0	5	?	Wind
A line of severe thunderstorms moved southward over Harris Co. with the most intense passing over the northeast part of the county between Tomball and Baytown. Wind damage occurred as gusts to 60 mph accompanied the storms. Scattered light damage was reported over north Houston also.									
Kerr Co.	30	5:35 pm	10	*5	0	0	?	?	Hail
Kendall Co.	30	5:45 pm			0	0	?	?	Hail
Tennis ball sized hail pounded Kerr Co. around Camp Verde while golfball sized hail stones fell south of Kerrville to near Centerpoint. Small hail hit other parts of southeast Kerr County and a few large stones fell also on western Kendall County. Total damage was not known but vehicles, windows, and roofs were affected.									
Comal Co.	30	5:40 pm	5	*5	0	0	?	?	Hail
Comal Co.	30	5:40 pm	5	*5	0	0	5	?	Wind
Guadalupe Co.	30	5:55 pm	12	*5	0	0	4	?	Wind
Severe thunderstorm winds caused widespread roof damage along the storm's path over New Braunfels to Seguin. A new roof was removed from an inn in New Braunfels. Several mobile homes were damaged on the Comal-Guadalupe county line and a few were totally destroyed. Lots of roof shingles were removed plus numerous outbuildings were destroyed. Many trees were reported uprooted. Scattered hail stones of 1/2 inch diameter did light damage.									
Galveston Co.	30	6:00 pm	?	?	0	0	0	0	Waterspout
Coast Guard reported the waterspout in Galveston Bay just offshore from San Leon.									
Bandera Co.	30	6:20 pm	15	*5	0	0	?	?	Hail
Uvalde Co.	30	7:05 pm	10	*5	0	0	?	?	Hail
Thunderstorms moved south over western Bandera County and dropped lots of small hail and some stones to 1-3/4 inch diameter. The storm moved into northeast Uvalde County before dissipating. Scattered vehicle and roof damage occurred.									
Wilson Co.	30	7:30 pm							Funnel cloud
Public spotted a funnel aloft near La Vernia. It last 5 minutes then dissipated.									

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	
LATE REPORTS TEXAS (continued)									
SOUTHERN									
Nueces Co.	30	7:40 pm							Funnel cloud
Strong thunderstorms produced a funnel near the town of Banquete. It moved east and apparently never touched ground.									
Matagorda Co.	30	8:45 pm			0	0	?	?	Wind
An east-west oriented line of thunderstorms produced isolated wind gusts of 50 to 60 mph over the county. Scattered damages resulted but extent was not known.									
MARYLAND & D.C.									
JUNE 1979									
Warwick, Cecil County	22	6:00 p			0	0	0	2	Hail
Hail, up to one and one-half inches in diameter, caused minimal damage to crops in the vicinity.									
TEXAS									
SOUTHERN									
Travis Co.	1	4:30 am			0	0	5	0	Lightning
A bolt of lightning hit a hilltop home near Lake Travis in the Lago Vista area. A fire resulted which destroyed the home.									
Gillespie Co.	1	5:00 am			0	0	5	?	Heavy rain & Flash flooding
Blanco Co.	1	6:15 am			0	0	4	?	Heavy rain & Flash flooding
Persisting overnight thunderstorms had dropped 4 to 7 inches of rain over central and western Gillespie County by 5 am. Between 3 and 4 am an intense storm over Blanco County dumped more than 2 inches of rain in less than 30 minutes. Johnson City received about 5 inches. In both counties most tributary streams of the Pedernales River overflowed and washed over roads and highways, especially in southwest Gillespie County. State Highway 16 south of Fredericksburg was washed over at several places. The Pedernales crested late in the day at 17 feet at Stpnewall.									
San Antonio, Bexar Co.	1	10:00 am			0	0	5	0	Heavy rain & Flash flood
More than two inches of rain fell between 7:30 am and 9:30 am over northern Bexar County and parts of San Antonio, and continuing rains put totals near 4 inches by noon. Runoff quickly caused flooding along Olmos, Salado, and Leon Creeks through the northern part of San Antonio. The San Antonio River through Brackenridge Park overflowed slightly due to the overhead rains. Nineteen northside low water crossings were the scenes of many rescues as motorists continually tried to ford deep waters. Elsewhere scores of water-damaged automobiles were abandoned on flooded streets.									
Uvalde Co.	1	10:30 am			0	0	5	4	Heavy rain & Flash flooding
Thunderstorms dropped 4 to 6 inches of rain across central Uvalde County causing sudden rises on the Prio, Dry Fric, Sabinal, and Leon Rivers. Numerous highways were washed over at low water-crossings along the rivers. In the city of Uvalde, more than 5 inches of rain fell in about an hour causing extensive street flooding which backed into at least several homes. Automobiles in the city were flood damaged to some extent as drivers proceeded into deep waters.									
Medina Co.	1	11:00 am			0	0	5	C	Heavy rain & Flash flood
Bandera Co.	1	Noon			0	0	5	C	Heavy rain & Flash flood
Kendall Co.	1	Noon			0	0	5	C	Heavy rain & Flash flood
Kerr Co.	1	Noon			0	0	5	C	Heavy rain & Flash flood
Heavy overnight rains plus a round of thunderstorms during late morning hours pushed small creeks out of banks and over many roads. In Kerr County waters rose especially high over low water-crossings along the south fork of the Guadalupe River and along Verde Creek. In Kendall and Bandera Counties numerous rural roads were overwashed. In northern Medina County the Medina River, Bordo Creek, and smaller creeks went out of banks briefly flooding ranch lands and threatening several rural homes.									
Jackson Co.	1	3:45 pm							Funnel cloud
The funnel apparently remained aloft as it moved northward some two miles west of Edna.									
Val Verde Co.	1	4:15 pm			0	0	4	0	Heavy rain & Flash flood
Rains of 4 to 5 inches across northern Val Verde County and adjacent areas to the north produced flash flooding on Johnson's Draw, the Devil's River, the Dry Devil's River, and tributary arroyos of the Pecos River. Several highways and ranch roads in the canyon bottoms were flooded including Highway 163.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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		
LATE REPORTS TEXAS (continued)										
SOUTHERN										
Houston, Harris Co.	2	7:30 am	JUNE 1979			0	0	5	0	Heavy rain & Flash flood
										Stationary thunderstorms dumped over 3 inches of rain in a very short time and flooded urban areas around the southwest side of Houston. Many cars flooded and stalled as deep waters built up on streets and in underpasses on the southwest side.
Liberty Co.	2	8:30 am			0	0	?	7		Heavy rain & Flash flood
										Renewed heavy rain fell on saturated grounds during a period of already high river and stream levels. As a result, drainage from the downpours was hampered and flooding occurred around West Lake and Dayton Lakes Estates subdivisions.
Brazoria Co.	2	8:00 am			0	0	0	4	C	Heavy rain & Flash flood
Fort Bend Co.	2	8:30 am			0	0	0	4	C	Heavy rain & Flash flood
Waller Co.	2	9:00 am			0	0	0	4	C	Heavy rain & Flash flood
										Rainfall during early morning hours totaled some 5 inches around northwest Brazoria County, eastern Fort Bend County, and southern Waller County. Water levels rose quickly due to the already soaked ground state, and many roads were flooded including Highway 36 and Farm Road 1462.
Jim Wells Co.	2	1:15 pm								Funnel cloud
										The funnel was sighted just south of Alice near moderate showers. It never touched ground.
Bandera Co.	2	9:30 pm			0	0	4	0		Heavy rain & Flash flood
Medina Co.	2	11:30 pm			0	0	4	0		Heavy rain & Flash flood
										Downpours fell on already saturated ground causing very sudden rises in creeks over southern Bandera and northern Medina Counties. Ranch Road 462 and other rural roads were washed over at low water-crossings along Honda and Verde Creeks.
Galveston Bay, Galveston and Chambers Counties	3	8:30 am	?	?	0	0	0	0	0	Waterspouts
										A group of several waterspouts formed in the East Bay arm of Galveston Bay near the Crystal Beach community. The spouts moved northeast and apparently dissipated when they hit marshland shores of Chambers County.
Aransas Co.	3	11:15 am								Funnel cloud
										A small funnel moved aloft near the beach about 5 miles north of Aransas Pass.
Jefferson Co.	4	10:00 am								Funnel cloud
										A pilot observed the funnel aloft hovering above the Intracoastal Waterway at Port Arthur.
Colorado Co.	4	11:15 am								Funnel cloud
Fort Bend Co.	4	11:15 am								Funnel cloud
Colorado Co.	4	12:15 pm								Funnel cloud
										Funnels aloft formed near the towns of Eagle Lake and Katy as thunderstorms were developing. Just after noon another was observed near Rock Island in Colorado County.
Real Co.	4	Noon			0	0	4	0		Heavy rain & Flash flood
Uvalde Co.	4	Noon			0	0	4	0		Heavy rain & Flash flood
										A cluster of thunderstorms developed over Real and northern Uvalde counties during the morning. The brief heavy rains fell on already saturated ground causing rapid runoff which, in turn, flooded highways and roads in the Rio Canyon for several hours.
Val Verde Co.	4	10:00 pm			0	0	5	0		Heavy rain & Flash flood
										Streams were already running high from recent days' rains when evening thunderstorms dumped 2 to 5 inches more rainfall over northern parts of the county. Some spots received 2 to 3 inches of rain in just 45 minutes. Many arroyos and draws quickly flooded as waters rose over roads in the canyon bottoms. Sharp rises again moved down the Devil's and Pecos Rivers washing out parts of Highway 163.
LATE REPORTS TEXAS (continued)										
SOUTHERN										
Edwards Co.	5	1:00 am	JUNE 1979			0	0	4	0	Heavy rain
Kinney Co.	5	1:00 am			0	0	0	4	0	Heavy rain
Real Co.	5	1:30 am			0	0	0	4	0	Heavy rain
Uvalde Co.	5	2:00 am			0	0	0	5	C	Heavy rain
Kerr Co.	5	2:30 am			0	0	0	5	0	Heavy rain
Bandera Co.	5	3:00 am			0	0	0	5	0	Heavy rain
Medina Co.	5	3:30 am			0	0	0	5	C	Heavy rain
										The south central Texas Hill Country area received repeated heavy rains during the first 4 days of June totaling up to 10 inches in some places. Creeks, rivers, and springs were experiencing well above normal flows when a line of heavy thunderstorms moved eastward over the area during the early morning hours of June 5. These storms dropped 3 inches of rain very quickly which, in turn, ran off efficiently and caused wash overs of many rural roads in south Edwards, northern Kinney, northern Uvalde, Real, Kerr, Bandera, and northern Medina counties.
Webb Co.	5	7:30 am			0	0	?	0		Heavy rain & Flash flood
										Flash flooding occurred along tributaries and creeks of the Rio Grande after early morning thunderstorms dumped 4 to 6 inches of rain over the sparsely populated northwest corner of the county. No significant losses were reported.
Spindletop Marsh, Jefferson Co.	5	8:05 am								Funnel clouds
										Building cumulus clouds formed two funnel clouds over coastal marshlands 15 miles west of Sabine Pass.
Nueces Co.	5	9:25 am								Funnel cloud
Kleberg Co.	5	10:35 am								Funnel cloud
										Morning showers generated one funnel aloft over Corpus Christi and another 4 miles south of Kingsville.
Willacy Co.	5	1:30 pm								Funnel clouds
										Two funnels remained aloft for a short while over Port Mansfield.
Washington Co.	6	5:30 am			0	0	5	5		Heavy rain & Flash flood
Colorado Co.	6	6:30 am			0	0	4	4		Heavy rain & Flash flood
										Rains of 4 to 6 inches falling after midnight began pushing most creeks out of banks by 5:30 am. Indian Creek, New Year Creek, and Caney Creek among others overflowed swiftly inundating farm lands and roads. Highways 290 and 36 around Brenham were washed over at numerous places. In northern Colorado County flooding was worse along Cummins Creek where a herd of livestock and farm equipment were reported lost.
Lee Co.	6	3:30 am			0	0	5	5		Heavy rain & Flash flood
Fayette Co.	6	2:30 am			1	0	6	6		Heavy rain & Flash flood
										Overnight rains totaled 5 to 8 inches across the two counties from Giddings to south of Ingleside. Nearly every creek in the area overflowed. In Fayette County flooding was especially extensive on creeks draining into the Navidad. Riverland along Cummins Creek. Widespread flooding of farm lands caused the loss of livestock as well as crops and farming equipment. One drowning occurred when a car carrying two men stalled in high water on Farm Road 155 at Williams Creek. The driver got out of the vehicle while the passenger in the back stayed inside. Within minutes rising water began floating the car over the bridge railing, carrying it some 100 yards downstream where it sank. The passenger was not able to escape. Numerous bridges and culverts were damaged through the two counties and roads damaged included county and farm roads 153, 155, 957, 1954, 1577, 2237, 609, B125.
Fayette Co.	6	3:30 pm			0	0	?	?		Heavy rain & Flash flood
Lee Co.	6	3:30 pm			0	0	?	?		Heavy rain & Flash flood
Burleson Co.	6	4:00 pm			0	0	?	?		Heavy rain & Flash flood
										Renewed thunderstorms dropped several more inches of rain on these counties while flooding was already in progress from other rains earlier in the day. The new rains pushed a ready swollen Cummins Creek on a higher rise through southern Lee and eastern Fayette Co.
Val Verde Co.	10	Noon			0	0	?	?		Heavy rain & Flash flooding
										For the third time in less than two weeks, heavy rains flooded canyon bottoms over Val Verde County. State highways 163 and 189 north of Comstock were flooded due to sharp rises on Johnson's Run, Devil's River, Dry Devil's River, and most arroyos. The sudden rise continued to move southward downstream through the night.
Jefferson Co.	24	11:30 am								Funnel clouds
										Showers spawned a funnel cloud over Nederland and another over Beaumont at about the same time. They moved northeast and never touched ground.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
LATE REPORTS CALIFORNIA									
SOUTHERN									
Borrego Springs area, San Diego County	20	about 3:00 am	JULY 1979		1				Flash Flood
Thunderstorm activity developed over most of San Diego County and extended north and east to include much of southern and central California. The activity began in early morning hours and continued until after sunrise. The death was caused by the person travelling through a dry wash area and his automobile being carried away. He was washed clear of the vehicle.									
Imperial County	19-20	night							Heavy Rains
Highway 190 was closed due to flooding for 6 hours at Zabriskie Point in Death Valley.									
MAINE									
Androscoggin County									
	2	3:30 p			0	0	0	1	Lightning
Power substation at Lewiston struck by lightning at 3:30 pm. Approximately 71500 homes lost power until 8:30 pm. Local orchard reported small hail which caused minor damage to fruit and trees.									
Madawaska	11	4:20 p			0	0	2	0	Lightning
Two buildings damaged by lightning strike. Utility pole splayed on Main Street.									
Aroostook County	20	Evening			0	0	3	0	Lightning
Power Company received considerable damage to its transmission line switches. At 7:25 pm lightning struck a system of three transmission line switches in the Maysville area. One line (69,000 volts) to Ashland, Washburn, Portage, and Masardis was out until 5:30 am Saturday. Several large plants in the area were forced to curtail operations.									
Bucksport	22				0	0	2	0	Lightning
House struck by lightning, igniting fire.									
PENNSYLVANIA									
EASTERN									
Berks and Montgomery Counties	1	5 PM to 6 PM EDT			0	0	4	0	Heavy Rain Electrical
A few thunderstorms over Berks and Montgomery Counties caused damage mostly in the Reading area and the Franconia Township area of Montgomery County. The lightning damaged trees, utility poles and a few buildings. The heavy rain caused roadway flooding with portions of roads washed away, a guard rail washed out and considerable debris washed onto roads. There also were a considerable number of flooded basements.									
Lebanon, Berks, Lehigh and Northampton and Bucks Counties	14	2:30 PM to 4:30 PM EDT			0	0	4	0	Heavy Rain, Wind Electrical
Thunderstorms rumbling across these counties caused a good amount of localized flooding, especially in the Lebanon area. Many roadways and basements were flooded and some stream flooding occurred. The water reached four feet in depth in some locations and a number of automobiles were partly submerged. The wind gusts caused damage to trees, utility lines and buildings and turned over booths at a fair. There were considerable lightning strikes to trees, utility poles, houses and other buildings. The lightning damaged roofs in some cases, allowing rain water to get into the buildings. In Bensalem Township, Bucks County, lightning struck a large building knocking out a roof support. This caused a large portion of the roof to collapse followed by a large portion of a wall collapsing. The wind and lightning resulted in about 10,000 customers having utility service interrupted. It was also reported that 14 horses perished in a lightning-caused barn fire in Milford, Pike County.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
LATE REPORTS PENNSYLVANIA (continued)									
EASTERN									
Northern half and Eastern half		3 PM to 6 PM EDT	JULY 1979						Heavy Rain, Wind, Electrical
Thunderstorms moved southeast across Eastern Pennsylvania resulted in considerable damage. The heavy rains caused widespread roadway flooding and some stream flooding with many basements flooded as well as other portions of buildings. The water was four feet or more deep on some roadways with a number of automobiles flooded. A large amount of debris was washed onto roadways, portions of roadways were washed away or badly buckled, and there were a few mud slides. Rainfall amounts of over 1 inch were common with the heaviest being 6.50 inches at Freehold in Luzerne County. There were many lightning strikes with houses and other buildings damaged and a few minor fires. In Devon, Chester County, lightning knocked down a large limb which destroyed a porch. The lightning that struck a black powder factory in Moosic, Lackawanna County, caused an explosion and considerable damage. Winds downed tree limbs and contributed to the interruption of service to at least 50,000 utility customers. However, near Middleburg in Snyder County, nearly all of the roof was ripped off a house. The wind left a path through some trees and fields before hitting the house and was likely downburst winds or possibly a tornado.									
Philadelphia plus Lehigh and Northampton Counties		1 to 2 PM and 7 to 8 PM			0	0	4	0	Heavy Rain Wind, Electrical
A heavy downpour caused considerable roadway flooding in the Philadelphia area in the early afternoon. In the evening thunderstorms hit Lehigh and Northampton Counties causing considerable roadway and drainage flooding as well as basement flooding. Much debris was washed on roadways, retaining walls gave way and at least one washout along a road reached huge proportions. Lightning strikes caused some damage to buildings and started a few fires. The lightning and wind gusts combined to cause power outages.									
Lancaster and Chester Counties		3 AM to 11 AM EDT			0	0	6	4	Heavy Rain, Flash Flood
An area from north central Lancaster County to east central Lancaster County to west central Chester County was hit by torrential rains on the morning of the 21st. Most of the rain fell within about 5 hours. Some of the amounts recorded were: in Chester County - Newlinville - 8.11 inches, a flash flood observer in Valley Township - 7.56 inches; in Lancaster County - Farmersville - 8.05 inches, Lititz - 7.55 inches, Brownstown - 6.45 inches, New Holland - 5.50 inches. Flooding was widespread throughout the area with many roads closed due to drainage or overflowing streams. Many streams flooded and combined with drainage flooding to flood many homes, businesses, factories and other buildings. The most damage by far was to Lukens Steel Company in Coatesville, Chester County, and to the Chateau Recreational Vehicle Plant in Christiansburg, Lancaster County. Both of these plants sustained considerable damage from floodwaters which reached a depth of 56 inches in the Lukens Steel Offices. The roadway flooding caused washouts on some roads and considerable damage to others. There were mud slides and considerable debris was deposited on roadways and in many other areas.									
Boyetown, Berks County	21	9:30 AM EDT			0	0	4	0	Electrical
Lightning struck a house causing a fire that burned portions of the upper floors.									
Eastern		4 PM to 7 PM EDT			0	0	5	0	Electrical, Wind Heavy Rain
Thunderstorms scattered across Eastern Pennsylvania caused damage in a few locations. Lightning hit numerous homes and other buildings in York, Lancaster, Lycoming, Columbia, Luzerne, Lackawanna, Lehigh and Northampton Counties. In most cases it resulted in minor damage or a minor fire. However, in Upper Macungie Township, Lehigh County a barn was completely destroyed by a lightning fire and in Bethlehem Township, Northampton County, the upper rooms and roof of a house were badly damaged by a lightning fire. The lightning strikes and wind combined to cause power outages to several thousand customers. Wind gusts downed trees and tree limbs in many locations and at Harveys Lake, Luzerne County, a falling tree destroyed a porch and damaged an automobile. The heavy rain caused roadway flooding and near Bloomsburg it flooded and collapsed the wall of a basement.									
Newburg Cumberland County	25	4 PM EDT			0	0	5	0	Electrical
Lightning caused a fire which almost completely destroyed a barn.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	
LATE REPORTS									
PENNSYLVANIA (continued)									
EASTERN									
JULY 1979									
Fort Washington, Montgomery County and Southampton Township, Bucks County	30	Midnight to 4 AM EDT			0	0	6	0	Heavy rain Flash Flood
<p>A torrential downpour caused considerable flooding of roads, parking lots and businesses in the Fort Washington area. In Southampton Township 6.3 inches of rain flooded roadways, basements, houses and other buildings. The flash flood washed away a back yard swimming pool and caused extensive damage in an industrial park. At an auto painting and body work shop 87 automobiles were damaged with 12 of them washed into the building and 7 of them were a total loss as they were washed away into the stream. Portions of roads were washed out or damaged and the flooding left behind debris of all kinds in its wake.</p>									
TEXAS									
SOUTHERN									
Jefferson Co.	4	9:45 am							Funnel clouds
<p>The funnel was observed from the National Weather Service Office at Jefferson County Airport. It moved eastward over the city of Nederland without touching ground. Several other funnel clouds were sighted soon afterwards in south Jefferson County.</p>									
Galveston Co.	7	9:45 am							Funnel cloud
<p>The funnel occurred over Texas City near Moses Lake.</p>									
Matagorda Co.	7	1:25 pm	?	?	0	0	0	0	Waterspout
<p>A pilot reported the waterspout in the Gulf offshore from Sargent Beach. It caused no damage to marine interests.</p>									
Jefferson Co.	8	8:39 am							Funnel cloud
<p>A funnel cloud hovering over the city of Port Arthur was seen from the National Weather Service Office at Jefferson County Airport.</p>									
Galveston Co.	8	9:30 am							Funnel cloud
<p>The funnel cloud formed just offshore from the Kenah-Seabrook area in Galveston Bay. Apparently it did not touch surface.</p>									
Jackson Co.	8	11:00 am							Funnel cloud
<p>A commercial airline pilot observed the funnel at the base of developing thunderstorms near Edna.</p>									
Galveston Co.	9	9:45 am							Funnel cloud
<p>The funnel developed over the Texas City-LaMarque area, moved north, and never touched ground.</p>									
Comal Co.	10	2:30 pm	25	* 8	0	0	4	0	Wind
Bexar Co.	10	3:45 pm	25	* 8	0	2	6	7	Wind
Bexar Co.	10	4:05 pm							Funnel cloud
Atascosa Co.	10	4:50 pm	20	* 5	0	0	0	5	C Wind
McMullen Co.	10	6:05 pm	12	* 5	0	0	7	?	Wind
<p>A severe thunderstorm moved toward the south-southwest about 20 mph and produced damaging winds intermittently along its path. The path was along a line from Canyon Lake to 2 miles east of San Antonio International Airport to near Jourdanton to west of Tilden. Trees were downed in Comal County and scattered property damage to windows and roofs occurred. In Bexar County most damage was centered on the northeast side of San Antonio where the storm produced an extreme downburst centered near Loop 410 and Harry Wurzbach Road. Severe damage occurred 1 mile east and west and 3 miles north and south of this point and winds were estimated at over 100 mph. At San Antonio International Airport on the edge of the thunderstorm winds, gusts measured at 77 mph were the strongest ever recorded at that station. Roofs were peeled off three large office buildings. Debris from one roof demolished an adjacent apartment. Garner Middle School suffered roof damage to the auditorium and gymnasium. Possibly 100 homes had roof and window damage, many trees were downed, and dozens of cars had windshields broken from debris. Northside windows were blown in on 2nd through 5th floors of two office buildings injuring two workers. Several other businesses were damaged and one small airplane at the airport was flipped. A funnel cloud was seen to the northeast of the thunderstorm in eastern Bexar County. In Jourdanton trees were blown over and scattered property damage occurred. Hail fell with the storm but was only 1/2 inch diameter or less.</p>									
LATE REPORTS									
TEXAS (continued)									
SOUTHERN									
JULY 1979									
Hays Co.	10	2:20 pm	7	* 4	0	0	5	0	Wind
Travis Co.	10	3:00 pm	12	* 5	0	0	5	0	Wind
Williamson Co.	10	3:10 pm	8	* 4	0	0	5	0	C Wind
Bastrop Co.	10	3:25 pm	10	* 4	0	0	6	0	C Wind
<p>It was about 4 different storm cells on an irregular broken east-west line that caused pockets of wind damage over the four-county area. The first storm intensified over Hays Co. and moved south into Comal County. Power lines, roofs, and trees were damaged in Hays Co. A second storm intensified on the north side of Lake Travis, moved south, and produced wind gusts measured at 80 mph on the lake shore. Worst damage was in a 3 mile by 1 mile area at the lake. Resort homes, many boats, and a dog were damaged. The third storm cell passed several miles east of Round Rock, moving from Hutto southward to Travis County where it dissipated before reaching Austin. Property damage was scattered over rural areas south of Hutto and crops were dealt a blow. At Round Rock 2 deaths and 4 injuries were possibly indirectly related to the wind gusts of this storm cell. A partially constructed building collapsed onto workers causing the casualties. Some other isolated roof and tree damage were reported near Round Rock. The fourth storm cell intensified south-east of Thrall and moved south-southwest causing crop damage in southeast Williamson County. This storm continued into northern Bastrop County hitting the town of Edin where much property damage to homes, businesses, and automobiles occurred. Winds may have been near 115 mph at Edin Meadows subdivision. Most windows were broken, trees broken, and at least one automobile was overturned and rolled several blocks. There was one unconfirmed report of a funnel not touching ground close to the wind damage area.</p>									
Brazos Co.	10	4:00 pm	?	?	0	0	5	4	Wind
<p>Thunderstorm wind gusts downed many small out buildings, power lines, and uprooted trees in the Bryan-College Station area. Highway 6 south of Bryan was closed for a while due to downed electrical wires. Other damage was reported at the town of Steep Hollow.</p>									
Houston, Harris Co.	10	5:40 pm			1	0	0	0	Lightning
<p>A 26-year old man was killed when struck by lightning on top of the head. The man was jogging along Brays Bayou in south Houston when the incident occurred.</p>									
Harris Co.	10	5:45 pm			0	0	?	?	Wind
Fort Bend Co.	10	5:45 pm			0	0	?	?	Wind
Brazoria Co.	10	6:00 pm			0	0	?	?	Wind
Wharton Co.	10	6:40 pm			0	0	?	?	Wind
Matagorda Co.	10	7:10 pm			0	0	?	?	Wind
<p>A line of scattered thunderstorms containing isolated severe cells moved southward over these counties causing localized wind damage. Wind gusts were estimated at 70 mph in some of the more intense storms. In general roof, tree, and window damage was experienced over small areas throughout these counties.</p>									
Galveston Co.	10	6:00 pm			0	0	5	0	Wind
<p>Thunderstorm wind gusts estimated at 70 mph caused wind damage over main land areas of north Galveston County. Several mobile homes were flipped and large signs were torn loose and blown into buildings. Many roofs on homes were damaged from League City to Dickinson. Scattered damages were noted throughout the northern part of the county.</p>									
Deer Park, Harris Co.	12	9:30 am	1/2	20	0	0	0	0	Tornado
<p>A long narrow funnel, typical of those that form during early morning hours and do not touch ground in this area, formed over the area between Deer Park and Immax near developing showers. This particular funnel did continue developing downward and touched ground between the two cities in vacant land. It lasted several minutes, and before lifting to the parent cloud, it was well photographed from Deer Park.</p>									
Matagorda Co.	12	9:45 am							Funnel cloud
<p>The funnel lasted for a few minutes over Palacios before dissipating.</p>									
Wharton Co.	13	5:15 am							Funnel cloud
<p>A heavy thunderstorm produced a small funnel cloud as it passed near Lane City.</p>									
San Patricio Co.	13	8:30 am							Funnel clouds
Corpus Christi Bay	13	8:30 am	?	?	0	0	0	0	Waterspout
<p>Developing showers created one funnel cloud east of Portland and another one east of Sinton. At the same time a small waterspout formed in Corpus Christi Bay causing no damage.</p>									
Montgomery Co.	13	12:15 pm							Funnel clouds
<p>Two or three funnel clouds spun but did building thunderstorms over southeastern Montgomery County. None touched ground.</p>									
Galveston Co.	17	12:15 pm			0	0	4	0	Wind
<p>Thunderstorm gusts caused roof damage around the Bayou Vista area.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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	
LATE REPORTS									
TEXAS (continued)									
SOUTHERN									
			JULY 1979						
LaPorte, Harris Co.	17	12:45 pm			0	0	5	0	Lightning
									Lightning hit a gasoline storage tank causing it to explode and burn. Some 2500 barrels of gasoline and the storage tank itself were partially lost before the fire was extinguished.
coastal waters, Kleberg Co.	19	9:00 am							Funnel cloud
									The funnel formed in the Gulf 2 miles east of Padre Island National Seashore.
Live Oak Co.	19	12:00 pm							Funnel cloud
									The funnel aloft was first spotted east of Lake Mathis. There was no evidence that it ever touched ground.
Austin, Travis Co.	19	7:30 pm			0	0	5	0	Heavy rain & Flash flooding
									Between 5:30 and 8:00 pm almost 5 inches of rain fell over the city. A number of houses around Fiesta Street sustained heavy water damage when floodwaters backed up from streets and ditches. East Austin top was flooded from Boggy Creek and Waller Creek with water reported in some homes. Many cars were flood damaged from deep waters in city streets.
Brazos Co.	19	Evening			0	0	?	?	Heavy rain & Flash flooding
									The Bryan College Station urban area received extensive street and residential flooding as heavy downpours remained stationary over the cities for several hours. Extent of flood damages was not known.
Calhoun Co.	20	7:30 am							Funnel cloud
									A coastal shower generated the funnel aloft about 6 miles west of Port Oconnor.
coastal waters, Cameron Co.	20	8:25 am							Funnel cloud
									The funnel appeared to remain aloft as it formed in the Gulf 3 miles east of South Padre Island.
Padre Island, Kleberg Co.	20	11:00 am							Funnel cloud
									The funnel hovered over Padre Island 3 miles south of National Seashore ranger station.
Victoria Co.	20	5:00 pm							Funnel cloud
									A funnel formed and remained aloft as it passed near Bloomington in south Victoria County.
Nueces Co.	21	6:30 am							Funnel cloud
									Early morning coastal showers formed a funnel cloud near Chapman Ranch. It never touched ground.
coastal waters, Jefferson Co.	22	6:20 am	?	?	0	0	0	0	Waterspout
									The spout was observed on Gulf waters 3 miles south of Sabine Pass.

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	
LATE REPORTS									
TEXAS (continued)									
SOUTHERN									
			JULY 1979						Tropical Storm Claudette
Jefferson Co.	24	10:15 pm			1	0	7	7	Heavy rain, Flood
Jefferson Co.	25	5:15 am			0	0	4	?	Wind
Orange Co.	25	4:00 am			0	0	6	5	Heavy rain, Flood
Orange Co.	25	5:30 am			0	0	4	0	Wind
Galveston Co.	25	7:45 am and			0	0	5	0	Wind
Galveston Co.	25	9:45 pm			0	0	5	0	Wind
Hardin Co.	25	10:00 am			0	0	6	?	Heavy rain, Flood
Brazoria Co.	25	11:00 am and			0	0	8	7	Heavy rain, Flood
Brazoria Co.	25	10:30 pm			0	0	6	5	Heavy rain, Flood
Matagorda Co.	25	11:30 am			0	0	6	5	Heavy rain, Flood
Jasper Co.	25	Noon			0	0	?	?	Heavy rain, Flood
Newton Co.	25	Noon			0	0	?	?	Heavy rain, Flood
Harris Co.	25	12:30 pm and			0	0	8	5	Heavy rain, Flood
Harris Co.	25	11:00 pm			0	0	8	5	Heavy rain, Flood
Liberty Co.	25	12:30 pm and			0	0	6	7	Heavy rain, Flood
Liberty Co.	25	11:30 pm			0	0	8	6	Heavy rain, Flood
Galveston Co.	25	10:45 pm			0	0	5	7	Heavy rain, Flood
Chambers Co.	25	11:00 pm			0	0	5	7	Heavy rain, Flood
Fort Bend Co.	25	11:00 pm			0	0	5	5	Heavy rain, Flood
									Phenomenal rainfall totals occurred over extreme southeast Texas around the southern and eastern periphery of weakening Tropical Storm Claudette beginning during late afternoon July 24 and continuing until the morning of July 26. More than 10 inches of rain fell over all the area from the coastline to 30 or 40 miles inland between Matagorda and Sabine Pass. Rainfall totals of 20 inches occurred over Port Arthur and extreme southern Orange County, over parts of Galveston Island, and over southern Harris County. More than 30 inches of rain accrued around the city of Freeport, over northern Brazoria County, and along the immediate coast of southeast Matagorda County. From 30 to 40 inches of rain fell over a small area around the community of Alvin in Brazoria Co. Property and crop damages over the entire affected area was estimated on the magnitude of \$750 million.
									The center of erratic Tropical Storm Claudette drifted northward out of the Gulf of Mexico and came inland near Lake Sabine during the late afternoon of July 24. The disorganized storm contained its strongest winds and heaviest rains in a band removed to the east and south from the center. Claudette turned northward and moved along the Neches river after donning ashore bringing its band of heavy rains inland over Jefferson and Orange Counties. Rainfall totals neared 20 inches over Port Arthur, Lakeview, Groves, and extreme southern Orange County by the morning of the 25th. Some 10 to 15 inches fell elsewhere over the two counties.
									As the storm center continued northward between Lufkin and Huntville, other heavy rains lying just offshore shifted northward and began flooding immediate coastal areas from Matagorda Bay to Galveston Bay. By midday on the 25th, rainfall accumulations of nearly 10 inches had begun flooding Freeport and water was entering several hundred homes there. Extensive street and highway flooding started elsewhere along the coast in Matagorda, Brazoria, and Galveston Counties.
									Around 7 pm CST rains intensified several miles farther inland over Brazoria, northern Galveston, extreme southeast Harris, northwest Chambers, and southern Liberty Counties. During the 8 hour period 7 pm CST to 3 am CST (July 25-26), torrential rains fell which caused the worst of the flooding over Harris, Brazoria, Galveston, and Liberty Counties. Rains earlier in the day had prewetted the ground to saturation and these rains caused rapid flooding. Heaviest rains tapered off by noon on the 26th as the center of Claudette moved farther northward.
									Public property received great flood damages over the stricken area and included damage to thousands of miles of roadway and numerous municipal sewer and water systems. Thousands of telephone outlets were damaged. At least 15,000 homes and hundreds of businesses were flooded and the majority of these had significant damage to the structure and furnishings. No large damages were reported by the heavy petrochemical complexes in the area. Hardest hit cities included these: Port Arthur, Groves, Lakeview in Jefferson County; Bevil Oaks and Lumberton in Hardin County; Bridge City in Orange County; Dickinson, League City, Kemah, Friendswood in Galveston County; Clear Lake City, Seabrook, Seaside, Pasadena, Baytown in Harris County; Alvin, Pearland, Lake Jackson, Freeport in Brazoria County. Both urban and rural areas were flooded by build up of rainwaters over the flat terrain. In some municipal areas drainage pumps were overtaxed to keep up with the intense rate of rainfall.
									Many streams began to flood concurrently with the rainfall periods adding to the extent and degree of flood damages to areas in the drainage bottoms. Some of the worst stream flooding was along, and sometimes as far as a mile away from the normal banks, of these streams: Clear Creek, Chocolate Bayou, Oyster Creek, San Bernard River, Pine Island Bayou, Sims Bayou, Armand Bayou, and the lower Trinity River. Flooding was aggravated by tides 4 to 5 feet above normal in upper Galveston Bay and Lake Sabine inhibited the drainage of rain waters.
									The ripening rice crop in Jefferson, Chambers, and Liberty Counties suffered losses as heavy rains beat the grain into the soil. Automobile losses were very great over the flooded counties.
									Scattered wind damages were caused by gusts of 50 to 60 mph which came soon after onset of heaviest rain periods.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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		
LATE REPORTS										
TEXAS (continued)										
SOUTHERN										
JULY 1979										
Matagorda Co.	25	12:30 am								Funnel clouds
Matagorda Co.	25	12:15 am	?	?	0	0	0	0		Waterspouts
At least two waterspouts were seen in Matagorda Bay and Tres Palacios Bay just offshore from the town of Palacios. About the same time funnel clouds aloft were detected near thunderstorms between Matagorda and Wadsworth.										
Matagorda Co.	25	4:20 pm								Funnel cloud
A pilot observed a funnel 10 miles east of Palacios. It did not ever touch ground.										
Jefferson Co.	25	7:25 pm								Funnel clouds
Numerous funnels aloft formed in the vicinity of squally weather over southern Jefferson County. The funnels moved rapidly northeast and apparently never touched ground.										
Milam Co.	27	7:15 am			0	0	5	5		Heavy rain, Flood
Williamson Co.	27	7:30 am			0	0	4	4		Heavy rain, Flood
Travis Co.	27	8:15 am			0	0	5	?		Heavy rain, Flood
6 to 14 inches of rain fell over Milam County. 5 inches were recorded across eastern Williamson County and much of Travis County. Over the city of Austin two inches of that rainfall occurred in less than an hour between 6:30 and 7:30 am. Most creeks surged out of banks by 8 am. Many farm to market roads flooded over and sustained damage while urban streets in Austin, Georgetown, and Cameron had severe flooding which damaged automobiles. In Milam County farm lands were inundated and a number of rural homes were flooded, especially on creeks in east-central parts of the county. Highways that were damaged included SS 79 and 77, State 36, and Farm Road 2055.										
Hays Co.	27	early am			0	0	?	?		Heavy rain, Flood
Blanco Co.	27	early am			0	0	?	?		Heavy rain, Flood
Bastrop Co.	27	early am			0	0	?	?		Heavy rain, Flood
Lee Co.	27	early am			0	0	?	?		Heavy rain, Flood
Burleson Co.	27	early am			0	0	?	?		Heavy rain, Flood
Rains of 5 to 10 inches fell overnight in these counties causing flash flooding along most small creeks by sunrise on the 27th. Numerous low water-crossings were flooded and bridges washed over. Complete extent of damages to private property and crops was not known.										
Comal Co.	27	11:30 am			0	0	?	?		Heavy rain, Flood
Kendall Co.	27	12:30 pm			0	0	?	?		Heavy rain, Flood
Bexar Co.	27	1:00 pm			0	0	?	?		Heavy rain, Flood
Kerr Co.	27	1:30 pm			0	0	?	?		Heavy rain, Flood
Frio Co.	27	Noon			0	0	?	?		Heavy rain, Flood
The heavy rains which fell overnight to the north of these counties moved slowly southward and produced 5 to 10 inches of rain over this area during late morning hours. Small creeks all overflowed causing minor property damages and washing roadbeds. Along the Guadalupe River from Canyon Dam to New Braunfels, small creeks fed into the river producing a sharp rise which washed away some boats and other river-side property.										
Val Verde Co.	27	1:45 pm			0	0	?	?		Hail
Val Verde Co.	27	1:45 pm			0	0	?	?		Wind
Val Verde Co.	27	3:30 pm			0	0	?	?		Heavy rain, Flash flood
A large hail storm and accompanying high wind gusts caused only minor damage across the sparsely populated areas from Loma Alta to Baker's Crossing. Intense rains caused brief flash flooding of small arroyos crossing US Highway 277, State Highway 163, and Ranch Road 1024.										
Harris Co.	27	4:50 pm								Funnel cloud
A funnel was reported a few miles north of Houston Intercontinental Airport. It apparently remained aloft until dissipating.										
Aransas Co.	30	10:40 am								Funnel cloud
The funnel formed harmlessly over Aransas Bay southwest of Rockport.										
CORRECTIONS										
MARYLAND & D.C.										
JULY 1979										
Baltimore	14	3:00 p- 3:30 p			0	2	4	0		Lightning, Rain
Two youths received a charge of electricity when lightning struck 150 yards from the swimming pool they were at. One of the two collapsed, not breathing. A life guard and a police sergeant administered CPR to him and were undoubtedly responsible for saving his life. The other youth was dazed and semi-conscious. They were both listed in critical condition for a time in the hospital, but were later discharged. In the Waverly section of the City, a school bus with 30 pre-teenage children was caught in high water in a railway underpass. Water went almost up to the bus windows, however the children were carried to safety. Elsewhere, a substantial portion of Falls Road collapsed, and officials closed the road indefinitely.										
VIRGINIA										
JULY 1979										
Hillsville (nr), Carroll County	4	4:20 p	1.5	40	0	0	5	0		Tornado
Tornado moved from northwest to southeast, completely removing the roof from one home. It continued on, barely missing another residence but uprooted a number of trees and demolished an outbuilding, before extensively damaging a mobile home. A funnel was sighted by a man who described it as "a huge black cloud with water spraying out of it", just before it tore the upper portion of his house off. Another incident was told by a man who was apparently caught up in the storm circulation. The pickup truck he was driving was lifted up from the ground and spun around 180 degrees. Other damage included the overturning of several cemetery tombstones, many power lines and telephone poles down, and a concrete block garage destroyed. Total damage estimated at over \$50,000.										
<p>0 Includes crop damage.</p> <p>C Crop damage.</p> <p>* Miles instead of yards.</p> <p>** Yards instead of miles.</p> <p>+ Storm damages are placed in categories varying from 1 to 9 as follows:</p> <ol style="list-style-type: none"> 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 <p>Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.</p> <p>SUBSCRIPTION PRICE: \$4.80 per year; \$12.00 foreign; 40c single copy; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.</p> <p style="text-align: right;">USCOMM-NOAA-ASHEVILLE, N.C. 1979-1700</p>										

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