

AUGUST 1976

VOLUME 18

NUMBER 8

STORM DATA



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
SEE END OF TABLE										
ALASKA										
Alaska mainland	summer, 1976						?	?	record low rainfall	
									Record low rainfall was reported for much of Alaska for the 1976 summer. Lake levels in many locations and streamflow at several gage sites was at or near record low levels at locations around the state. Agricultural interests reported ground moisture supply very short, resulting in low yields but also in an early harvest.	
Southcentral and Southeast Alaska	1						?	?	record August heat	
									Record high August temperatures (in the 80's) were observed at many locations in southcentral and southeast Alaska. The highest known reading was 90°F at Fairbanks International Airport.	
Fairbanks area	1-2	2300-0200 AST							brilliant NLC display	
									Noctilucent clouds (NLC) are usually observed in the Alaska Interior at least several times per summer. The display of August 1-2, 1976 was said by oldtimers to be the best they had seen in 20 years or more. Precision photography of the event was accomplished by Mr. Robert Fischer of the National Weather Service Forecast Office in Fairbanks.	
Alaska Peninsula and Bristol Bay	14	0300-1200 BST						?	strong winds	
									A cold frontal passage over the area on the morning of Aug. 14 brought westerly gale to storm force gusts for several hours just behind the front. The peak reported wind was 86 knots just north of Dutch Harbor.	
Susitna Valley and Copper River Basin	21	0300-0600 and AST						?	early frost	
									Light early frost was reported in agricultural areas of southcentral Alaska.	
Kodiak Island area	25-26	1500 8/25 to 1500 AST 8/26			8		5		strong winds and high seas	
									An intense storm moved eastward into the Gulf of Alaska spreading easterly winds peaking out at 50 to 70 mph ahead of the center over the Kodiak Island area. The 72-foot fishing vessel "Deep Sea" was lost with all hands. Seas in the area were reported to be 15 to 20 feet.	
ARIZONA										
Casa Grande Pinal County	8	Afternoon			0	2	4	0	Wind, Dust	
									Very strong winds with visibility near zero in dust caused a four vehicle chain reaction wreck on Interstate 8 just south of the city. Two persons were injured.	
Phoenix Maricopa County	8	Evening			0	0	4	0	Wind, Dust	
									Winds gusting to 59 m.p.h. during a thunderstorm caused damage to many power lines, trees, roofs and carports mainly to south and west sides.	
Colorado City Mohave County	12	5:00 p.			0	0	3	0	Tornado	
									A small tornado lifted an 8 by 16 foot roof off a hay shelter, whirled it through the air and set it down 28 feet away. Also picked up the complete siding of a house under construction.	
Snow Bowl (near Flagstaff) Coconino County	21	Afternoon			0	4	0	0	Lightning	
									Four Northern Arizona University students were struck by lightning as they were hiking in the Snow Bowl ski area about 8 1/2 miles north of Flagstaff, at an elevation of 11,600 feet. Three were hospitalized for burns and one was treated and released.	
Tucson Pima County	22	Afternoon			0	0	4	0	Wind, Lightning, Flooding	
									A localized heavy thunderstorm with very strong winds and heavy rain on the far southwest side toppled twenty poles carrying 92,000 volts of electricity. Some power to the nearby copper mine was cut off for nine hours. There was also some localized street flooding. Lightning caused moderate damage to a home.	
Colorado City Mohave County	22	3:30 p.			0	0	4	3	Flooding	
									A heavy thunderstorm accompanied by strong winds and hail dumped 1.36 inches of rain in 1/2 hour and created flooding conditions throughout the community. A number of basements were flooded to a depth of nearly a foot of water. It also washed out roads, fence posts and gardens.	
ARIZONA (continued)										
Coolidge Pinal County	28	7:00 p.			0	4	7	?	Wind, Heavy Rain, Hail	
									A terrific thunderstorm with winds up to 80 m.p.h. and heavy rain and hail caused extensive damage to power lines, mobile homes, roofs, trees, fences, signs and store windows. Debris was scattered for blocks. Poles for the main power line to the city were snapped off with a blackout for 11 hours. Three persons were injured when their mobile home was demolished. Another person was cut by flying glass from a window in his house.	
Casa Grande Pinal County	31	11:45 p.			0	1	0	0	Wind	
									Very strong winds overturned a man's mobile home and he suffered back injuries and a five inch cut on his face and neck.	
ARKANSAS										
Winthrop Little River County	1	4:00 p.			0	0	4	0	Wind	
									Strong winds generated by a thunderstorm which was moving toward the south produced roof damage to 26 houses. The winds also blew down trees and power lines. Damage was estimated to be nearly \$15,000.	
5 Miles North of Peel (Bull Shoals Lake) - Marion County	14	4:47 p.	**	200	15	0	2	5	0	"Waterspout Tornado"
									A waterspout touched down on Bull Shoals Lake about 100 yards from the 125 Boat Dock. The waterspout moved toward the east-southeast and hit the dock doing extensive damage to the dock and several boats. The waterspout then moved onshore becoming a tornado and traveled an additional 100 yards. The storm threw one man onto shore from a boat and threw a girl against a tree. Damage was slightly less than one-hundred thousand dollars.	
Chidester Ouachita County	15	3:30 p.			0	0	3	0	Winds	
									Winds generated by thunderstorms blew down several trees and power lines. Most of the damage consisted of trees falling on automobiles.	
Vilonia Faulkner County	22	3:30 p.			0	1	0	0	Lightning	
									Lightning struck and injured a 6 year old boy. His mother and brother who were with him were uninjured.	
Little Rock Pulaski County	23	2:26 p.			0	0	3	0	Hail and Lightning	
									Hail up to 3/4 inch in diameter fell on sections of the city with little damage reported. Lightning from the thunderstorm struck the corner of a downtown office building causing bricks to fall from the building onto several cars parked below.	
3 Miles Southeast of England Lonoke County	23	3:00 p.			0	0	0	3	Hail	
									More than 1,000 acres of cotton and soybeans received extensive damage from hail which was nearly 2 inches in diameter.	
Oakhaven Hempstead County	23	3:25 p.			0	0	3	0	Winds	
									Strong winds from thunderstorms moving through the area overturned and damaged a mobile home.	
Walnut Ridge Lawrence County	23	4:00 p.			0	1	0	0	Lightning	
									Lightning struck and injured a woman who was covering a truckload of watermelons during a thunderstorm. She suffered a broken arm and burns to her thigh and foot.	
3 Miles South of Walnut Ridge Lawrence County	23	4:10 p.			0	0	0	3	Hail	
									Hail up to golf ball size did considerable damage to nearly 150 acres of crops.	
Magnolia Columbia County	25	4:05 p.			0	0	4	0	Winds	
									Strong winds generated by thunderstorms moving through the area blew down the "KVMA" radio transmission tower. Several trees and out-buildings were also blown over.	
Bald Knob White County	28	1:20 p.			0	0	3	0	Winds	
									Winds from a strong thunderstorm blew down several concrete walls of a cat wash.	

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
ARKANSAS (continued)									
Little Rock Pulaski County	28	3:30 p.			0	1	0	0	Lightning
									Lightning struck a Little Rock Police Cadet who had taken refuge beneath a tree during a thunderstorm. The Cadet was hospitalized for observation.
CALIFORNIA NORTHERN & CENTRAL									
			NONE REPORTED						
CALIFORNIA SOUTHERN									
			NO STORM DATA REPORT RECEIVED FOR THIS AREA						
COLORADO									
Canon City, Fremont County	1,2	eve to afternoon			0	0	?	?	Heavy rain
									Minor flooding of streets and gutters. A number of small landslides on U.S. Highway 50, west of Canon City.
Denver	1	afternoon			0	1	?	0	Thunderstorms
									Flight service at Stapleton airport was suspended for 90 minutes as the airport tower's radar was knocked out and water reached a foot deep on some taxi ramps after 1 1/2 inch rain fell in 1 hour. Heavy rain also caused minor flooding in city of Aurora (10 miles SE of Denver) and lightning damaged roof of home and injured the owner. One young man was swept down a flooded ditch and was rescued by firemen. A number of rafts were rowed in flooded streets.
Colorado Springs	1	2200			0	-	4	0	Thunderstorms
									Minor flooding in streets reached up to 2 1/2 feet deep. A soldier barely escaped with his life as swirling water on Hancock Expressway moved his car into Sand Creek. Street damage estimate up to 40,000 dollars. Lightning temporarily disabled 2 radio transmitters atop Cheyenne Mountains. Numerous power outages. A barricade erected to prevent flooding of a trailer court.
Pueblo County	2	afternoon and evening			0	0	?	?	Thunderstorms
									Several reports of home damage, road damage and mudslides in the Tye and Colorado City areas. Overflowing of irrigation ditches closed State Highway 115. 2 to 5 inches rain reported and the Emergency Center was activated.
Colorado Springs	3	1655-1710			0	0	?	?	Hail storm
									Hail up to 3/4 inch diameter reported 7 miles west northwest and 3 miles SE of Colorado Springs.
Denver	4	1240			0	0	?	?	Hail storm
									Hail of 1 inch diameter reported 12 miles SW of Denver.
Denver	4	1940			0	0	?	?	Hail storm
									Hail 3/4 inch diameter reported just west of Denver (in Lakewood)
Fort Lupton, Weld County	4	afternoon			1	2	?	?	Lightning
									A feed lot foreman and his horse were killed. 2 other men treated at Brighton hospital and released.
Cheyenne Wells	6	2035			0	0	?	?	Hail storm
									Golfball size hail reported 10 miles east of Cheyenne Wells.
Thornton, Weld County	8	1600			1	0	?	-	Lightning
									A 13 year old boy riding a bicycle was struck and killed.
Greeley, Weld County	10	2130	0.1	50	0	1	3	0	Tornado
									Window of gas station sucked outward and scattered 150 feet. Across the street wind tore down part of a fence and ripped a young tree out of ground. 2 mobile homes were lifted from blocks and thrown to the ground with slight injury to 1 lady inside.
Greeley, Weld County	14	evening			0	0	?	?	Lightning
									Lightning damaged a tree and set off several burglar alarms.
Longmont, Boulder County	14	evening			0	0	3	?	Lightning
									Lightning damaged a house; firemen put out the fire. \$1,000.
Akron, Washington County	15	1835			0	0	?	?	Hail
									Golfball size hail at Merino (19 miles south of Akron)
Logan County	15	1950	0.5	100	0	0	?	?	Tornado
									2 different aircraft sighted a tornado 35 miles NNW of Akron. It was moving NE 15 to 20 MPH.
Haxtun, Phillips County	15	2030-2100	0.5	100	0	0	?	?	Tornado
									Hangar roof blown off and damage to 1 aircraft at airport 1 mile southeast of Haxtun.
Haxtun, Phillips County	15	2030-2100	0.5	100	0	0	?	?	Tornado
								This tornado immediately followed the above-reported one. Southwest of Haxtun; several sheds were torn down; a large tree uprooted and hit house; and a windmill twisted and blown down.
COLORADO (continued)									
Fort Morgan, Morgan County	15	evening			0	0	5	?	Thunderstorm
									Minor flooding on Wildcat Creek Gulch (10 miles N of Ft. Morgan). A small piece of road was washed away near county road 23. Sections of fence also destroyed.
Pikes Peak, El Paso County	19	evening			0	0	?	?	Thunderstorm
									Roads and bridges on side of mountain damaged by heavy showers.
Colorado Springs	24	afternoon			0	0	?	?	Hail
									Hail 3/4 inch diameter reported 8 miles NW of Colorado Springs.
Colorado Springs	26	afternoon			0	1	?	?	Lightning
									Golfer seriously injured by lightning at Woodmoor.
CONNECTICUT									
Statewide	10	All Day			0	0	7	5	Hurricane Belle
									Hurricane Belle smashed through central and western Connecticut bringing most damage to portions west of Clinton. Bridgeport reported a gust to 81 MPH. Many trees were blown down onto buildings unhooking barns, porches, swimming pools and portions of houses. Several boats slipped their mooring and were smashed and others swamped. Black Rock Harbor near Bridgeport sustained the most marine damage.
Norwich	17	3:50 a.m.			0	0	3	0	Lightning
									An entire corner of a house was blasted off as lightning hit.
Branford	19	3 a.m.			0	0	4	0	High Wind
									Large wall of two story apartment was ripped off by "fresh storm".
Guilford	19	Morning			0	0	3	0	Lightning
									The upper portion of a house was struck and buried by lightning.
Greenwich	27	9 a.m.			0	0	3	0	Lightning
									Lightning hit a chimney, passed down through a wall and ignited a house fire.
Naugatuck	28	1:08 a.m.			0	1	0	0	Lightning
									A young man was knocked unconscious by lightning as he lay in bed. A lamp cord was blown out of the wall.
DELAWARE									
Fenwick Island Area	1	1:40 a			0	3	4	0	Wind
									Winds gusting to 60 mph caused considerable damage to mobile homes, cars and buildings. A woman and her two daughters received minor injuries when the camper they were in flipped over at a camp-ground on the Beach. An unoccupied mobile home west of Fenwick Island was turned over and demolished. Residents of the park said winds shook their mobile homes so hard that doors were thrown open. At a boat-yard, a storage shed was destroyed and several boats were scattered into the bay. Damage was estimated at \$40,000.
Coastal Areas	9	Afternoon-evening			0	0	4	0	Hurricane
									Hurricane Belle, moving northward in the Atlantic Ocean, was approximately 60 miles to the east of Rehoboth Beach at 6 PM (EST). The following, given in Eastern Standard Time, were reported at stations taking weather and tide observations: Highest Sustained Wind (knots) Indian River Inlet Coast Guard Station 40 to 45 from NNW at 7 PM Dover Air Force Base 30 Wilmington Airport (NWS) 17 from 340° at 7:25 PM Peak Gust (knots) Indian River Inlet Coast Guard Station 75 at 7 PM Dover Air Force Base 42 Blake Channel/Delaware Bay 45 at 7:20 PM Wilmington Airport (NWS) 30 from 320° at 7:25 PM Lowest Sea-level Pressure (Inches) Indian River Inlet Coast Guard Station 29.55 at 7 PM Wilmington Airport (NWS) 29.615 at 7 PM Tides Indian River Inlet Coast Guard Station 4.6 feet above MLW at 7:30 PM

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
DELAWARE (continued)									
									Storm Rainfall (inches)
									Dewey Beach 4.42
									Lewes 3.98
									Georgetown 2.77
									Milford 2.50
									Odessa 2.25
									Dover AFB 2.24
									Damage was minor, probably no more than \$8,000. Early estimates, on the order of \$3,000, were indicated to clear State roads of fallen trees and other debris. Utility companies also reported minor damage. Evacuees, according to Civil Defense sources, totaled 4,113 and were mostly campers from State-owned park lands.
Dover	14	8:00-9:00 p			0	0	2	0	Lightning
									Two houses caught fire after being struck by lightning; damage was minor. Six people was trapped in a motel elevator for a brief period when power was interrupted.
Laurel 3 NE, Sussex County	15	5:18 p			0	0	2	0	Wind
									Wind blew down three trees at Chipman Pond, one falling upon an automobile.
FLORIDA									
Dade and Broward Counties	01	4:00 PM to 5:00 PM EST			0	0	0	0	Heavy rain.
									Afternoon thunderstorms dumped heavy rain that caused widespread street flooding. Water was reported 4 feet deep in some places along Biscayne Boulevard in Miami. In Broward County, Fort Lauderdale and its surrounding areas received the most rain. Over three inches fell in the area, mostly during a one-hour period. Numerous power interruptions and automobile accidents were reported and several small boats were capsized. No serious injuries were reported.
Dade County	02	4:00AM to 9:30AM EST			0	0	0	0	Heavy rain.
									A thunderstorm produced about 6 inches of rain over a three-hour period in the downtown Miami area, causing engine-deep flooding in streets.
Lee County	02	7:00AM EST			0	0	0	0	Waterspout
									A waterspout was observed 3 miles north of Bokaleis.
Manatee County	02	11:00AM EST			0	0	0	0	Waterspout
									A waterspout was observed about one mile off Anna Maria Key.
St. Petersburg, Pinellas County	02	11:00AM EST			0	0	0	0	Waterspout
									A waterspout was observed near St. Petersburg Beach.
Ocala, Marion County	02	11:45AM EST			0	2	0	0	Lightning
									Two construction workers were injured when struck by lightning while on a scaffold at a building site in Ocala.
Alachua County	02	Afternoon			1	1	0	0	Lightning
									Lightning struck and killed a 14-year-old girl and injured a man during a thunderstorm while they were working in a tobacco shed on a farm between High Spring and Newberry.
Monroe County	03	12:45PM EST			0	0	0	0	Waterspout
									A large waterspout was observed about five miles northeast of Key West.
Brevard County	03	3:40PM EST	1/10	20	0	0	3	0	Tornado
									A small tornado dipped down briefly south of Patrick Air Force Base near Satellite Beach, ripping the roofs off of 2 carpools attached to mobile homes in Palm Bay Estates, and dropping them about a block away from their original locations. Residents reported hearing a loud noise like a train. No injuries were reported.
Miami Beach, Dade County	05	9:30AM EST			0	0	0	0	Waterspout
									A waterspout observed just east of Government Cut dissipated in five minutes.
Ft. Myers, Lee County	05	4:45PM EST			0	1	0	0	Lightning
									A man was struck by lightning at Edison Community College while locking his car. His injuries were not serious.
FLORIDA (continued)									
Clermont, Lake County	05	7:15PM EST			0	0	4	0	Lightning
									Lightning struck a home during a thunderstorm causing a fire which completely destroyed the home. Damage was estimated at \$50,000. The owners were on vacation at the time.
Monroe County	06	1:30PM EST			0	0	0	0	Waterspout
									A waterspout observed 10 miles northwest of Key West Airport dissipated after six minutes.
Monroe County	07	3:00PM EST	1/2	20	0	0	3	0	Waterspout-Tornado
									A waterspout came ashore at Caloosa Cove on Lower Matecumbe Key and caused \$1,000 damage by wrecking two signs and an aluminum storage shed. There were no deaths or injuries.
Palm Beach County	09	7:42AM EST			0	0	0	0	Waterspout
									A waterspout was reported five miles east of Boynton Beach.
Monroe County	09	8:20AM EST			0	0	0	0	Waterspout
									A waterspout was observed off Key Largo 36 miles south of Miami.
West Palm Beach, Palm Beach County	09	11:50AM to 1:50PM EST			0	0	4	0	Windstorm and heavy rain
									A thunderstorm accompanied by gusty winds and heavy rain caused miscellaneous damage and street flooding in the West Palm Beach area. Wind gusts to 53 mph were recorded at the International Airport where two small airplanes were torn from their moorings and sustained \$17,500 damage. Numerous trees, limbs and power lines were downed. Small hail was reported west of the city. Over two and one half inches of rain fell in less than one hour causing street flooding. Water was reported bumper-deep in places. No injuries were reported.
Pahokee, Palm Beach County	09	12:30PM EST			0	1	0	0	Lightning
									Lightning struck and injured a woman while she was in the kitchen of her home. The lightning bolt apparently struck a tree outside and entered the house through a ground wire. The woman was hospitalized.
Okeechobee, Okeechobee County	09	2:30PM EST			0	0	3	0	Severe thunderstorm
									A severe thunderstorm produced 60 mph winds, 3/4 inch hail, and heavy rain. Parts of a mobile home roof and carport were blown away. Some streets were flooded up to one foot deep. No injuries were reported.
Volusia County	09	3:27PM EST			0	0	3	0	Funnel Cloud Aloft
									A funnel cloud was sighted in South Daytona moving eastward 10 mph during a thunderstorm. There was no evidence that the funnel touched down, but thunderstorm winds destroyed a cabana and blew debris about 125 yards away. About an hour and a half earlier, wind gusts to 53 mph were measured at the Daytona Beach Airport during a thunderstorm. No injuries were reported.
Elkton, St. Johns County	09	3:30PM EST			0	0	4	0	Windstorm
									Strong winds during a thunderstorm severely damaged a large potato packing house. The Civil Defense Director said there was no evidence of a tornado. No injuries were reported.
Palm Beach County	10	8:07AM EST			0	0	0	0	Waterspout
									A waterspout was reported 10 miles southeast of West Palm Beach.
Palatka, Putnam County	10	5:51PM EST	1/10	15	0	0	0	0	Tornado
									A tornado was reported to have touched down briefly near Palatka causing no damage or injuries.
Titusville, Brevard County	10	Late Afternoon			0	0	4	0	Severe thunderstorm
									A severe thunderstorm, described as the worst in the area this year, was accompanied by high winds, heavy rain and severe lightning, causing power interruptions, street flooding, and roof damage to two large buildings. Damage occurred mainly in the south end of town. In addition to downed trees and power lines, portions of the roofs were ripped away from the Presidential Office Building on U.S. 1 and from Cook's Discount Center on S.R.50. Severe thunderstorm activity was widespread throughout Brevard County during the afternoon. No injuries were reported.
Sarasota County	11	5:20PM EST			0	0	0	0	Funnel cloud aloft
									A funnel cloud aloft was reported 8 miles east of Sarasota (27°20'N 82°20'W) off Fruitville Road. Parent thunderstorm was moving west 7 mph. No damage reported.
Manatee County	11	5:20PM EST			0	0	0	0	Waterspout
									A waterspout was reported over the Manatee River near Bradenton. The parent thunderstorm was moving west 7 mph (27°30'N 82°38'W).

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
FLORIDA (continued)									
Pinellas County	11	6:20PM EST			0	0	0	0	Funnel cloud aloft
		A funnel aloft was sighted in St. Petersburg near 30th Avenue and 66th Street North (27°46'N 82°38'W). Thunderstorm was moving west 8 mph. No serious damage reported.							
Largo, Pinellas County	12	5:50PM EST	1/4	30	1	21	6	0	Tornado
		A westward moving funnel cloud touched down for about 7 minutes and plowed through two mobile home parks located near Belcher Road and 142nd Street in Largo (27°54'N 82°45'W). The funnel cloud aloft first appeared near Highway 19 and Ulmerton Road at the Gay Ranch Mobile Home Park where 15 trailers were damaged. The funnel continued west to Westgate Park where it touched down and continued into Lees Mobile Home Park across Belcher Road. One woman was killed and 15 injured as the tornado destroyed or caused severe structural damage to 93 mobile homes. Flying debris and peripheral winds caused minor damage to homes in an area bounded by U.S. 19, East Bay Drive, Ulmerton Road, and Belcher Road including King's Manor Mobile Home Park, Coral Heights, and LaPlata Trailer Park. King's Manor had one injury and 7 trailers with minor damage. Five persons were injured when their car was blown off the road. The tornado roared like a train and was accompanied by heavy rain. The parent thunderstorm moved west about 8 mph. 1/2 inch hailstones and wind gusts to 50 mph were reported in northwest portion of St. Petersburg.							
Miami, Dade County	13	7:25AM EST			0	0	0	0	Funnel cloud aloft
		A funnel cloud aloft appeared briefly 7 miles northeast of Miami International Airport (25°43'N 80°10'W).							
Monroe County	13	7:31AM EST			0	0	0	0	Waterspout
		A waterspout was observed briefly 8 miles SSW of Key West. Movement was toward the west (24°26'N 84°49'W).							
Temple Terrace, Hillsborough County	13	4:20PM EST			0	0	0	0	Funnel cloud aloft
		A funnel cloud aloft appeared briefly near Temple Terrace (28°03'N 82°23'W). The parent thunderstorm showed little or no movement and produced pea size and marble size hail. No damage was reported.							
Lake County	13	4:30PM EST			1	0	0	0	Lightning
		A farm worker was killed by lightning as he was working on farm machinery near a poultry building 4 miles east of Eustice (28°51'N 81°35'W).							
Tampa, Hillsborough County	13	5:00PM EST			0	0	0	0	Funnel cloud aloft
		A funnel cloud aloft appeared briefly near Armenia & Linebaugh Avenues (27°59'N 82°28'W). Winds accompanying the parent thunderstorm blew down a few TV antennas and damaged several aluminum cabins. There was no evidence that the funnel touched down.							
Polk County	13	6:15PM EST			0	0	0	0	Funnel cloud aloft
		A thunderstorm spawned a funnel cloud at Willow Oak, 6 miles south of Lakeland. Winds associated with the funnel tore the roof and center wall off of a mobile home. There were no injuries.							
Tampa, Hillsborough County	13	7:10PM EST			0	0	0	0	Funnel aloft
		A thunderstorm spawned a funnel cloud near MacDill and Woodlawn Avenues. Minor damage was reported to TV antennas and aluminum cabins. There was no evidence that the funnel touched down.							
Palm Beach, Palm Beach County	14	11:00AM EST			0	0	0	0	Waterspout
		A waterspout was reported by the public just off the coast from Palm Beach.							
Osceola County	14	1:15PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported by the public 3 miles west of St. Cloud.							
Pinellas County	14	2:20PM EST			0	0	0	0	Waterspouts
		The Coast Guard at St. Petersburg reported 3 waterspouts about 15 miles offshore moving toward the north.							
Indian Rocks Beach, Pinellas County	14	4:05PM EST			0	0	0	0	Waterspout
		A large waterspout was reported by the Coast Guard just offshore from Indian Rocks Beach moving toward the northwest.							
Levy County	14	6:45PM EST			0	0	2	0	Funnel cloud aloft
		Two funnel clouds appeared briefly 7 miles north-northeast of Chiefland. No significant damage occurred.							
Palm Beach County	15	4:00PM EST			0	0	0	0	Funnel cloud aloft
		A funnel cloud was reported 8 miles east-southeast of Belle Glade.							
Palm Beach County	16	4:14PM EST	1/2	20	0	0	2	0	Tornado
		A tornado touched down briefly three times near the town of Belle Glade. Damage was confined to uprooted trees and to a utility shed. No injuries were reported.							
FLORIDA (continued)									
Santa Rosa County	16	4:30PM CST			0	0	0	0	Funnel cloud aloft
		A funnel cloud aloft was reported near Pace. No damage was reported.							
Dade County	16	5:00PM EST			0	0	0	0	Funnel cloud aloft
		A funnel cloud aloft was reported 8 miles north of Miami near Highway 441 and County Lind Road. No damage was reported.							
Pompano Beach, Broward County	16	5:15PM EST			0	0	2	0	Funnel aloft
		Winds associated with a funnel aloft damaged an above-ground vinyl swimming pool. Lightning from the parent thunderstorm disrupted electrical power.							
Monroe County	16	6:02PM EST			0	0	0	0	Waterspout
		A waterspout was reported northeast of Key West.							
Santa Rosa County	16	6:15PM CST			0	0	2	0	Funnel aloft
		A funnel cloud aloft was reported near Milton. Damage was confined to trees and utility lines.							
Dade County	16	6:45PM EST			0	0	0	0	Funnel aloft
		A funnel aloft was reported at S.W. 137th Avenue and Kendall Drive. No damage was reported.							
Crestview, Okaloosa County	16	afternoon			0	1	0	0	Lightning
		A workman was injured when struck by lightning while walking toward a truck to get out of the rain.							
Monroe County	17	2:44AM EST			0	0	0	0	Waterspout
		A waterspout was reported southeast of the Key West Naval Air Station.							
Sarasota County	17	8:50AM EST			0	0	0	0	Waterspouts
		Two waterspouts were reported 5 miles west of Venice.							
Dade County	17	3:28PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported by the public 14 miles south of Homestead.							
Palm Beach County	17	4:15PM EST			0	0	0	0	Funnel aloft
		A funnel cloud aloft was reported by the public 4 miles north of the Pahoehoe Airport.							
St. Lucie County	17	6:24PM EST			0	0	0	0	Waterspout
		A waterspout was reported by the public 5 miles east of St. Lucie.							
Palm Beach County	18	9:05AM EST			0	0	0	0	Waterspout
		A waterspout was sighted just off Boynton Beach.							
Dade County	18	2:35PM EST			0	0	0	0	Waterspout
		A waterspout was observed just offshore from Homestead Bayfront Park.							
Monroe County	19	8:00AM EST			0	0	0	0	Waterspouts
		Two waterspouts were sighted, one near Key West and one 5 miles southeast of Key West.							
Monroe County	19	11:00AM to 11:30AM EST			0	0	0	0	Waterspouts
		Three waterspouts were sighted, one 8 miles southeast of Key West and two more 12 miles east of Key West.							
Florida Keys and Southeast Coast	19				0	0	3	0	Wind and heavy rain.
		Squalls associated with a tropical depression produced gusty winds and heavy rains in Dade, Monroe, and Broward Counties. The tropical depression began moving northeast from Key West early in the morning, passed through Dade and Broward Counties, moved offshore mid-afternoon near Pompano Beach, and became Tropical Storm Dottie. Heaviest 24-hour rains were 6 to 8 inches between downtown Miami and southeast Coral Gables. Street flooding was reported on Key Biscayne as well as downtown Miami between Biscayne Blvd. and Biscayne Bay. Street flooding also occurred in Broward County in Ft. Lauderdale, Miramar, Tamarac, Hollywood, and Lauderdale. Islamorada reported gusts to 61 mph at 6:30 AM EST which caused damage to a roof. Trees were reported down on Key Largo.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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		
FLORIDA (continued)										IDAHO										
Palm Beach County	21	8:35AM EST			0	0	0	0	Waterspout	Gem County	1	Night			0	0	3	0	Lightning	
		A waterspout was reported 2 to 3 miles east of Biny Breezes.										Eight two-year old steers standing near a fence were struck by lightning and killed.								
Brevard County	21	4:30PM EST			1	3	0	0	Lightning	Kimberly Area, Twin Falls County	2	Afternoon			0	0	2	5	Hail and Wind	
		Lightning struck into a crowd of bathers at Cocoa Beach killing a 56-year-old man, stunning three other people, and knocking several more off their feet. The lightning strike occurred on Cocoa Beach at the end of SR 520. Rain was just beginning and some thunder had been heard, but no lightning had been observed prior to the fatal strike.										Crops and home gardens received variable damage with some losses as high as 90 percent over an area of several miles surrounding Kimberly. Grains and beans received heaviest damage with lesser damage to sugar beets and potatoes. Roof and other minor building damage were reported.								
Collier County	22	8:55AM EST			0	0	0	0	Waterspout	Murphy, Owyhee County	2	Evening			0	0	3	0	Flash Flooding	
		A waterspout was reported about 8 miles northwest of Naples.										Heavy rain sent what was described as a 10-foot high wall of water rushing down Rabbit Creek. It tore out some telephone and power lines and dumped mud on lawns. A local road was washed out and Highway 78 was closed temporarily.								
Boynton Beach, Palm Beach County	24	10:22AM EST			0	0	0	0	Waterspout	Latah and Nez Perce Counties	2	Evening			0	0	4	6	Hail, Flash Flooding, Wind and Lightning	
		A waterspout was reported by the public between one and two miles offshore.										A thunderstorm sent torrents of water rushing through normally dry creekbeds. The flooding demolished or damaged buildings, killed livestock, washed out 60 feet of road, and piled mud and debris on a farm where a "School of Country Living" was located near Kendrick, Latah County. The storm washed mud off the hillside north of Kendrick into the backyards of homes and washed mud and rock into the City's swimming pool. Heavy hail, with stones reported the size of a quarter to over an inch in diameter, caused extensive but variable damage to wheat, barley, pea and lentil crops over a broad area extending from Deary, Latah County, to northern Nez Perce County. Hail covered the ground 6 inches deep at Troy, Latah County, and drifts to a foot deep in ditches were reported at other places. Wind and rain flattened and further damaged grain crops in places. Rain damaged telephone cables in Kendrick. Lightning caused minor damage to a house located between Troy and Deary, Latah County.								
Delray Beach, Palm Beach County	24	10:44AM EST			0	0	0	0	Waterspout	Latah, Nez Perce, Lewis, and Idaho Counties	3	Afternoon			0	0	3	5	Hail, Wind and Rain	
		A waterspout was reported two miles offshore Delray Beach.										Heavy damage was added to the crop damage done the day before in southern Latah County and northern Nez Perce County mainly by hail. Lesser damage occurred to crops in Lewis and Idaho Counties.								
Largo, Pinellas County	24	6:00PM EST			0	0	0	0	Funnels aloft	Castleford Area, Twin Falls County	4	3:00 p.			0	0	0	5	Hail	
		Two funnel clouds aloft were reported by the public.										The storm moved in a northeasterly direction from Salmon Falls Canyon to one mile northeast of Buhl and covered an area about 1 1/2 to 3 miles wide. Hail up to the size of golf balls caused damage ranging from slight to 90 percent to hundreds of acres of grain and beans.								
Jacksonville Beach Duval County	28	6:40AM EST			0	0	0	0	Waterspouts	Boise, Ada County	6	4:00 p.			0	0	0	0	Hail	
		Two waterspouts were reported off Jacksonville Beach moving northwest.										Hailstones 3/4 inch in diameter were reported during a thunderstorm.								
Lee County	30	7:00PM EST			0	0	0	0	Waterspout	Bonner, Boundary and Kootenai Counties	6	Evening			0	2	6	?	Wind and Lightning	
		A waterspout was sighted near Sanibel Island moving westward around 12 miles per hour.										Thunderstorms moved northward from the Lewiston area gaining in ferocity as they swept up the Panhandle. Numerous transformers were burned out by lightning strikes in Kootenai County, and a giant screen at a drive-in theatre was toppled by wind at Coeur d'Alene. Heaviest damage was in the Priest Lake area of Bonner County where resorts were badly damaged. Indian Creek Campground on the east side was particularly hard hit, and Navigation Campground on Upper Priest Lake was completely destroyed with every tree flattened on the five-acre tract, but no campers were there at the time. Winds were estimated at 70 miles per hour at Priest Lake Ranger Station where the anemometer was not working due to power outage. A 14-year old girl capping with her family on Kallispell Island suffered a fractured skull and spine when a tree struck a tent in which she had taken refuge. One person received a broken ankle at Indian Creek Campground. Bats, an airplane on floats, campers, mobile homes, and automobiles were badly damaged and there was moderate damage to scattered cabin sites. An estimated 5 million board feet of timber was blown down in the Kaniku National Forest. The storm hit sporadically to the Canadian line. At least two lightning-caused fires were soon extinguished by heavy rain.								
West Palm Beach, Palm Beach County	31	6:48AM EST			0	0	0	0	Waterspout	Craigmont, Lewis County	7	Evening			0	0	3	0	Lightning	
		A waterspout reported 5 miles southeast of West Palm Beach dissipated in less than five minutes.										A direct lightning strike on a substation damaged insulators and set a transformer on fire. Such a strike is highly unusual according to an official of the power company.								
GEORGIA										HAWAII										
Tybee Island	8	7:45 PM			0	0	4	0	Wind	Mountain Home, Elmore County	18	7:40 p.			0	0	0	0	Hail	
		3 mobile homes damaged, 2 heavily. Only one had tie-downs and that was only 2 overhead straps. A small shed destroyed, minor roof damage to one house, broken windows to another, several TV antennas bent over, and small tree limbs broken.										Hailstones 3/4 inch in diameter were reported during a thunderstorm.								
Blackshear, Pierce Co.	12	1:15 PM			0	0	2	3	Wind											
		Storm uprooted 7 or 8 trees and flattened a corn field. Described as possibly a small tornado.																		
Moultrie, Colquitt Co.	13	4:35 PM 3/4			0	0	4	0	Tornado											
		Mini-tornado touched down 6 miles southeast of Moultrie. One mobile home destroyed when crushed by large pecan tree. Two other mobile homes with minor damage.																		
Stevens Co.	16	2:30 PM			0	0	4	0	Lightning											
		Fires caused by lightning destroyed a mobile home and a gift shop and damaged the air-conditioner of another business. Damage est. \$30,000. Some wind damage in area.																		
Hogansville, Troup Co.	16	5 PM			0	0	3	0	Wind											
		Winds knocked down power lines and toppled trees in the east side of Hogansville. Roof lifted off the Uniroyal Plant office.																		
Columbus	30	5 PM			0	0	0	0	Wind											
		Gusts to 61 knots at the Columbus Airport. 1/4 inch hail reported in city.																		
Albany	30	7 PM			0	0	5	0	Wind											
		Winds of at least 60 mph blew through Albany. The storm felled dozens of trees, bent steel signs, knocked out utility service in some areas, left live electric wires dangling until morning, and triggered 29 minor fires during a 45 minute period, 6:30-7:15 PM.																		
HAWAII										HAWAII										
1/2 mile off Hilo Airport,	11	7:16a							Funnel cloud											
		Pilot reported funnel cloud.																		

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
IDAHO (continued)									
Riggins Area, Idaho County	25	4:00 p.			0	0	3	3	Flash Flooding
									Squaw Creek and Race Creek were hit by cloudbursts. At least 12 places were washed out on Squaw Creek including fields and gardens covered with mud and boulders. On Race Creek a yard was demolished, a tool shed damaged, and siding torn loose on a house. A Circle C feed lot on Race Creek was covered with boulders and rocks for about 200 feet across.
ILLINOIS									
Cuba	11	10:36pm	?	?	0	1	5	0	Tornado
									An elderly woman was injured as a tornado rumbled through the northern portion of Cuba. Many trees were snapped damaging houses; two mobile homes were destroyed, at least one house was unroofed.
Eastern McDonough and central Fulton counties	11	11-12pm			0	0	5	0	Thunderstorms, wind
									Strong wind uprooted many trees in Smithfield, St. David, Dumfriesline, Bryant, Little America, Lewistown, Ipsava, Industry, Bushnell, Table Grove in eastern McDonough and central Fulton counties. While trees and power lines suffered the bulk of the damage, some homes were also damaged as winds tore off shingles or bent trees tumbling onto the homes.
Lawrenceville	13	6:15am			0	0	3	0	Wind
									Strong winds associated with very heavy thunderstorms damaged roof tops and trees in Lawrenceville.
Beardstown	13	3:40pm							Hail
									Three-quarter inch hail fell at Beardstown during the afternoon's thunderstorms.
Galena	13	10:30pm			0	0	4	0	Wind
									Winds did minor damage to trees and homes in Galena.
Lawrenceville	14	8:30pm			0	0	2	0	Wind
									Thunderstorm-driven winds gusted to 60mph at the Lawrenceville Airport. Only extremely minor damage resulted.
NE Byron	25	5:15pm			1	0	0	0	Lightning
									A 13-year old boy was killed by lightning while picking melons with his father and older brother on the family farm one mile northeast of Byron.
Roscoe	25	evening			0	0	4	0	Lightning
									Lightning completely destroyed a home.
INDIANA									
Kirklin Clinton County	6	3:00 P							Funnel cloud
									Funnel cloud observed to be dangling like a rope from very high cumulus clouds. Traveled northeast and retreated into clouds.
Everton, ERN Fayette County	25	8:20 A	1/2	30	0	0	0	?	Tornado
									Tornado twisted tops off trees and uprooted a few trees. Tornado described as small cut a path on a northeasterly direction and was accompanied by very heavy rain and some hail.
Union County	25	8:30 A			0	0	4	0	Winds
									Strong winds associated with an intense thunderstorm moved through Liberty in Union County. Numerous trees uprooted. Two cars damaged by felled trees. Considerable roof damage done to a house by felled tree. Some power lines down. Soybean fields were flattened by high winds.
IOWA									
East Wapello and west Jefferson Counties	5	6:40 p			0	0	?	?	Severe thunderstorm (Hail)
									Hail the size of golfballs fell throughout much of the area.
Wright, Franklin, Hamilton & Hardin Counties	11	1:25 p			0	0	?	?	Severe thunderstorm (Hail)
									Hail around 1" was common throughout the area.
Near Glidden, Carroll County	11	2:15 p	2	100	0	0	4	?	Tornado/Funnel
									Touched down 1/2 mile west of Glidden destroying farm complex. Lifted and passed over town doing no damage. Last seen as funnel approximately 3/4 mile east of Glidden.
IOWA (continued)									
Polk County	11	4:20 p			0	0	4	?	Severe thunderstorm (Hail, Lightning)
									Storm produced hail around 1" in size; lightning started fire that destroyed a \$12,000 home in Des Moines.
East Audubon, SW 1/2 Guthrie Counties	12	3:30-5:00 p			0	0	?	6	Severe thunderstorm (Hail)
									Hail ranging up to golfball size fell over much of the area destroying between 50-70% of corn and soybean crop in a 30-40 square mile area.
West Dubuque County	12	6:50 p			0	0	?	?	Severe thunderstorm (Hail)
									Hail up to golfball size fell over the area especially in the Dyersville area.
Central Grundy County	13	3:00 a			0	0	4	6	Severe thunderstorm (Hail, Lightning)
									Hail destroyed much of the crops in a 10 square mile area. Lightning started fire, destroyed \$40,000 farm buildings and equipment in the Wellsburg area.
7N Decorah, Winneshiek County	13	7:00 a			0	0	5	0	Lightning
									Lightning started fire, destroyed farm building and contents (\$80,000).
SW 1/2 Hardin County	13	4:30 p			0	0	?	?	Severe thunderstorm (Hail)
									Hail ranging up to 1" size common over the area.
SE 1/2 Lee County	13	5:00 p			0	0	?	5	Severe thunderstorm (Hail, Wind)
									Hail ranging up to golfball size destroyed over 1,000 acres of soybeans and corn along with several large orchards in the area. Winds of around 60 mph were observed in the area.
S 1/2 Monona and N 1/2 Harrison Counties	13	8:50 p			0	0	?	?	Severe thunderstorm (Hail)
									Hail up to golfball size fell over the area.
N Central Mitchell County	13	Evening			0	0	?	4	Severe thunderstorm (Hail)
									Hail up to golfball size fell over the area damaging much of the crops in the area.
Eddyville, Wapello County	24	5:30 p	1	30	0	0	?	?	Tornado
									Touched down just east of town in mostly open fields.
KANSAS									
Johnson County	5	5:25 a			0	0	5	0	Lightning
									House was struck by lightning near Gardner and destroyed by the resultant fire.
Anderson and Linn Counties	5	3:45-7;			0	0	5	?	Lightning, Wind, hail
									Thunderstorms moving southeastward were accompanied by strong winds, heavy rain, and considerable small hail. Damage was to trees, utility lines, and roofs with heaviest around Garnett. Several houses and farm buildings were struck by lightning with minor damage. One house in Pleasanton was ignited by lightning and destroyed by resulting fire.
Butler County	5	4p			0	0	4	3	Hail, wind
									Thunderstorms moving southeastward through the county produced strong gusty winds, local rainfall of 1/2 to 1-1/2 inches, and hail to 3/4 inch in diameter. Damage was to cars, roofs, buildings and row crops.
Norton County	5	8:35 p			0	0	0	0	Hail
									A strong thunderstorm moved rapidly southeastward through the county. Hail to 1-3/4 inches in diameter near Norton caused only minor damage.
Rawlins County	6	8:45 p			0	0	4	4	Hail, wind, rain
									Thunderstorms moving southeastward through the county produced strong gusty winds, hail to 1-3/4 inches in diameter, and local rainfall to 3 inches. Heaviest damage was near McDonald.
Ellis County	7	9 a			0	0	4	0	Lightning
									A crude oil tank battery near Hays was struck by lightning and exploded and burned.
Kearney and Stanton	9	5-6 p	1.5	200	0	0	5	0	Wind
									Strong winds with a squall line moving eastward through the counties caused damage to trees, utility lines, and farm buildings with heaviest damage near Lakin and Johnson City.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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)										
Douglas, Johnson, Shawnee, and Northern Osage Counties	10	5-7:30 p			0	0	4	0	Wind, hail	
									Strong thunderstorms moving eastward were accompanied by gusty winds to 65 mph, hard rain, and hail locally 1 to 1-3/4 inches in diameter near Lawrence and Overland Park. Damage was mostly to trees, utility lines, and roofs by wind. Hail damage was minor.	
Atchison and Doniphan Counties	11	1:45-2:15 p			0	0	4	0	Wind	
									Strong gusty winds with thunderstorms occurred in eastern portions of these counties. Main damage was around the cities of Troy and Atchison and principally to utility lines, buildings, mobile homes and automobiles as the result of falling trees or tree limbs.	
Clay and Cloud Counties	11	5:45-6 p			0	0	4	3	Hail	
									Thunderstorms moving eastward across eastern Cloud and Clay Counties produced local hail of 1/2 to 1-3/4 inches in diameter, mainly near Miltonvale and Clay Center. Damage was to trees, roofs, and row crops.	
Clay, Cloud, Lincoln, Dickenson, Ellsworth, Ottawa and Republic Counties	14	6:30-8 p			0	0	4	4	Hail, wind	
									Strong thunderstorms moving southeastward across these counties were accompanied by gusty winds and local hail. Hailstones to 2 inches in diameter fell at Bellsville. In Ellsworth County hail was 1/4 to 1-3/4 inch diameter near Wilson up to 2-3/4 inches diameter south of Ellsworth. Hail caused considerable crop damage. Wind damage was minor.	
									<u>SPECIAL HAIL SUMMARY</u>	
									Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties:	
									1 Stanton, Stevens	
									6 Thomas	
									13 Wichita	
									14 Clay, Pawnee, Republic	
									24 Washington	
KENTUCKY										
Jefferson Cy	15	2 AM EDT			0	0	4	0	Lightning	
									A thunderstorm moved thru the Louisville area touching off 4 house fires.	
Maysville	15	3 AM EDT			0	0	4	2	Thunderstorm	
									A thunderstorm moved thru the 7 county Maysville area burning one barn to the ground, killing some livestock, and flattening some crops.	
Jefferson Cy	25	8:30 AM EDT			0	1	3	0	Lightning	
									A Louisville woman had 2 of her teeth knocked out as she was struck by lightning while in her kitchen. A neighbors house was also hit by lightning and caught on fire.	
Metcalf Cy	25	1:30 PM EST			0	0	4	4	Thunderstorm	
									Gusty winds destroyed a number of barns, and a farm house being built was destroyed. Hail also flattened a farm house.	
Madison Cy	25	5 PM EST			0	0	3	0	Thunderstorm	
									A thunderstorm moved thru Richmond blowing down a number of trees. Lightning hit a barn which caught on fire and burned to the ground.	
Gallatin Cy	28	2 PM EST			0	0	3	0	Thunderstorm	
									Winds and lightning caused damage to a number of homes in Clercoe.	
Spencer Cy	28	Aftn			0	0	3	4	Thunderstorms	
									High winds blew down a barn at Little Mount. Hail destroyed the tobacco crop on a number of farms.	
Henderson Cy	28	3 PM EDT			0	0	4	0	Thunderstorm	
									High winds collapsed a cat wash in Princeton.	
Marshall Cy	28	5 PM EDT			0	0	4	0	Thunderstorm	
									High winds blew down the screen of the drive-in theatre at Calvert City.	
Madison Cy	28	7 PM EDT			0	0	4	0	Thunderstorm	
									Lightning struck a barn filled with hay and it burned to the ground.	
LOUISIANA										
Plaquemines Parish	12	8:32 AM							Waterspout	
									Waterspout reported over Breton Sound	
Iberia Parish	14	6 PM			0	2	0	0	Lightning	
									Michael and Kirk Rogers were struck by lightning while fishing from a boat on Spanish Lake. Both were hospitalized for minor burns.	
Calcasieu Parish	15	11 AM			0	0	?	0	Lightning	
									The post office at Starks was struck by lightning. The resulting fire destroyed 10 to 15 mail sacks.	
St. Bernard Parish	16	12:30 PM			1	4	0	0	Lightning	
									Bryan Winfield, 14, of Algiers, was killed and four others suffered minor injuries when struck by lightning. The group had been fishing on the banks of Bayou La Loutre near Hopedale.	
Coastal Waters	24	9 AM							Waterspout	
									Waterspout was reported about 15 miles southwest of South Marsh Island. Spout was moving east.	
Iberia Parish	26	Afternoon			0	1	3	0	Lightning	
									An ambulance medic, Paul Proctor, was knocked to the ground and rendered nearly unconscious when a bolt struck the pavement near him. The medic was walking in a ditch at the scene of an auto accident east of New Iberia.	
									Three residences in New Iberia were also struck by lightning bolts that caused minor fires and damage.	
East Baton Rouge Parish	28	Afternoon			1	3	0	0	Lightning	
									LSU student, Albert Duncan, 19, died about five hours after he and several other students were knocked to the ground. The bolt struck in an area where the students were holding a tag-football match.	
St. Tammany Parish	31	6 PM			1	0	0	0	Lightning	
									Gary Villarubia, 22, of Metairie, was killed on Bayou La Loutre.	
MAINE										
Statewide	9-10							5	6	Remnants of Hurricane Belle
										Remnants of Hurricane Belle crossed Maine at night the 9th and during the 10th. Heavy rain varied considerably with more than 5" measured in southern Maine but the heaviest rains reported in the St. John Valley with unofficial reports in excess of 9". Flooding of potato fields with heavy crop losses in potatoes and grains. Widespread washouts damaged roads and bridges. Three storm related traffic deaths.
Wells, York County	13	7-7:30 p	1/4		0	2	5	0	Tornado	
										Thunderstorms swept through southern Maine developed a small tornado that touched down in harbor moved in an easterly direction to land and dwellings on northeast side of the harbor. One house destroyed, several boats tossed about, trees uprooted. Two persons injured and required hospitalization. Other severe thunderstorms reported in southern Maine. A mobile home struck by lightning and destroyed.
										F P P 1 - 1
Madison, Somerset County	14	Late Aftn			1		4	3	Heavy thunderstorm, lightning	
										Severe thunderstorms in western interior Maine with cloudburst at Madison. Two to three inches of rain in 8 hours caused many washouts. One man killed by lightning at Lovell, in Oxford County.
MARYLAND & D.C.										
Talbot and Dorchester Counties	1	1:30 a			0	0	4		Hail, wind	
										Severe thunderstorm moved through the Trappe, Hurlock and Secretary areas, causing damage to homes, trees and especially crops in the area. In Talbot County damage to farm buildings was estimated at around \$4,500. Extensive damage was done to area tomato and soybean crops due mainly to marble-size hail.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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		
MARYLAND & D.C. (continued)										
Worcester County	1	2:00 a			0	5	5	0		Wind, hail, lightning
										Intense line of thunderstorms moved through the area, causing extensive damage as winds gusted between 60 and 80 mph. In Ocean City, several houses had roofs torn off and water damage was reported by several hotels and condominiums. Two were injured when their apartment "blew out" during the storm. Three others were treated for minor injuries when the camper they were in was overturned near Bishopville. In Ocean City a reported 125 automobiles had windshields broken either by hail or flying debris. Two vehicles were blown onto the beach. Exterior wall facings were blown from numerous buildings and the fact that no serious injuries resulted was termed "miraculous" by one official. About 10 utility poles were toppled in the North Ocean City area, cutting off power for three hours. Damage in Ocean City was estimated between \$300,000 and \$500,000.
North Baltimore area	6	5:45 p			0	0	3	0		Wind, rain
										Trees falling on power lines caused loss of electric power to around 5,000 homes in the Covans-Naverly area. Yards and basements of many homes were flooded and several auto accidents reported during the downpour.
Cumberland	7	Mid-afternoon			0	0	2	0		Rain, wind
										Rainfall of approximately two inches resulted in numerous basement floodings; power outages were reported from downed power lines.
Central portion, including District of Columbia	8	Evening			0	0	3	0		Rain
										Heavy rain caused flooding at City Dock, Hillsmere Shores and Bay Ridge areas of Anne Arundel County. Cars were stranded; some county roads partially washed out; and basements flooded. Minor flooding was reported also in the District of Columbia and in its suburbs, earlier in the day.
Hurlock, Dorchester County	8				0	0	3	0		Wind
										Wind damaged a house, downed trees which in turn damaged a small building and two cats.
Southern Eastern Shore	9	Afternoon-evening			0	1	4	0		Hurricane
										Hurricane Belle, moving northward in the Atlantic Ocean, was approximately 60 miles to the east of Ocean City between 5 and 6 PM (EST). The following data were reported at the Ocean City Coast Guard Station, in Eastern Standard Time: Highest sustained wind 50 knots at 5 PM Peak wind gust 60 knots at 5 PM Lowest sea-level pressure 29.56 inches at 6 PM Tides Estimated 4 feet above normal between 5 and 6 PM Storm rainfall (in inches) included: Assateague Island 4.68 Snow Hill 4.21 Pocomoke City 2.82 Salisbury Airport 2.26 Vienna 1.55 1500 persons were evacuated at Assateague Island. Most damage was caused by wind and included damaged signs, blown-off shingled roofs of buildings and downed trees and utility lines. Damage to a recreation complex, under construction at Ocean City, was estimated at \$5,000. Beach erosion was minor. One man was injured, receiving a fractured skull when amusement park equipment, that he was trying to down, toppled and pinned him beneath.
Cecil County	13	9:45 p			0	0	3	0		Lightning
										Small building at a plant west of Elkton was struck by lightning and destroyed by resulting fire.
Calvert County	14	5:30 p			0	0	4	0		Wind, lightning
										Strong winds disrupted electrical service to over 2,000 homes between Sunderland and Huntingtown. Several trees were uprooted and damage to several dwellings were reported. In addition, two barns in the Huntingtown-Prince Frederick area were blown down. A third barn near Barstow was struck by lightning and burned to the ground. Total damage was estimated at \$10,000-15,000 with the major part of this for repair of power facilities and clean-up efforts.
Waldorf, Charles County	14	5:45 p			0	2	4	0		Wind, lightning
										Widespread damage as winds estimated over 50 mph lashed the area. Two-ton trailer was overturned at shopping mall. Two firemen were injured slightly when their fire truck was struck by lightning. Power also interrupted to some 3,500 homes or businesses by lightning striking sub-stations or by falling trees. Lightning set fires to a tobacco barn in Faulkner area, causing an estimated \$4,000 damage.
MARYLAND & D.C. (continued)										
Anne Arundel County	14	6:20 p	1/8	100	0	0	4	0		Tornado
										Tornado, moving from NW to SE, did extensive damage to a town-house project at Crofton News. Eleven town-houses under construction were totally destroyed and one other unit extensively damaged. A two-by-four board was propelled through a wall of one of the houses, and other heavy debris was carried to heights greater than 30 feet. In addition, several large oak trees were either uprooted or snapped in two. Damage was done in a "matter of minutes" and one witness said he saw a possible funnel cloud. Damage was estimated at least \$50,000.
Tilghman Island	14	Evening			0	0	4	0		Wind
										Four boats at Knapps Narrows were torn from their moorings in what witnesses said was one of the worst storms they had ever seen. Damage was estimated at \$7,500 and was caused by the impact of the boats against the bridge.
District of Columbia and portions of Eastern Maryland	15	Afternoon-evening			0	6	4	0		Lightning, wind
										Series of severe thunderstorms first affected the District of Columbia area shortly after 2 PM, forcing a postponement of the PGA golf championship. Other areas of Maryland included Howard, Baltimore, Cecil and Caroline Counties. Lightning set fire to a house in Elliott City around 2:25 PM and to a barn near Ridgeville at 3:41 PM; total damage was estimated less than \$500. In Baltimore County an additional 40 buildings, mostly homes, were struck by lightning; many fires resulted but no major damage was reported. Winds downed many trees and damaged a roof support on a row house in East Baltimore, with bricks shattering first floor windows of the house. Three persons watching boat races at Essex were slightly injured by a nearby lightning strike. Another man was treated in Baltimore for shock after lightning struck an air conditioner that he was leaning against. Several boating accidents were reported because of winds in the Chesapeake Bay and in adjacent streams; however, no injuries were reported. At Denton, a 9-year boy escaped serious injury as lightning striking his home passed through the CB antenna lead he had his hand upon; his left hand was temporarily paralyzed (time of occurrence was 4 PM). The resulting fire burned much of the insulation on the west side of the house and ruined much of the wiring on the back part of the building. In late afternoon more than a dozen cars were struck by a nearly 400-foot long section of irrigation pipe that had been ripped loose by winds. No injuries were reported but at least six cars were heavily damaged. Estimated storm damage was \$35,000.
Washington D. C. metropolitan area	25-27									Air pollution
										Poor atmospheric dispersion conditions prompted the eighth stagnation advisory from the National Weather Service as well as the seventh air stagnation alert issued by the local Council of Governments. These are both record issuances for a given year.
Grantsville, Garrett County	26	4:20 p			0	0	2	0		Lightning
										Lightning strikes resulted in a two-hour power outage. Farm building was also set on fire but little damage resulted because of the heavy rain.
MASSACHUSETTS										
Westrose	1	11:45a.m.			0	0	4	0		Lightning
										Lightning struck a TV antenna and ignited combustibles inside a house.
Whitman	6	7-10p.m.			0	0	3	0		Lightning
										Several lightning strikes on electrical wires blew transformers out.
Statewide	10	All Day			0	1	4	4		Tropical storm Belle
										Hurricane Belle moved up the Mid Atlantic Coast and passed through Central Massachusetts after being downgraded to a tropical storm. Several inches of rain fell in central and western areas but Boston received only one hundredth of an inch of precipitation. Winds gusted to 60 MPH across many statewide locations, but damage was confined to power lines, flooded cellars, automobiles and buildings, as trees were blown down. Many pleasure boats were blown from their moorings impaled upon dock pilings or swamped and sunk. A Montague, MA man was the only reported injury who was critically hurt when a falling tree smashed his moving truck.
Fitchburg	13	9 p.m.			0	0	4	0		Lightning, wind
										Lightning struck a wing at the Burbank Hospital causing a fire. Many trees were blown down. One partially destroyed a large machine shop.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MASSACHUSETTS (continued)									
Haverhill	13	9:45p.m.			0	0	3	0	Lightning
		Two houses were burned out by lightning strikes.							
Framingham	14	1 p.m.			0	0	4	0	Lightning
		A garage, two houses and an appliance store were hit and subsequently partially burned.							
Chelmsford Dracut	14	Mid Aftn.			0	3	0	0	Lightning
		A young man sitting upon a stone wall was knocked to the ground. Two Dracut men were hit while standing in a garage doorway.							
Framingham	14	Afternoon			0	0	4	0	Lightning
		Lightning flashed down into ten buildings causing burnouts.							
Brockton	15	11 p.m.			0	0	3	0	Lightning
		A bolt of lightning passed through the wiring of a clothes cleaning shop causing a minor burnout.							
Bellingham Lynnfield Melrose Milford Reading Wakefield Woburn	29	2:10 p.m.			0	0	4	0	Lightning
		13 houses were struck by lightning all of which were damaged - the one in Woburn seriously.							
Westford	29	Afternoon			0	6	0	0	Lightning
		A strong cloud to ground bolt injured six people who were widely separated across a large fair ground.							
MICHIGAN									
Escañaba area in the Upper Peninsula and an area west of White Cloud, Ewart & Petoskey in NW Lower Peninsula	11-12 evening & early morning				0	0	5	C	Thunderstorms
		55 mph winds, heavy rains, lightning and 3/8" hail moved through area. Winds and falling trees smashed two cottages, boat house, boat and an automobile at Bass Lake in Mason County. Trees and power lines down in Traverse City, Cedar, Mears and Hart. Streets flooded in Escañaba and Traverse City. Roads washed out in Grand Traverse County. Standing rain water collapsed a school gym roof in Traverse City. Rain amounts measured 1.45 inches at Escañaba to 2.91 at Whitehall. Small hail damaged the McIntosh apple crop near Shelby. Lightning struck a home in Kingsley and caused a snowmobile fuel tank to explode in Hesperia. Lightning and waterspout listed below are part of this storm.							
NW Leland, Lake Michigan	12	8.15p EST							Waterspout
Tustin, Osceola Co.	12	5a			0	0	4		Lightning
An area south & E. of Coldwater, Lansing & Port Huron	13	afternoon			0	0	5		Thunderstorms
		Brief heavy rains flooded two of Detroit's freeways and caused a mud slide on a third. Cars were stranded everywhere as up to 11 feet of water covered some surface streets. Raw sewage and oil overflowed treatment plant into Rouge and Detroit Rivers. Lightning struck a large Detroit area hospital, knocked down power lines and set fire to a barn in Grass Lake. 7,000 customers were left without power in Detroit and its suburbs and another 400 were out of service in Brest Bay, Dundee and Temperance in Monroe Co. Hail and lightning reports listed below are part of this storm.							
Warren, Macomb Co.	13	afternoon			0	0	0		Hail
Hillsdale, Hillsdale Co.	13	2.30p EST			0	1	4		Lightning
		Struck electrical service line of a home, melting the washing machine, blowing a porch fixture off the wall & knocking the person inside across the living room. Fire extensively damaged the home and its contents.							
MICHIGAN (continued)									
Area bounded by Marquette, Escanaba, & Manistique	17	afternoon			0	0	0	C	Lightning
		Cloud to ground bolts sparked forest fires in several isolated wooded areas. One of these fires became the Seney fire which burned out of control for more than 3 weeks and destroyed 70,000 acres of forest.							
Area N. of Grand Rapids, Jackson & Saginaw	1-29				0	0	0	C	Drought & Hot Dry weather
		Hay, corn, and bean crops 15 to 50 percent damaged. Dry hot weather hurt corn pollination and limited hay harvests to one cutting. Hardest hit counties were Alpena, Montmorency, Antrim, Charlevoix, Otsego, Cheboygan, Midland, Emmet, Gratiot, and southern Incom.							
Area S. & W. of Battle Creek, Greenville & Bay City.	26	afternoon			0	0	5	C	Thunderstorms
		Strong winds, heavy rains, hail and lightning skipped through the area. Winds ripped a huge metal panel off a sports stadium in Pontiac and shredded part of the canvas roof. Store windows were blown out and a school building suffered roof damage in Byron. Several docked boats were blown over and damaged on Fenton Lake in SE Genesee County and trees and power lines were down in Mt. Clemens and Durand. 55 MPH gusts were recorded at both Port Austin and at Pontiac Apt. Heavy rains flooded Ionia streets and basements. Lightning struck two homes in Ionia and set fire to the attic of one home in Clawson. 9,000 homes and businesses were without power in Detroit's northern suburbs due to lightning. Hail badly damaged pepper, tomato, cabbage and corn plants between Laingsburg and Owasco in Shiawassee County. Lightning reports listed below are part of this storm.							
Linden, Genesee Co.	26	4.10p EST			0	0	4		Lightning
		Set two homes afire. One home sustained \$32,000 damage.							
Mesick, WEXford Co.	26	2.30p EST			0	2			Lightning
		Two people were struck and treated for shock.							
Petoskey, Emmet Co.	28	2.15a EST			0	0	4		Lightning
		Struck a large garage containing an automobile, dune buggy, snowmobile and a garden tractor. Contents and garage destroyed by fire. Two other buildings nearby damaged.							
Area N. of Newaygo & Saginaw & S. of Kalkaska & Standish	31	evening			0	18	5	C	Thunderstorms
		Strong winds and hail tore through the area. Hardest hit was a corridor from Ludington in Mason Co. ESE to Sanford in Midland Co. In this area many large trees were blown over or ripped out by the roots falling on homes, cars and roadways. Two mobile homes, one at Chase and another near Hersey were destroyed when winds blew them over. Barn and silo complex in Mt. Pleasant and two large wooden barns near Chase flattened. Warehouse roof ripped off and blown 200 feet and garage destroyed in Ludington. A car was blown off the road near Paris. Winds of 65 MPH were recorded at Ludington and 70 MPH at Mt. Pleasant. Hail damaged bean and apple crop in Saginaw County and bean and corn fields in northern Isabella Co. Most of the injuries were minor and occurred in Chase, Reed City and Hersey areas. Funnel cloud and hail reports listed below are part of this storm.							
4N Scottsville, Mason Co.	31	7p EST							Funnel cloud
Luther, Lake Co.	31	evening							Funnel cloud
		Seen over town							
3N Baldwin, Lake Co.	31	evening							Funnel cloud
Chase, Lake Co.	31	evening							Funnel cloud
		Seen over Chase							
Stanwood, Mecosta Co.	31	8.30pEST							Funnel cloud
		Sighted passing over Stanwood							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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)										
1SW Paris, Mecosta Co.	31	8:00p EST								Funnel cloud
		Reported at the intersection of 220th Ave. and 22 Mile Road.								
Clare & Isabella Co.	31	evening			0	0		C		Hail
		3/4 to 1 1/2 inch hail fell in a west to east swath from Farwell to just south of Clare.								
Sherman, Isabella Co.	31	8:45p EST			0	0		C		Hail
		One inch hail reported.								
Hersey, Osceola Co.	31	evening			0	0	3			Hail
		Half-dollar size hail broke a number of windows.								
MINNESOTA										
Lake Lillian Kandiyohi County	4	4:00 pm	?	?	0	0	5*	4*		Wind
		Winds up to 80 mph uprooted trees, demolished outbuildings, and blew down a flagpole -- trailer house blown into ditch and demolished cosmos vicinity. *estimated								
Milaca SW Mille Lacs County	4	4:30 pm	?	?	0	0	4*	0		Lightning
		Barn destroyed by lightning strike, 2 calves and 2500 bales of hay lost. *estimated								
Montevideo 10 NE Chippewa County	4	5:00 pm	?	?	0	0	4*	0		Wind
		Winds in excess of 70 mph destroyed farm outbuildings -- mobile home damaged -- some roof damage. *estimated								
Waconia Carver County	4	5:30 pm	?	?	0	0	4*	0		Wind
		Wind in excess of 60 mph destroyed high school bleacher sections -- wood fence of baseball field partially damaged. *estimated								
Mpls. St. Paul Henn-Ramsey Counties	4	6:00 pm	?	?	0	0	5*	0		Lightning-Wind
		Winds in excess of 50 mph and intense lightning caused numerous power outages. 60,000 power failures in metropolitan area including 50,000 in St. Paul and suburbs. Many St. Paul homes and business without power 12 to 16 hours -- numerous felled trees -- fire and water damage to Minneapolis townhouses due lightning strike -- radio transmission tower downed by lightning. *estimated								
Springfield 3 SW Brown County	4	7:00 pm	2 1/2	1*	0	0	4*	4*		Hail
		Hail up to baseball size shattered 80 windows on farm home and buildings, and penetrated roof of newly shingled barn -- tractor broken -- some tree and crop damage. *estimated								
Fosston 7 1/2 NW Polk County	9	7:20 pm	?	?	0	0	4*	0		Lightning
		Lightning struck barn burned to ground. *estimated								
Grand Marais 30 NW St. Louis County	9	9:00	?	?	2	0	0	0		Lightning
		Two young Mounds View men killed by lightning at campsite.								
Lake Benton 3 NW Lincoln County	10	7:00 pm	?	?	0	0	5*	0		Lightning
		Barn and 2,000 bales of hay and straw destroyed by lightning strike. Silo and contents adjacent to barn lost due intense heat of flames. *estimated								
Chokio-Alberta-Morris Stevens County	10	8:00 pm	12	2-5*	0	0	6	6		Hail, Wind
		Winds in excess of 50 mph and hail to 3/4 inch caused widespread damage to soybeans, corn, sunflowers and other small grain crops -- extensive tree and roof damage in both rural and village areas.								
Redwood County	10	8:00 pm	?	?	0	0	5*	5*		Wind, Hail
		County-wide winds in excess of 70 mph damaged or destroyed farm-homes and outbuildings -- 500 bales of hay and some tools also destroyed by fire -- corn and bean crops, trees, and some gardens damaged due half inch hail and wind. *estimated								
Marshall Vicinity Lyon County	10	8:00 pm	?	?	0	0	5*	0		Wind
		Wind in excess of 70 mph downed power lines, interrupting city power for 6 hours or more -- windows, ceiling tile and copper roof decks of university buildings damaged -- two steel tanks weighing 10 tons apiece blown from stands -- large fiberglass cover blown off loading leg -- door frame moved 5 inches under wind pressure -- 60 by 100 foot warehouse destroyed -- 1w garages destroyed at apartment complex -- extensive water damage to soft goods company and electronics installation -- considerable tree and roof damage throughout city. *estimated								
MINNESOTA (continued)										
Chokio-Morris Stevens County	10	8:15 pm	25*	5 1/2	0	0	6	6		Hail-Wind
		Golfball size hail and winds in excess of 70 mph toppled trees and small buildings, smashed windows, ripped fences, and destroyed crops-electricity knocked out -- some livestock and numerous birds killed -- gardens ruined by ankle deep hail. *estimated								
Wabasso area Redwood County	11	8:30 pm	?	?	0	0	5*	0		Wind
		Winds in excess of 70 mph destroyed barn-car port and other farm outbuildings -- many trees damaged. *estimated								
Cosmos-Hutchinson Meeker-McLeod Counties	11	9:00 pm	?	?	0	0	5*	5*		Wind-Lightning
		Winds in excess of 50 mph destroyed trailer home and damaged farm outbuildings -- temporary power outage -- some corn and bean crop damage -- barn burned to ground due fire from lightning strike -- some tree damage. *estimated								
Anoka-Coon Rapids Anoka County	11	11:00 pm	?	?	0	0	5*	0		Wind
		Winds clocked to 80 mph pulled off church roof -- blew down tool shed -- overturned camper -- city flagpole bent at 45 degree angle -- many trees down causing some roof damage -- numerous power lines down resulting in outages. *estimated								
Elk River Sherburne County	10	11:00 pm	?	?	0	0	4*	0		Lightning
		Church completely gutted by fire from lightning strike. *estimated								
Warren Marshall County	26	10:27 pm	?	?	0	0	4*	0		Wind
		Winds from 50 to 70 mph blew down drive-in movie screen -- some damage to buildings. *estimated								
August Funnels (NAWAS)										
		Date	CST	County	Remarks					
		4	8:48 pm	Jackson	near Heron Lake					
		26	10:27 pm	Marshall	just north Warren					
		31	2:30 pm	Goodhue	near Red Wing					
MISSISSIPPI										
AW Brandon, Rankin County	1	3:15 PM			0	0	3	?		Wind
		A roof on a mobile home was blown off and several trees were uprooted.								
SSE Incedale, George County	1	Afternoon			0	0	3	?		Wind
		Strong thunderstorm winds unroofed a barn, uprooted a tree and broke limbs off others.								
SNW Meridian, Lauderdale County	16	1:55 PM			0	0	4	?		Wind
		One mobile home was completely destroyed by thunderstorm winds. Trees were uprooted, power lines downed, several metal sheds were damaged or destroyed, and a swing set was wrapped around a tree.								
Natchez, Adams County	21	5:00 PM			0	0	4	?		Wind
		Thunderstorm winds blew the roofs off two houses, broke the tops out of several trees, and downed power lines.								
Tupelo, Lee County	25	4:10 PM			0	0	2	?		Heavy Rain
		Over three inches of rain fell causing only minor damage. 3.30 inches fell between 5-7 PM.								
Hinds/Rankin Co.'s	28	1-3 PM			0	0	3	?		Heavy Rain/ Lightning
		2-3 inch rains were reported in the Jackson, Edwards, and Pearl causing some minor flash flooding. Lightning struck 2 houses in Jackson resulting in minor damage.								
6 S Gulfport Harrison County	27	7:00 PM	?	?	0	0	0	0		Waterspout
		Two waterspouts reported by pilot.								
Tylertown, Walthall County	28	24 hour period			0	0	?	?		Heavy Rain
		Twenty-four hour rainfall measured 4.45 inches.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
MISSOURI									
Chillicothe, Livingston County	5	7:45p	?	?	0	1	4	0	Windstorm
Three mobile homes were damaged and one person received a minor injury. One trailer was toppled into the others.									
Macon, Knox and Lewis Counties	10	6-7p	?	?	0	0	6	0	Sev. Thunderstorm
Two severe thunderstorms, one about 25 miles northeast of the other, moved east-northeast through these counties toppling trees and causing various minor structural damage. Much of the damage came from trees falling on homes, cars and power lines. Gusts to 80 miles per hour were reported at Macon and considerable damage occurred just south of Edina and in LaBelle where nearly every street in town was blocked by fallen trees and limbs. Near Atlanta windows were blown out, power lines were downed and path of trees knocked down.									
Chillicothe, Livingston County	11	1a	?	?	0	0	4	0	Sev. Thunderstorm
A severe thunderstorm struck the same mobile home court as the aforementioned damage in Chillicothe overturning a mobile home and tossing the occupants around inside it. No injuries were sustained, however.									
Raytown, Jackson County	10	6:15a	?	?	0	0	?	0	Hailstorm
An off-duty Weather Service employee reported two-inch hail.									
Tarkio, Atchison County	11	5:45p	?	?	0	0	?	?	Hailstorm
Golfball sized hail was reported.									
South St. Louis and N. Jefferson Counties	13	7:50p	?	?	0	0	?	?	Hailstorm
Golfball sized hail was reported by the public.									
Sikeston, Scott County	14	9:15p			0	5	0	0	Lightning
Five people were injured, three hospitalized when they were struck by lightning at the rodeo grounds. All five were standing in the parking lot when they were hit. One person had to be revived by mouth-to-mouth resuscitation.									
Statewide								8	Drought
Reports are beginning to filter in concerning crop losses across the state. Rain for the period June through August has been well below normal for most of Missouri with much of the north and central sections experiencing drought conditions. On the other hand, south and southwest sections had abundant rains. For the months of June, July and August normal rainfall ranges from 11 inches in eastern portions of Missouri to about 14 inches in the northwest. Actual rainfall ranged from a scant two inches in central portions to sixteen inches in south-eastern Missouri. Three-month rainfall totals include: Springfield 12.45; St. Louis 5.87; Kansas City 6.61 and Columbia 2.24. Columbia has had less than one half inch of rainfall during July and August.									
MONTANA									
Billings	2	3:15 p.- 3:18 p.							Funnel aloft
A funnel cloud was observed by WNS personnel West-Northwest of the Billings Airport.									
Glacier National Park	6	7:00 p.			0	2	?	?	Wind
Two visitors to the Glacier National Park (Fish Creek Campground) were injured when struck by the top of a tree, which snapped off during a heavy thunderstorm.									
Custer, Prairie, Fallon, and Wibaux Counties	6	10:00 p.- midnight			0	0	4	4	Wind
High winds associated with scattered thunderstorms damaged farm structures and utility lines. Wind gusts to 58 mph reported at the Miles City Airport.									
Big Horn County	7	9:00 p.- 11:00 p.			0	0	?	?	Hail
Hailstones slightly larger than golf balls damaged crops and also caused extensive damage to cars and property.									
Hill County	15	5:00 p.- 7:00 p.			0	0	4	5	Hail
A large thunderstorm moved south and west of Havre. The hail path was 1 mile wide and 35 miles long. Approximately 2,000 acres of Spring Wheat was damaged.									
MONTANA (continued)									
Flathead County	25	afternoon			0	0	?	5	Wind
About 2.7 million board feet of timber was damaged by a blowdown in the Flathead National Forest. The area of the blowdown was a narrow path covering approximately 700 acres. Most of the trees damaged were merchantable timber.									
NEBRASKA									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
NEVADA									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
NEW HAMPSHIRE									
Statewide	9	Night					4	3	Remnants of Hurricane Belle
Remnants of "Belle" moved across state with heavy rains and some wind damage. Power outages due to tree damage. Water damage from heavy rains to roads and flooded cellars. Hampton Beach evacuated as a precaution. Heavy seas with many boats sunk or damaged.									
Southern-Central	13	Evening					5	4	Thunderstorms
Line of thunderstorms moved across the state late in the day. Heavy rains, 1/2 inch hail, wind damage. Heaviest activity from Hinsdale to Westmoreland in Cheshire County. Severe storm at Kensington. Major power outages. Many fires with severe lightning activity. One traffic related injury.									
Tamworth, Merrimack County	15	5 pm	1/2	15			3	0	Tornado
Funnel cloud touched down, moved through a wooded area, blew down 20 trees, crossed a lumberyard, overturned flatbed trailer, and tossed lumber around. Funnel cloud reported later in the evening near Chocoma. Heavy rain reported at Windsor. Major washouts reported.									
NEW JERSEY									
Coastal Sections	9 10				0	0	6	6	Hurricane Belle
At 10 p EDT, Hurricane Belle was moving toward the North at 25-30MPH and about 50 miles east of Atlantic City. Highest winds near the Center were 100 MPH and Hurricane Force Winds extended out 50 miles from the Center. Gales extended out 125 miles to the East and 100 miles to the West of the Center. Fastest one minute wind speed was NNE 35 Kts. and Peak wind of NNE 54 Kts at Atlantic City. 3.00 inches of rain was reported from Atlantic City Airport. There were no storm related deaths or injuries. Beach Erosion was relatively minor. One dune breached in Cape May. Property damage estimated to be 1 to 2 million dollars with additional crop damage estimated to be several million dollars.									
NEW MEXICO									
AREA AROUND CLOVIS, CURRY COUNTY, AND PORTALES, ROOSEVELT COUNTY	2-3	LATE EVENING THROUGH THE NIGHT			0	0	4	?	HEAVY RAIN, FLOODING
THUNDERSTORM COMPLEX BEGAN DEVELOPING AROUND 9 PM AND CAUSED HEAVY RAIN INTO THE DAYLIGHT HOURS. RAIN MEASUREMENTS RANGED UP TO 5 INCHES. EXTENSIVE STREET AND UNDERPASS FLOODING IN BOTH CITIES AND SOME DAMAGE TO HOUSES. FUNNEL CLOUD REPORTED NORTH OF CLOVIS EARLY IN THE STORM PERIOD.									
NEAR SAN MATED, MCKINLEY COUNTY	19	12:30P.			0	0	0	0	FUNNEL CLOUDS
FUNNEL CLOUDS OBSERVED FOR 15 MINUTES OVER REMOTE AREA.									
CORRALES, SANDOVAL COUNTY	19	LATE AFTERNOON			0	0	5	4	FLASH FLOOD
HEAVY LOCALIZED THUNDERSTORM RAINFALL OVER WATERSHED OF LOS MONTAÑAS ARROYO SENT FLASH FLOOD DOWN NORMALLY DRY ARROYO TO POOL AGAINST IRRIGATION STRUCTURE. RESULTANT LAKE FLOODED MANY HOMES AND SMALL FARMS IN NORTH PART OF CORRALES. PEAK FLOW ESTIMATED AT 11,000 CFS. RESIDENTS SAY FLOODING WAS THE WORST IN 100 YEARS.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
NEW YORK COASTAL	9-10				1	1	7	7	Hurricane, Belle
Nassau & Suffolk Counties	Hurricane Belle made landfall in the vicinity of Long Beach (Nassau County) sometime between 12:30 and 1:00a EDT, August 10. At mid-the storm was located about 15 miles South of Long Beach and moving North at 25 - 30 MPH. Highest winds near the Center were 90 MPH and Hurricane Force Winds extended out 50 miles from the Center. Gales extended out 125 miles to the East and 100 miles to the West of the Center. There was no Breaches of the barrier islands. However, there were 5 washovers (2 on Fire Island, 1 at East Hampton, 1 at West Hampton and 1 in the area of Reynolds Channel). There were no reports of significant Beach Erosion. Suffolk County officials estimated Crop damage near 12 million dollars. The damage was caused largely by salt spray. Also, officials estimated Property damages near 10 million dollars in Nassau and Suffolk Counties. One death and one injury was attributed to the Storm.								
NEW YORK CENTRAL									
AREAWIDE OVER THE HUDSON VALLEY	9-10	1800-0900			0	0	6	5	WIND AND RAIN
	FRUIT CROPS WERE DAMAGED AS WELL AS TREES AND POWERLINES DOWNED BY STRONG WINDS AND LOCAL FLOODING, RELATED TO HURRICANE BELLE. Poughkeepsie reported winds to 46 MPH AND 4.24 INCHES OF RAIN.								
CLINTON CORNERS DUTCHESS COUNTY	14	2100			0	2	4	°C	THUNDERSTORM
	ONE HOME WAS REPORTED TO HAVE EXTENSIVE DAMAGE BY FIRE CAUSED BY LIGHTNING AS WELL AS DAMAGE TO TREES AND POWERLINES IN THE AREA FROM WIND AND RAIN.								
MEREDITH, DELAWARE CO.	26	1400			0	0	4	°C	THUNDERSTORM
	A HOUSE WAS COMPLETELY DESTROYED BY LIGHTNING CAUSED FIRE.								
ELLISBURG, S. JEFFERSON COUNTY	28	2200			0	0	4	°C	THUNDERSTORM
	LIGHTNING AND STRONG WINDS CAUSED DAMAGE TO TREES AND POWERLINES AS WELL AS ONE MOBILE HOME COMPLETELY DESTROYED.								
NEW YORK WESTERN									NONE REPORTED
NORTH CAROLINA									
Craven County	1	3:20 PM			0	0	5		Thunderstorm
	A thunderstorm with winds up to 85 mph and golf-ball size hail hit the Airport at New Bern. Four aircraft had at least \$50,000 damages.								
McDowell County	8	Evening			1				Lightning
	A man was killed by lightning near Marion while unloading his car. The bolt hit a walnut tree and jumped to his body.								
Outer Banks	9					4			Hurricane
	Hurricane "Belle" moved north past the Outer Banks. Highest winds on shore of 75 mph were recorded at Cape Hatteras. Some minor beach erosion and other minor damage to utility lines and buildings. Some minor flooding reported.								
Reidsville	13					4			Thunderstorm
	Stormy winds in a thunderstorm damaged trees and buildings in the Reidsville area.								
Davidson County	14	Afternoon					4		Thunderstorm
	A thunderstorm with hail and high winds damaged about \$40,000 of tobacco near Thomasville.								
Forsyth County	14	Afternoon					5		Thunderstorm
	A thunderstorm with hail and high winds damaged about \$90,000 of tobacco near Kernersville.								
Buncombe County	14	4:30 PM			1				Lightning
	A man was killed near Leicester by lightning when he was putting a tarpaulin over the bed of his truck.								
Caswell County	14	3:00 PM				4	4		Thunderstorm
	Lightning, winds and hail damaged trees, tobacco, utility lines and some buildings in the Yanceyville area.								
Rocky Mount	14	4:00 PM				4			Thunderstorm
	Lightning, winds and hail damaged trees and utility lines. Heavy rainfall produced some street flooding. Golf-ball size hail fell in the Englewood area.								
Davie County	15	4:30 PM			1				Lightning
	Man killed by lightning near Mochsville when he was driving cows.								
Brunswick County	16	2:30 PM				3			Tornado
	A tornado touched down briefly in Calabash damaging some trees, roofs and signs.								
New Hanover County	21					4			Flooding
	Heavy rains from the remnants of Hurricane "Dottie" flooded parts of Carolina Beach up to 5 feet.								
NORTH CAROLINA (continued)									
Yadkin County	23	3:00 PM					1		Lightning
	A man was injured by lightning near Center as he stood near his truck.								
Cleveland County	28					2	4		Lightning/Thunderstorm
	A thunderstorm with lightning and heavy rains hit Shelby, 2 boys were injured by lightning while wading in flooded streams. Lightning started several fires and electrical systems were damaged.								
NORTH DAKOTA									
Bowman	8	10:40 pm	-	-	0	0	0	0	Wind storm
	Sixty mph winds.								
Kindred	8	10:00 pm	-	-	0	0	0	0	Hail storm
	One-half to 3/4 inch hail.								
24NW Sharon	9	7:50 pm	-	-	0	0	0	0	Hail storm
	Golf ball size hail.								
Wheatland and Gardner	9	9:55 pm	-	-	0	0	0	0	Wind storm
	Fifty to sixty mph winds.								
2S Harwood	10	6:15 pm	?	?	0	0	0	0	Tornado
	No damage.								
10SE Casselton	10	6:20 pm	-	-	0	0	0	0	Funnel cloud
SE Maddock	12	4:25 pm	?	?	0	0	0	0	Tornadoes (2)
	Weather Modification pilot reported two tornadoes on the ground.								
4E Roseglen	16	3:00 pm	-	-	0	0	2	4	Heavy rain, hail and flash flood
	Estimated over 4 inches of rain at Mike Haugen farm. Swathed grain washed away. Rain gauge broken by 1 to 1-1/2 inch hail. Trees completely stripped and crops a total loss.								
2ESE Roseglen	16	3:00 pm	-	-	0	0	0	0	Heavy rain storm
	Over 4 inches measured.								
2S Roseglen	16	3:00 pm	-	-	0	0	0	0	Heavy rain storm
	Three and thirty hundredths inches measured.								
4N White Shield	16	Late pm	-	-	0	0	0	0	Heavy rain and flash flood
	Three and fifty hundredths inches measured at Ernest Giffey farm. Water running over highway.								
1-1/2SE White Shield	16	Late pm	-	-	0	0	0	0	Heavy rain storm
	Two inches measured.								
3/4E White Shield	16	Late pm	-	-	0	0	0	0	Heavy rain storm
30SW Minot	16	8:00 pm	-	-	0	0	0	0	Wind and hail storm
	Wind gusts to 75 mph with 1/2 inch hail.								
4WN Emmet	16	8:00 pm	-	-	0	0	1	0	Heavy rain and hail storm
	Estimated 2 to 3 inches of rain in 4 hours. Rain gauge broken by 1/2 to 3/4 inch hail.								
4NW Emmet	16	8:00 pm	-	-	0	0	1	0	Heavy rain, hail and flash flood
	Estimated over 3 inches of rain. Flash flooding occurred with water at least 4 feet over the top of the road. Rain gauge broken by 1/2 inch hail. Ground white.								
7SE Roseglen	16	8:55 pm	-	-	0	0	0	0	Hail storm
	One and three-fourths inch hail.								
5E Roseglen	16	10:30 pm	-	-	0	0	3	0	Heavy rain and hail storm
	Three and twenty-five hundredths inches of rain fell, the majority in a one-hour period. Hail was golf ball size and larger and continued for over an hour causing extensive damage to buildings.								
3N Amenia	19	3:55 pm	.5	15	0	0	5	0	Tornado
	Three buildings destroyed on Gary Iverson farm. Power lines downed in vicinity.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
NORTH DAKOTA (continued)											
SME Amenia	19	5:00 pm	1	15	0	0	4	0			Tornado
		Chimney taken off house on Frank Cramer farm. Roof taken off storage shed. Vacant farm down the road also sustained some damage.									
Chaffee	19	5:15 pm	.3	20	0	0	3	0			Tornado
		Large trees taken down and limbs to one foot in diameter broken. Tops of trees appeared to be twisting in a circle at the time. Doors from a grain elevator were blown about 100 yards away. Power lines were down.									
4W Arthur	19	5:30 pm	.3	15	0	0	5	0			Tornado
		Machine storage shed on Allen Steffes farm destroyed. Livestock storage shed and barn damaged. Considerable damage to machinery.									
Churches Ferry	26	4:30 pm	?	?	0	0	0	0			Tornado
		No damage.									
Devils Lake	26	5:15 pm	-	-	0	0	0	0			Wind and hail storm
		Marble size hail with winds over 60 mph.									
OHIO											
N. Robinson, Crawford County	13	12:23 a			0	0	5	0			Lightning, Rain
		Thundershowers moved through North Central Ohio. There were several lightning strikes and resultant fires. Localized heavy rains caused some minor urban flooding. 95% of the damage was due to lightning and 5% due to flooding.									
Northern and Eastern Ohio	13	6-10 p			0	0	0	0			Rain, Wind, Lightning
		Thunderstorms in these areas were accompanied by heavy rains, gusty surface winds, and severe lightning. 1/2 to 3/4" hail was reported in Lakemore just southeast of Akron. There were numerous reports of utility lines and trees being downed. Heavy rains produced urban flooding and several fires were started by lightning strikes.									
Wellston, Jackson County	14	6:00 a			0	0	4	0			Lightning
		An early morning thundershower moved through the city, and a lightning strike ignited a fire in a home. There was \$55,000 damage to the house and a woman died as a result of the fire.									
Walton Hills, Cuyahoga County	28	7:30 a			1	3	1	0			Lightning
		A sudden thundershower moved across a golf course with lightning striking a grove of trees where golfers were seeking shelter. A 17-year old boy was killed and his three companions were injured when the lightning struck the trees.									
OKLAHOMA											
Oklahoma City, Oklahoma County	1	4:30p.-5:45p.			0	0	5	0			Lightning
		Two residences and a business were destroyed by lightning.									
Yukon, Canadian County	1	5:15p.			0	0	4	0			Wind
		The roof of an apartment complex in northeast Yukon was heavily damaged. Nearly all cars in the complex parking lot were damaged by flying gravel and one car was blown across the parking lot into other parked cars. A camping trailer was flipped over and pushed through a fence. The plate glass window of a car dealership was blown inward damaging several showroom cars.									
Thomas, Custer County	1	7:35p.			0	0	4	0			Wind
		The feed mill of a grain elevator was heavily damaged by strong winds.									
Near Stroud, Lincoln County	2	1:35a.			0	0	4	0			Lightning
		A lightning-set fire completely destroyed a residence about 15 miles north of Stroud in the northeastern corner of Lincoln County.									
Near Perry, Noble County	2	4:30a.			0	0	4	0			Lightning
		Eight head of mixed-breed cattle were killed when they were struck by lightning. The cattle were in a pasture southeast of Perry.									
Duncan, Stephens County	4	9:30a.			0	1	2	0			Lightning
		Lightning struck the outside of a house and then entered the electrical system of the house. A woman was injured when the lightning apparently jumped from an electrical outlet to her.									
OKLAHOMA (continued)											
Western Canadian County	5	4:10p.			0	0	0	2			Hail
		Hail up to golfball size fell over the western portion of Canadian County.									
Enid Area, Garfield County	5	4:20p.			0	0	3	4			Hail, lightning
		Hail ranged from marble to golfball size. The electrical system and appliances of a home were damaged when lightning apparently struck the electrical wires leading into the house.									
Near Enid, Garfield County	5	4:30p.			0	0	0	3			Hail
		Hail ranging from marble to golfball size fell about 20 miles west of Vance Air Force Base.									
Enid Area, Garfield County	5	4:45 p.			0	0	3	3			Hail
		Hail ranged up to 1 3/4 inches in diameter.									
Near Jefferson, Grant County	5	5:05p.			0	0	4	0			Lightning
		A large barn and contents were destroyed by a lightning-set fire.									
Clinton, Custer County	5	6:30p.			0	0	4	0			Wind, hail
		A strong windstorm caused considerable damage in the Clinton area. Two trailers were overturned. One was totally demolished and the other one was only moderately damaged. A parked semi trailer was flipped over. A car wash was totally destroyed. Falling tree limbs damaged electric, phone and cable TV lines. A few business and residential roofs were damaged by marble to 3/4-inch hail which accompanied the storm.									
Foyil, Rogers County	5	9:15p.			0	1	0	0			Lightning
		A 13-year-old girl was struck by lightning while standing just inside the back door of her home. Artificial respiration applied by a law enforcement officer is credited with saving the girl's life.									
Lindsay Area, Garvin County	6	1:50a.			0	0	4	0			Lightning
		A lightning-caused fire completely destroyed a home 5 miles south of Lindsay. Strong winds accompanying the storm caused damage to antennas, power lines and a truck.									
Cushing Area, Payne County	12	6:20p.			0	0	4	0			Wind
		Strong thunderstorms caused damage in a rural area northwest of Cushing. Two barns and a small grainary were destroyed. A third barn was damaged and a windmill was turned over. A mobile home received minor damage.									
Willard Area, Harper County	14	8:30p.			0	0	0	4			Hail
		One hundred acres of registered alfalfa seed crop were destroyed by hail just as the crop was about to be harvested. A ripening field of milo was heavily damaged by hail and other crops were damaged to a lesser extent.									
Guyton Area, Texas County	15	5:35 p.			0	0	0	5			C Hail
		Hail ranging from marble size to 1 3/4 inches in diameter caused damage to approximately 500 residences. About one-third of the community was damaged or affected by the storm.									
Oklahoma City, Oklahoma County	24	9:10p.			0	0	5	0			Lightning
		A large home and contents were destroyed in a lightning-caused fire.									
OREGON											
Morrow County	2	PM			0	0	3				Road damage due to flash flood.
Grant County	6	AM			0	0	3				Road damage due to flash flood.
PACIFIC											
											NONE REPORTED

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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	
PENNSYLVANIA EASTERN									
Lancaster and Chester Counties	6	3 - 6 PM EDT			0	0	4	3	Heavy Rain, Wind Electrical, Hail
A thunderstorm traveling across the counties was accompanied by strong winds and lightning which downed trees, tree limbs and power lines causing power outages to over 2000 customers. The heavy rain caused some stream and roadway flooding and combined with the hail to cause some crop damage. The storm conditions caused dozens of automobile accidents with three injuries in one accident.									
Delaware, Phila., Bucks, Chester, Montgomery Counties	9-10	5 PM to 5 AM EDT			0	0	4	0	Hurricane Belle
Hurricane Belle traveling north, just off the New Jersey Coast, caused strong winds and heavy rains. The winds knocked down tree limbs and caused power outages to over 7000 customers. Rain which totaled about one and one-half inches caused some minor flooding.									
Bradford, Union, Snyder, Perry, Northumberland, Cumberland, Montgomery, Lebanon, Tioga, Berks, Bucks, and Chester Counties	13	4 PM to 12 PM EDT			0	0	5	4	Electrical, Wind, Heavy Rain, Hail
Strong wind gusts and lightning accompanying thunderstorms downed trees, tree limbs and utility lines. Over 8,000 customers experienced power outages. The downed trees and tree limbs also fell on houses and automobiles with one house, and at least one automobile extensively damaged. Lightning struck a number of buildings and started some fires with one barn burning down, causing the loss of considerable grain and hay. Wind also blew off a second floor enclosed porch which landed on an automobile. Heavy rain caused considerable stream roadway and basement flooding in a few areas. One quarter inch hail fell in Cumberland County and marble-size hail fell in Tioga County and near Shamokin, Northumberland County. The hail caused considerable damage to grapes in Tioga County. Thunderstorms also occurred on Friday, August 12, and Sunday, August 14, but only caused minor damage.									
Lehigh, Carbon County	26	2:30 PM to 3 PM EDT			0	1	4	0	Wind, Heavy Rain, Electrical
Heavy rain and wind produced by a thunderstorm damaged a display on the midway at the Carbon County Fair. Sides of stands were caved in, power lines were dropped and tarpaulins and tent-like stands were torn or collapsed. Lightning, striking near one stand, disrupted a main power source. One person was injured during the storm.									
Williamsport, Lycoming County	26	5 PM EDT			0	0	6	0	Wind, Heavy Rain, Electrical, Hail
Severe thunderstorms accompanied by very strong wind gusts, heavy rain, continuous lightning and hail moved across the Williamsport and South Williamsport area. The strong wind and lightning caused extensive tree and roof damage. Many trees were down and roof damage included 9,000 sq. ft. of roofing from a Ray-O-Vac Battery Plant. An air conditioner was blown from the roof of one building and landed in a show room window across the street. The wind and lightning resulted in over 8,000 customers suffering power outages. The lightning also caused at least 10 fires with one warehouse burning down. Heavy rain caused severe basement and street flooding, with up to 2-1/2 feet in some streets. An unofficial reading of 3.4 inches of rain was reported. Total damage was estimated at 1 million dollars. Hail up to 1/2 inch was also reported.									
Union and Northumberland Counties	26	7 PM EDT			0	0	4	0	Wind, Heavy Rain, Electrical
Wind gusts from thunderstorms downed trees and tree limbs tore shingles from roofs and overturned a construction site trailer. There were also numerous lightning strikes and the lightning and wind combined to cause power outages to 1000 customers. Some roadway flooding resulted from the heavy rain.									
PENNSYLVANIA WESTERN									
Lampeter, Lancaster County	27	4 to 6 AM EDT			0	0	3	0	Electrical
Lightning struck a tree in a pasture and killed 9 cows and 6 calves. They were part of a prize herd and valued at \$500 a piece.									
Armstrong County	15						4	?	Wind and electric
Damage confined to trees and wires downed by wind, except that several fires were reported, listing lightning as the probable cause. A possible tornado with a path about 2 miles wide ran from north of Leechburg near Gilpin Twp. firehall, with damage from Schenley through Ice Pond Road and into Georgetown, Hungry Hollow, around Leechburg up the valley to a point north of Apollo.									
Southern Allegheny, western Westmoreland, and northern Fayette counties	26						4		Electric and heavy rain
Heavy rain in Monroeville caused flooding of storm sewers, already declared by local authorities to be "overloaded" and also of Abernethy Creek, considered by officials as "flood prone but not worth correcting because only 12 families live in the area". Damage included buckling of the gymnasium floor in Jr. High School, washing out portions of highway, knocking out walls, downing a carport and flooding a number of basements. Lightning caused several fires in the Mon Valley area... a barn containing a hay rake, hay elevator and 2 wagons burned to the ground plus several minor home fires. Some flooding also occurred in this area as sanitary sewers backed up -- a common occurrence in the past few years in this area. Some power lines and transformers hit by lightning, causing outages.									
PUERTO RICO									
Northeast - Interior	2	6:00 p.-8:00 p.			0	0	4	C	Winds
A rapidly moving squall line, moving from east to west across the Leeward Islands, Virgin Islands and Puerto Rico, passed the Virgin Islands between 4:00 PM and 5:00 PM and passed Puerto Rico from 6:00 PM to 8:00 PM with wind gusts to 48 mph. It caused some local crop damages and minor structural damages.									
Guajataba	28	2:30 p.			2	0	0	0	Lightning
Two boy scouts were struck by lightning while setting up tents during a heavy afternoon thunderstorm near Road #24, Kilometer 0.4 in Barrio Guasia.									
RHODE ISLAND									
Lincoln Manville	6	7:30 p.m.			0	0	3	0	Lightning
Two houses were partially burned out by strikes.									
Statewide	10	All Day			0	0	6	4	Tropical Storm Belle
Hurricane Belle passing through Connecticut lashed Rhode Island with wind gusts to 60 MPH. The outdoor dome bubble at the University of Rhode Island was demolished. Many large trees were blown down onto all types of buildings. A new Post Office building was blown in. Many boats were blown from their moorings. The cost of electrical wire repair was 1/2 million dollars.									
Franklin	27	Evening			0	0	1	0	Lightning
Lightning struck a residence and knocked out a fluorescent light in the police station.									
SOUTH CAROLINA									
Rockhill, York County	7	Night					4	0	Thunderstorm, wind, lightning, rain
Severe thunderstorm disrupted utilities, damaged several mobile homes and disrupted traffic.									
Greer, Greenville County	13	3:30 P.M.					4	0	Thunderstorm, high wind
Heavy thunderstorm caused tree and utility damage in Greer.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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			
SOUTH CAROLINA (continued)										TEXAS (continued)											
Anderson, Anderson County Near Mountain Rest, Pickens Co.	15	5:30 P.M.	-	-	-	4	0		Thunderstorm, rain, high wind	NORTHERN Near Weatherford, Parker County	24	3:00 a	-	-	0	0	4	0	Windstorm		
Myrtle Beach, Horry County	16	P.M.	-	-	-	3	0		Rains, lightning, High winds										Thunderstorm winds overturned a mobile home, destroying the home and most of its contents. The family occupying the trailer escaped injury as they abandoned it shortly before the damaging winds occurred.		
Spartanburg, Spartanburg Co.	28	P.M.	-	-	2	0	4	0	Thunderstorm, heavy rains	6 NW Glen Rose, Somerville	26	4:00 p	-	-	0	0	?	?	Wind and Rain		
									Flash flooding in connection with heavy thunderstorm disrupted traffic causing a number of accidents. Two passengers were drowned in submerged vehicle.	Southeastern Tarrant County	26	6:00 p	-	-	0	0	?	?	Wind and Rain		
SOUTH DAKOTA										TEXAS (continued)											
Southeastern Counties	9	Evening	-	-	-	5	5		Heavy Rain, Hail Funnel Cloud	Longview, Gregg County	29	12:35 p	-	-	0	0	0	0	Hailstorm		
									Showers and thunderstorms with golf ball size hail fell in Bon Homme, Vermillion and Yankton counties. A funnel cloud was sighted in the Yankton area at 6:50 CDT.	Northern Tarrant County	29	3:50 p-4:20 p	-	-	0	0	4	0	Windstorm		
Davison County	10	9:30 PM CDT	-	-	-	4	5		Hail, High Winds	Wichita Falls, Wichita County	30	1:00 p-3:00 p	-	-	0	0	?	?	Flash Flooding and Lightning		
									Thunderstorms which occurred in the Mitchell area were accompanied with heavy rain and one inch sized hail. A wind gust reached about 70 MPH. Rain and hail fell in several other counties in the southern portion of the state. No great damage to the crops resulted.										Thunderstorm winds, clocked up to 64 mph at Meacham Airport toppled a 20 foot diving platform and a small pavilion on Casino Beach at Lake Worth. Several North Fort Worth businesses sustained plate glass window breakage.		
TENNESSEE										TEXAS											
Marion County	15	PM	-	-	-		3		Lightning	Tyler, Smith County	31	Afternoon	-	-	0	?	?	?	Flash Flooding		
									Lightning struck the Marion County Jail destroying the radio base station and knocking out the lighting system.										Heavy thunderstorms caused flash flooding at Tyler. Several minor injuries resulted when rampaging water shattered plate glass windows in a shopping center. A variety store roof and ceiling collapsed under the weight of rain water.		
Jamestown, Pentress County	24	1:00 p.	-	-	-		4		Lightning	New Salem, Rusk County	31	2:45 p	-	-	0	0	0	0	Funnel Cloud		
									Two houses were struck by lightning, one being destroyed and the other suffering some damage.										The Funnel cloud remained aloft and dissipated.		
Tullahoma, Coffee County	24	2:00 p.	-	-	-		4		High wind and heavy rain	Northern Tarrant County	31	6:30 p	-	-	0	0	4	0	Flash Flooding and Wind		
									A severe storm struck the Tullahoma area at 2:00 p.m., toppling trees, downing power lines and dumping two inches of rain on the city in one hour. A large tree fell and heavily damaged four parked vehicles. Damage was also reported at two businesses in the downtown area.										Heavy thunderstorms dropped 4.05 inches at the Dallas-Fort Worth Airport. Flash flooding occurred at Euless, Bedford, and Azle with one foot of water entering about a dozen homes near BearCreek in Euless. Thunderstorm winds broke windows and unroofed a house in Ayle.		
Gallatin, Sumner County	24	3:30 p.	-	-	-		5		Severe thunderstorm	TEXAS SOUTHERN											
									A severe thunderstorm with damaging winds, rain and small hail raged through the city, leaving a trail of fallen trees and damaged property. Most of the damage was within a seven-mile radius of Gallatin. Two planes were heavily damaged at the Gallatin Municipal Airport as a result of strong winds. One business had extensive roof damage.	ALVIN Brazoria County	2	3:00p	-	-	0	0	3	0	0	0	Windstorm
TEXAS NORTHERN										TEXAS SOUTHERN											
Merkel Area, Taylor County	2	8:00 p-8:30 p	-	-	-	0	0	?	Flash Flooding, Hail, and Several Funnel Clouds	GALVESTON BAY Galveston County	2	4:15p	-	-	0	0	0	0	Funnel Cloud		
									A severe thunderstorm produced minor flash flooding between Merkel and Trent with water reportedly flowing over the interstate highway. Funnels aloft, confirmed by radar, were sighted over Merkel and 2 miles east of Merkel. Marble size hail accompanied the storm as it moved southward.										Over Galveston Bay near LaPorte.		
Longview and Kilgore areas, Gregg County and Henderson area, Rusk County	6	5:30 p-5:30 p	-	-	-	0	0	?	Flash Flooding, Hail, and Windstorm	CRYSTAL BEACH Galveston County	13	8:05a	?	?	0	0	0	0	2 Funnels, water-spout		
									Strong thunderstorms resulted in mostly sporadic and minor wind and flash flood damage in the two county area. Scattered reports of marble size hail were received.										16 miles NE of Galveston storm moved from SW to NE.		
Nesquite, Dallas County	6	5:10 p	-	-	-	0	0	?	Windstorm	Near SAN LUIS PASS Galveston County	13	8:50a	-	-	0	0	0	0	Funnel Cloud		
									Thunderstorm winds destroyed an aluminum patio cover at a private residence in Nesquite.										25 miles SW of Galveston storm moved from S to North.		
Northern Tarrant County	6	6:00 p	-	-	-	0	0	4	Windstorm	MATAGORDA Matagorda County	13	12:55p	-	-	0	0	0	0	Funnel Cloud		
									Strong thunderstorm gusts overturned two airplanes at Blue Mound Airport and two unoccupied mobile homes at a sales lot in Saginaw. The thunderstorms moved toward the southwest.										Storm moved from SSW to NNE.		
										2 N ROCKPORT Aransas County	14	8:25a	?	?	0	0	0	0	Waterspout		
																			Observed passing across Aransas Bay.		
										GALVESTON BAY Galveston County	14	10:20a	?	?	0	0	0	0	Waterspout		
																			Observed near Red Fish Reef moving from SW to NE.		
										CORPUS CHRISTI Nueces County	17	12:05p	?	?	0	0	0	0	Tornado		
																			Touched down briefly in open country just north of International Airport.		
										HOUSTON Harris County	17	3:50p	-	-	0	0	0	0	Wind		
																			Hobby Airport reported gust to 63 mph.		

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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									
SABINE LAKE Jefferson County	17	6:35p	?	?	0	0	0	0	Waterspout
		Observed over	the south end	of Sabine Lake	moving SW.				
3 SE NAS Corpus Christi Nueces County	18	7:45a	-	-	0	0	0	0	Funnel Cloud
		Reported by	Navy personnel.						
S of AGUA DULCE Nueces County	18	12:00p	?	?	0	0	0	0	Tornado
		Touched down	briefly.						
BOERNE Kendall County	18	12:40p	-	-	0	0	0	0	Hail
		1-3/4 inch diameter	soft hail.	Storm moved from	SSW to NNE.				
HARLINGEN Cameron County	19	7:00p	-	-	1	0	0	0	Lightning
		A young man was struck	and killed by lightning	while playing	golf on the municipal course.				
COPANO BAY Aransas County	23	9:36a	?	?	0	0	0	0	Waterspout
CORPUS CHRISTI Nueces County	23	10:00a	-	-	0	0	0	0	Funnel Clouds
		One funnel reported	in the Pharaoh Valley area	and another near	King High School.				
2 NE RIO HONDO Cameron County	24	1:30p	1-1/2	6	0	0	3	0	Tornado
		Storm moved from NE to SW.	The tornado overturned a farm trailer	carrying irrigation pipe	then hit a small two room frame house.				
		The house was pushed	four feet off of its foundation;	windows and doors	were blown out. No injuries.				
1 S MCALLEN Hidalgo County	24	3:55p	-	-	0	0	0	0	Funnel Cloud
15 NW HOUSTON Harris County	24	5:50p	-	-	0	0	0	0	Hail
		A heavy thunderstorm	produced soft hail 1 inch in diameter.	No significant damage	was reported.				
BROWNSVILLE Cameron County	25	10:25a	-	-	0	0	0	0	2 Funnel Clouds
		One reported 3 N of	Brownsville and one west of the city.						
SE AUSTIN Travis County	26	4:40p	-	-	0	0	4	0	Windstorm, hail
		Wind gusts of 41 mph	and 55 mph were recorded at the Austin	Airport and Lake Travis, respectively.	These wind gusts from				
		thunderstorms blew	over a mobile home in a SE Austin trailer park	and inflicted damage	to other mobile homes in the area. Pea-size				
		to marble size hail	was reported with the thunderstorms	but no significant damage	from the hail was indicated.				
5N ARANSAS PASS Aransas County	26	10:07a	-	-	0	0	0	0	Funnel Cloud
		Observed by Aransas	Pass Police.						
NE of ARANSAS PASS Nueces County	28	8:50a	-	-	0	0	0	0	Funnel Cloud
BEAUMONT Jefferson County	28	7:22p	-	-	0	1	2	0	Lightning
		Lightning struck	radio station KVLU transmitter	and injured a security guard	at Lamar University. The police radio and the				
		FM radio station	share the same antenna. The guard was holding	the microphone when the antenna	was hit.				
10 NE EDNA Jackson County	28	9:45p	-	-	0	0	0	0	2 Funnel Clouds
		Reported by public	moving south.						
COUSIN'S POINT Medina Lake Bandera County	29	1:00p	-	-	0	0	4	0	Windstorm
		Thunderstorms	moved SW producing gusty surface winds.	Four (4) boats and 6	houseboats were either sunk or damaged as winds				
		hit. Several private	docks were damaged and the porch roof of one	lake front house	was torn away.				
SE of Aransas Pass Nueces County	30	12:53p	-	-	0	0	0	0	Funnel Cloud
		Sighted by Aransas	Pass Fire Department.						
4E GALVESTON Galveston County	31	7:10a- 7:20a	?	?	0	0	0	0	Waterspout
		Storm moved from	S to N just off of the beach.						
INGLESIDE San Patricio Co.	31	10:15a	-	-	0	0	0	0	Funnel Cloud
5 SW of NAS Corpus Christi Nueces County	31	11:10a	-	-	0	0	0	0	Funnel Cloud
10 N of SIMON San Patricio Co.	31	12:15a	-	-	0	0	0	0	Funnel Cloud
TEXAS (continued)									
SOUTHERN									
NAS, Beeville Bee County	31	1:19p	-	-	0	0	0	0	Wind
		Wind gust to	54 knots. No damage reported.						
PORT of BEAUMONT Jefferson County	31	2:05p	-	-	0	0	0	0	Funnel Cloud
		Weather Service	personnel observed funnel moving N.	No damage.					
MANOR Travis County	31	4:43p	-	-	0	0	0	0	Funnel Clouds
		Several funnel clouds	were sighted in NE Travis County; one east	of Manor, one near New Sweden, and one east	of Pflugerville. No damage was reported.				
2 W ELGIN Bastrop County	31	5:00p	-	-	0	0	4	4	Lightning
		Lightning struck	a barn on Hwy 290 causing a blaze that	destroyed the barn and the stored crop	of hay.				
4 ENE TAYLOR Williamson County	31	5:00p	1	20	0	0	4	0	Tornado
		Tornado touched	down destroying an implement shed	and blowing over several	more outbuildings.				
TEXAS WESTERN									
Northeast Lynn	5	7:32P- 7:52P	10	1-2 Miles	0	0	0	5	Hail
		Heavy rainfall and	pea-size hail severely damaged cotton	crops in a 10 mile long by 1 to 2	mile wide strip from Wilson to				
		New Lynn.							
Near Borger, Hutchinson County	24	4:50P- 6:27P-	5	1 1/2 Miles	0	0	4	3	Hail & Heavy Rain
		A heavy thunderstorm	with small to marble-size hail	and heavy rain destroyed	gardens and numerous windows in a				
		hennery (egg house)	and outlying residences. A small	dry-bed creek flooded, causing	some flooding of the Berger Country				
		Club, club house, and	damaged some greens and small	bridges.					
Near Floydada, Floyd County	31	5:15P-							Funnel Aloft
		Funnel sighted	west of town. Funnel did not	touch down.					
Between Plainview and Hale Center, Hale County	31	5:46P-							Funnel Aloft
		Pilot sighted	funnel. Funnel did not touch	down.					
2 miles Southwest of Floydada, Floyd County	31	5:53P-							Funnel Aloft
		Funnel sighted	by station personnel at KFLP	Floydada. Funnel never	touched down.				
UTAH									
NONE REPORTED									
VERMONT									
AREAWIDE (ALL COUNTIES EXCEPT GRAND ISLE AND ESSEX)	9-10	1800-0900			2	3	7	6	WIND AND RAIN
		STRONG WINDS	CAUSED DOWNED TREES AND	POWERLINES, INJURING TWO	PEOPLE.				
		RAINS OVER THE	AREA RANGING FROM THREE TO	SEVEN INCHES CAUSED FLOODING	WHERE MANY ROADS AND BRIDGES				
		WERE WASHED	OUT RESULTING IN THE DEATH	OF TWO PERSONS AND ONE	INJURED.				
		SEVERAL MOBILE	HOUSES WERE ALSO SWEEPED	AWAY IN FLOOD WATERS. HAY	AND CORN CROPS WERE REPORTED				
		DAMAGED DUE TO	SILT DEPOSITED ON THE CROPS	AS WELL AS BY WIND.					
BRATTLEBORO, WINDHAM COUNTY	13	1715			0	0	4	0	THUNDERSTORMS
		STRONG WINDS	AND LIGHTNING CAUSED	DOWNED TREES AND POWERLINES	WHERE TWO TREES DAMAGED				
		A HOUSE AND ONE	TREE FELL ON A GARAGE.	LIGHTNING CAUSED	DAMAGE TO ANOTHER HOME.				
		HEAVY RAIN	WAS ALSO REPORTED AS WELL	AS HAIL ABOUT THE SIZE	OF A HALF DOLLAR.				
VIRGINIA									
Saltville, Smyth County	7	4:20 p			0	0	0	0	Rain
		Severe thunderstorm	caused local street	flooding. Several cars	stalled due to drowned				
		ignition systems.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

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		
VIRGINIA (continued)										
Coastal areas	9	Morning-Evening			0	0	3	0		Hurricane
		Hurricane Belle, moving northward in the Atlantic Ocean, was approximately 85 miles east of Norfolk at 1 PM (EST). The following, given in Eastern Standard Time, were data reported by weather stations in the area:								
					Highest Sustained Wind (mph)					
					Norfolk International Airport (NWS) 32 from 360 degrees at 11:53 AM					
					Peak Gust (mph)					
					Norfolk International Airport (NWS) 48 from 360 deg. 11:49 AM					
					South Island/Chesapeake Bay Bridge-Tunnel 63					
					Oceanside Naval Air Station 40 from NW					
					Norfolk Naval Air Station 35					
					Lowest Sea-Level Pressure (Inches)					
					Norfolk International Airport (NWS) 29.68 at 1 PM					
					Tides					
					Sewells Point/Hampton Roads Harbor 2.0 feet above MLW or 1.9 feet above normal at 1:30 PM					
					Rainfall (Inches)					
					Wallops Island (Main Base) 3.60					
					Nelsonia 2.64					
					Norfolk International Airport (NWS) 1.08					
		Damage was minor, mostly to trees. Little or no beach erosion was reported. There were storm-related traffic accidents due to rain, with one death in an accident in Norfolk.								
Blackstone, Nottoway County	13	NTR			0	0	3	0		Wind
		Unoccupied work shed, often used by yard workers during storms, completely wrecked; damage estimated at around \$1,500.								
Pittsylvania County	14	Afternoon			0	0	3	0		Hail, Lightning
		Hail caused tobacco crop damage in Chatham-Gretna area. Cow and calf killed by lightning while standing under tree.								
Gloucester and Mathews Counties	14	Afternoon & Evening			0	0	4	0		Lightning, Wind, Rain
		Power company official called it the worst damage from lightning he had ever experienced, as close to 2,000 customers were affected by loss of electricity. Three lightning-caused fires reported. The most serious was to a home in Bohannon, with an estimated minimum damage of \$7,000. Outbuilding of another property was struck at Onnes, with heavy damage inflicted to appliances stored inside - the loss between \$1,500 and \$2,000. Slight damage also reported to a home in Bavo after lightning struck CB radio antenna. Storm began around 2:30 PM and continued until after 8:00 PM. Rainfall estimated between 4 and 5 inches over southern Mathews County, with temporary flooding of some roads reported.								
Louisa, Louisa County	14	5:45 p			0	0	2	0		Wind, Rain
		Severe thunderstorm caused widespread tree damage and a three-hour power outage.								
Northumberland and Lancaster Counties	15	Afternoon			0	0	3	0		Lightning, Wind, Rain
		Lightning completely debarked a large oak tree and set fire to a mattress of adjacent home; little damage done. Wind blew down trees and damaged some buildings, as well as local crops. Basement of high school at Lancaster flooded. Total damage estimated at \$5,000.								
Statewide	24-27									Air Stagnation
		Poor atmospheric circulation prompted issuance of the eighth air stagnation advisory by the Weather Service - a record number for a given year.								
Statewide										Drought
		Below normal rainfall for the year has imperiled many crops over much of the state, as harvest time approaches.								
VIRGIN ISLANDS										
					NONE REPORTED					
WASHINGTON										
		NO STORM DATA REPORT RECEIVED FOR THIS STATE								
WEST VIRGINIA										
Berkeley Co.	14	aftn.			0	0	4	0		Lightning
		Lightning and resulting fire struck and destroyed a barn a short distance west of Glengary in Berkeley County. Estimated value of the barn was between \$23,000 and \$30,000. About 20 minutes later lightning and fire destroyed another barn east of Bunker Hill.								
WISCONSIN										
Entire State		Extended Period			0	0	0	8		Continued Severe Drought
		Statewide crop losses continued to soar during August due to a continued drought situation that started in April over Wisconsin. (See Storm Data for earlier details-July) Spotty rains during the month of August did very little to alleviate the drought problem on an overall statewide basis. U.S.D.A. surveys by late August revised state crop losses for the entire drought period to an estimated 532 million dollars. This amount was over 100 million dollars over the figure given out by late July. The greatest dollar loss was expected to be suffered by Dane county with a total crop loss set at 41 million dollars. Other total crop losses up to late August were:								
					26.2 million Marathon county.					
					24.7 million Iowa county.					
					22.0 million Rock county.					
					18.5 million Barron county.					
		Fourteen counties were added and declared drought disaster areas by the Federal government during the continued August drought. Special limited Federal disaster aid was given to the fourteen counties. The fourteen counties included in the disaster classification were: Brown, Dane, Deor, Green, Iowa, Jefferson, Juneau, Kewaunee, Lafayette, Monroe, Rock, Sauk, Walworth and Waukesha counties. The new list raised the number of counties receiving drought aid to 46. A sidelight to the drought was that many lakes in Wisconsin were down two feet or more from normal levels. The Rainbow Reservoir in the Upper Wisconsin River basin was down twelve feet from full level. River levels in the state were reported to be "way down". The Mississippi River was reported very low and problems were occurring to navigation. Spotty forest fires occurred throughout the month due to the dry weather.								
Westfield, Marquette Co.	13	6:02p			0	0	?	?		Hail
		1 3/4 inch hail was reported by the Marquette county Sheriff over Westfield.								
Pardeeville, Wycocena Columbia Co.	13	7:00p			0	0	*5	C		Thunderstorms, high winds, hail
		Heavy thunderstorms produced strong winds and hail the size of golf balls. Few Pardeeville residences with windows facing to the north and northwest escaped without damage as the storm moved along a mile and a half path across Pardeeville and then along highway 22 to Wycocena. Many power lines and trees were blown down by the high winds produced by the thunderstorms. Damage occurred to the local corn crop that ran into the thousands of dollars.								
Mt. Horeb, Dane Co.	14	0:30a			1	1	4	0		Lightning
		A rural Mt. Horeb boy died in a lightning caused housefire that also destroyed the house. The boy's father suffered burns as he helped rescue two other children in the burning house.								
Sun Prairie and DeForest, Dane Co.	25	9:00p			0	0	?	5		Thunderstorms, high winds, hail
		3/4 inch hail stones and high winds caused an estimated 100,000 dollars in damage to crops in the Sun Prairie and DeForest areas. Leaves were stripped from tobacco, and corn plants in the fields.								
Hilbert, Calumet Co.	31	3:15p			0	0	?	?		Hail
		Hail stones up to 1 1/2 inches occurred north of county road B near Hilbert.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

AUGUST 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA									
Covington County	12	Night			0	0	4	0	Lightning
									Lightning set fire to a house in Flowersview Community.
Jefferson County	15	5:50p	Less than 1 mile	30	0	0	3	2	Tornado
									Small tornado touched down near Morris, Alabama. A corn field was "ripped up", 1 house sustained minor damage when struck by a falling power line.
Jefferson County	16	2:45p			0	0	0	0	Severe Thunderstorm
									Severe thunderstorm moved near Birmingham Airport. Wind gusts to 86 mph recorded. No damage or injuries reported.
Jefferson County	16	5:35p			0	0	?	0	Heavy rain
									Heavy rains in downtown Birmingham resulted in a street flooding, but no injuries were reported. Several cars flooded. No estimates of damage amount.
Tuscaloosa County	17	Afternoon			0	1	0	0	Lightning
									Man, age 19 was struck by lightning. He was treated and released from hospital.

o Includes crop damage.
 C Crop damage.
 * Miles instead of yards.
 ** Yards instead of miles.
 † Storm damages are placed in categories varying from 1 to 9 as follows:
 1 Less than \$50
 2 \$50 to \$500
 3 \$500 to \$5,000
 4 \$5,000 to \$50,000
 5 \$50,000 to \$500,000
 6 \$500,000 to \$5 Million
 7 \$5 Million to \$50 Million
 8 \$50 Million to \$500 Million
 9 \$500 Million to \$ 5 Billion

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all-inclusive. Late Reports and corrections will be carried in the June and December issues of this publication.

SUBSCRIPTION PRICE: \$3.60 a year; \$4.80 additional for foreign mailing; 30¢ single copy. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.

USCOMM-NOAA-ASHEVILLE, N.C. 10/14/76-1700

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



THIRD CLASS

