

# STORM DATA



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*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 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	
ALABAMA			NONE	REPORTED					
ALASKA									
Anchorage	25-26				0	0	5	0	Heavy snow.
					An unusually strong Arctic outbreak from the north and northwest brought a strong arctic front down through southcentral Alaska and the Anchorage area. Anchorage officially recorded a new record October 24 hour snowfall of 10.3 inches. Very poor driving conditions directly attributable to the storm resulted in many automobile accidents in the area. At the same time, brisk northeast winds on the west side of Cook Inlet caused some hull damage to a ship tied up at the dock at Tyonek.				
Juneau	26				0	0	5	0	Wind and sea swell.
					The same arctic outbreak that caused heavy snow in Anchorage helped accelerate the passage of a polar occlusion through southeast Alaska and very strong winds resulted at Juneau. Southeast winds gusting to 70mph were reported in the city in advance of the front, which went through Juneau in the early afternoon. Brisk southwest wind behind the front caused 4 foot swells to spread in to the normally protected Auk Bay Harbor. Two boats in the harbor were sunk and damage was sustained by docks. At Juneau Municipal Airport two small planes sustained damage as a result of the strong southeast winds in advance of the front.				
15 miles west of Kenai	27	10:25a	short	160	0	0	0	0	Waterspout.
					The above mentioned arctic outbreak resulted in 17,000 ft temperatures of approximately -45°C over Cook Inlet on Oct. 27 and convective activity (mainly snowshowers) was vigorous and widespread over Cook Inlet and the Gulf of Alaska Coast. Lightning, hail and thunder were reported at Sitka and Yakutat. The waterspout at Kenai was reported to be 400-500 ft in diameter; water in the vicinity was churned up considerably. The cloud was based at 1,500 ft with the top at 4,000-5,000 ft and clear above. The waterspout lasted about 5 minutes.				
Meshik	28				0	0	3	0	High surf.
					Brisk northwest winds, 30-40 knts, along with tides near monthly maximum resulted in rapid erosion of an offshore sandbar offshore from the village of Meshik. Meshik is on the south shore of Bristol Bay about 150 miles south of Dillingham. Erosion of the sandbar allowed surf to get into the village; limited damage was sustained by structures in low lying areas.				
ARIZONA									
Yuma County	22-23				0	0	4	0	Flooding
					Heavy thunderstorms, with local amounts of rain of over 5 inches in 24 hours and nearly 6 1/2 inches in 48 hours, produced flash flooding in some sections with minor damage to secondary roads.				
ARKANSAS			NONE	REPORTED					
CALIFORNIA									
NORTHERN & CENTRAL			NONE	REPORTED					
CALIFORNIA SOUTHERN	22-23				1	?	?	?	Flooding and lightning
Los Angeles Basin and Hemet Area					Flooding caused by heavy rains in and around the Los Angeles basin triggered numerous mud slides in the foot hills north of Los Angeles. A 4 foot wall of water in the Sylmar area caused 1 death. 42 homes in the Hemet area were flooded with water up to the wall sockets. Lightning struck many transformers interrupting electrical service to over 5,000 customers in the Sylmar, Sunland and Tujunga area. The first snow of the season fell in the local mountains above the 8,000 foot level.				
COLORADO									
Northern Mountains east of Continental Divide	06	all day			0	0	0	0	Snowstorm
					Arctic cold front brought a light snowfall over the northeastern slopes above 6000 feet. Some heavy snowing was reported over the high mountain passes. Slick road conditions caused traffic jams and many cars slid off roads. Large trucks were stopped on I-70 near Eisenhower tunnel in order to relieve stalling of traffic. Traffic was also snarled on Monument Hill and Ute Pass to the northwest of Colorado Springs.				
Mountains, San Luis Valley and eastern plains.	26	early morning to			0	0	0	0	Heavy snow
	27	late evening			First major snowstorm of season; very beneficial to farmers, ranchers, hunters and the ski industry. Snow was wet below 6000 feet, and major roads in Denver area were wet and slushy. Traffic was halted for several hours to the west of Denver due to slick roads. A band of heavy snow embraced I-70 and traffic was delayed from Limon to Burlington. The Washington County Sheriff reported 18 inches of snowfall along Highway 36 near Antero, Landon, and Last Chance. Generally, 8 to 12 inches of snow fell all along the eastern foothills to the Continental Divide. About 18 inches of snowfall was deposited near Rye and San Isabel (25 miles SW of Pueblo). Over 6 inches of snow fell in the San Luis Valley in southcentral Colorado.				
CONNECTICUT									
Black Rock	9	All day			0	2	6	0	Wind
Bridgeport					Strong southerly winds gusting over 60 MPH caused many boats to slip their mooring and smash ashore. It was stated that more marine damage occurred than during recent "Hurricane Belle". Many trees were blown down onto houses and cars. Nearly 40,000 homes throughout the state lost power at some point. In Waterbury, a very large roof was blown off a hay barn. In Watertown, two people were hurt as flying roof debris struck them in the legs.				
Danbury									
Greenwich									
Hartford									
Norwalk									
Stamford									
Torrington									
Trumbull									
Waterbury									
Watertown									
Old Lyme	12	11:30 pm			0	0	3	0	Lightning
					Lightning struck a house causing a fire.				
DELAWARE									
State	9	Morning-early evening			0	0	3	0	Wind, rain, tidal flooding
					A deepening low pressure system, moving northeastward from central Virginia, was accompanied by high winds, high tides and moderate rainfall; however, very little damage was reported. Some power failures were reported as well as some trees and road signs blown down. There were reports of wave heights from four to eight feet in lower Delaware Bay and nearby Ocean area. Some tidal flooding was reported in the Fenwick Island area; also, minor flooding was reported in the Cedar Neck area. Damage, mostly from wind, was estimated at \$5,000.				
Central portion	9	10:10 a - 10:20 a							Funnels aloft
					Pilots reported funnels aloft: one at 10:10 AM, 10 miles east of Kenton WOr and second at 10:20 AM, just north of Milford; the latter was reported moving toward the NNE at 60 mph. No surface record or damage was noted in either case.				
FLORIDA									
Broward County	5	3:17PM EST			0	0	0	0	Waterspout
					A waterspout was reported 8 to 11 miles east of Port Everglades by the Coast Guard.				
Okaloosa County	6	1:25PM EST			0	0	0	0	Waterspout
					A waterspout was reported about 35 miles south of Mary Esther.				

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<b>FLORIDA (continued)</b>									
Tallahassee, Leon County	6	Early afternoon			0	0	5	0	Heavy rain, local flooding.
	A cold front which became stationary across the Florida Panhandle caused widespread shower activity. Locally heavy rains occurred in Tallahassee, particularly in the northeast section, where unofficial amounts of around six inches were reported. The heaviest amounts of rain fell during the early afternoon in a very short period of time. Widespread flooding of streets, houses, and automobiles occurred. Water virtually covered dozens of stalled automobiles in many areas, particularly on South Monroe Street. Water covered the parking lot and athletic field at Leon High School with some cars flooded almost to their roofs. A 60-foot section of a concrete retaining wall collapsed behind the school during the rain. Water was reported about five feet deep in a market and four feet deep inside of one residence. Numerous snakes were driven onto suburban lawns by the high water. Many residents compared the flooding with that experienced during Tropical Storm Betty in 1970 when over six inches of rain fell in three hours. No injuries were directly attributed to the flooding; however, numerous automobile accidents were reported during the deluge of rain and associated flooding.								
Broward County	7	7:47AM EST			0	0	0	0	Waterspouts
	A few small waterspouts were reported 8 to 10 miles east of Fort Lauderdale.								
Broward County	17	7:30AM EST			0	0	0	0	Waterspout
	A waterspout was reported near Ft. Lauderdale.								
Madison, Madison County	20	Unknown	1/10	15	0	0	4	0	Tornado
	What was reported as an isolated tornado caused considerable damage to a large grain elevator in South Madison. The tornado was accompanied by heavy rain and hail, and several trees were blown down in the immediate area. No injuries were reported.								
<b>GEORGIA</b>									
	NONE REPORTED								
<b>HAWAII</b>									
3 mi. E Kokohead, Oahu	1	8:30a.							Waterspout
Hilo Bay, Hawaii	9	afternoon			1	1	3.		High Wave
	Northerly swells generated by gale 100 miles northeast of State caused high wave to apparently swamp from behind 18-foot fishing boat entering Hilo Bay about 100 yards off breakwater. Young man drowned and his father sustained head injury.								
15 mi. S Laau Point, Molokai	11	4:57p.							3 Waterspouts
<b>IDAHO</b>									
	NONE REPORTED								
<b>ILLINOIS</b>									
	NONE REPORTED								
<b>INDIANA</b>									
	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
<b>IOWA</b>									
	NONE REPORTED								
<b>KANSAS</b>									
Northwest to central (Cheyenne to Stafford Counties)	26	Evening			0	0	3	3	Heavy snow
	Heavy snow fell in a 75 to 100 mile wide band from St. Francis to Ness City to Hudson. Snowfall was 4 to 8 inches with local amounts to 11 inches at Ness City and 9 inches at Quinter and near St. Francis. Minor damage to shrubs, trees, utility lines, and unharvested row crops was the result of the weight of the heavy wet snow.								
<b>KENTUCKY</b>									
	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
<b>LOUISIANA</b>									
	NONE REPORTED								
<b>MAINE</b>									
	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
<b>MARYLAND &amp; D.C.</b>									
Washington, Frederick and Carroll Counties	1-3				0	0	0	0	Rain
	Rainfall, continuing from the last day of September, amounted to 3-4 inches with some minor flooding reported over scattered sections. Little, if any, damage was reported.								
Baltimore and Anne Arundel Counties	2	Afternoon			0	0	3	0	Rain
	Dozens of streets in Baltimore City and over a dozen in Anne Arundel County were under water, as nearly two inches of rain fell in a three-hour period, during a thunderstorm. Some 25,000 homes were without power for a brief period, partly due to suspected lightning striking a transformer. Many basements were flooded along with a rash of traffic accidents during the height of the storm.								
North Central, (especially Frederick County and City)	8-9	Evening-Morning			0	0	6	5	Rain, Flooding, Wind
	A deepening low pressure center moved slowly northeastward along a front positioned on the eastern slopes of the Appalachians, bringing locally very heavy rainfall. Many mountain streams overflowed their banks. Hardest hit was Frederick County, in particular the City of Frederick, where the downtown area was inundated. A reliable observer at Braddock Heights (near Frederick) recorded the following rainfall amounts:								
									October 8 (8PM) - 0.97 inch 9 (7AM) - 2.67 (8AM) - 1.08 (9AM) - 1.53 (10AM) - 0.10 (8PM) - 0.03 Total - 6.36 inches
	Tiny Carroll Creek, normally a foot deep and running through the center of Frederick, became a raging torrent (cresting at about 20 feet) and ripped through the downtown business district of the city. Six buildings collapsed under the pressure of the waters and at least a score more were so badly damaged that they had to be condemned. About 100 persons were left homeless because of flood damage or structural defects to residences.								
	Near Taneytown, Carroll County, five families were evacuated from the second floor of their homes. In addition, residents from several homes in the town of Detour were evacuated.								
	Widespread wind damage was reported as trees gave way under the combination of strong winds and water-logged soil, some taking power lines with them. One utility company reported as many as 30 thousand customers were affected at one time or another. Official damage estimates compiled by the State Civil Defense Agency put damage at \$4.4 million. Frederick County and City were declared disaster areas, making them eligible for Federal assistance. (Note: At Point of Rocks, near Brunswick, the Potomac crested at 27.2 feet (over 11 feet above flood stage) shortly after midnight of the 11th of October.)								
Harford and Queen Annes Counties	9	Morning			0	0	3	0	Wind, Rain
	Wind and saturated ground were blamed for extensive tree fall over the area, with associated power line outage, and a few roads blocked by limbs or trees. Wind gusts were estimated at 60 mph during the height of the storm.								
Washington, D.C. area	9	All Day			0	0	0	0	Wind, Rain
	A few secondary roads temporarily closed, along with some tree damage, but no damage reported.								
Tilghman, Talbot County	14	4:40 a			0	0	4	0	Wind
	Gusting winds of about 50 mph dislodged two two-ton restaurant canopies that were in a place of storage. The canopies cartwheeled across a highway and slammed into power lines, causing a shower of sparks and flames. Two traffic lights were also damaged. The canopies, valued at \$10,000, were damaged extensively.								
Fruitland, Wicomico County	18	Night			0	0	0	0	Rapid temperature drop
	Local power outage attributed to overload, initiated by a sudden increase in homeowner demand, as temperatures dropped drastically.								
<b>MASSACHUSETTS</b>									
Bourne	9	3 pm			0	7	3	0	Wind
	A large tent housing the Bourne Scallop Festival collapsed upon a few hundred people and injured several.								
North Attleboro	9	Aftn.			0	0	3	0	Wind
	Strong winds raked most of Massachusetts causing many trees to fall onto vehicles.								

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Scituate Winthrop	9	Aftn.			0	0	4	0	Wind
									Many boats slipped their moorings and sank or drifted ashore as 50 MPH gusts raked the area.
Billerica	21	Morning			0	0	4	0	Wind
									A huge old tree was blown down onto a residence causing the roof to split and the inside walls to buckle.
Falmouth	21	All day			0	0	3	0	Wind
									A coastal storm brought gales and washed several boats up on shore.
Ludlow	21	Morning			0	0	4	0	Wind
									High winds partially demolished a medical arts center building under construction.
Woburn	21	9:20 am			0	0	3	0	Wind
									Strong winds blew a huge tree onto an automobile. The driver escaped injury but was very shaken.
North Attleboro	21	10 am			0	0	4	0	Wind
									High winds blew down a wall of a fire station under construction.
MICHIGAN	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
MINNESOTA	NONE REPORTED								
MISSISSIPPI	NONE REPORTED								
Central, South Leake, Hinds, Lawrence Counties	5	PM			0	0	0	0	Heavy Rains
	6	AM							An eastward moving cold front triggered thunderstorms and heavy rains between 7PM on the 5th and 7AM on the 6th. The heaviest accumulations were 4.15 at Monticello, 3.36 at Walnut Grove, and 2.17 at the Jackson Airport. No flood damage was reported.
MISSOURI	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
MONTANA	NONE REPORTED								
NEBRASKA	NONE REPORTED								
NEVADA	NONE REPORTED								
NEW HAMPSHIRE	NO STORM DATA REPORT RECEIVED FOR THIS STATE								
NEW JERSEY	NONE REPORTED								
Coastal Sections	8-9				0	3	?	?	Wind and Rain
									Gale winds and torrential rains lashed the Coastal Sections of New Jersey causing blackouts, downed power lines and trees, minor flooding and unusually rough surf. 1 to 3 inches of rain fell over the area. The highest reported gust was 60 MPH. There were 3 storm related injuries reported.
Bergen County	20				0	0	?	?	Rain
									Heavy rains and winds caused some serious flooding problems in the northern part of the County. Also, there were several thousands homes and businesses in Cliffside Park (Bergen County) left without electricity when a short circuit occurred in a connector.
NEW MEXICO	NONE REPORTED								
NEW YORK COASTAL (Extreme Southeast)	8-9				1	1	?	?	Rain and Wind
Area									An intense fall storm lashed Southeastern New York with drenching rain and gusty winds causing power failures, downed trees and wide spread flooding. Most of the damage was in Nassau and Westchester Counties. Westchester County reported one fatality and Rockland County reported one injury. Between 1 and 2 inches of rain fell over the entire area.
Rockland County	15				1	0	0	0	Lightning
									A sixteen year old student at a Catholic boys high school was struck by lightning as he walked from a football field after practice. Witnesses said there was no warning of a storm before the youth was struck.
NEW YORK CENTRAL	NONE REPORTED								
COUNTIES OF: ORANGE: DUTCHESS: ULSTER: DELAWARE	9	NOON -7PM			0	0	5	0	WIND AND RAIN
									In Newburgh (Orange Co.) at a UNICO Festival, automobiles, metal and wood beams and display items including pianos and organs were destroyed or damaged. Power failures were due to downed trees and powerlines with up to 55 MPH winds and over two inches of rain. A tree fell on an auto in the Town of Warwick (Orange Co.) Some roofs on homes and office buildings were damaged due to wind and heavy rain. A construction trailer in Delhi (Delaware Co) was knocked over by the strong winds.
COUNTIES OF: SARATOGA: WARREN: WASHINGTON	9	6PM to 8:30 PM			0	2	4	0	WIND AND RAIN
									Downed trees and powerlines caused extensive power outages. A tree fell on a home in Saratoga Springs (Saratoga Co.) and another fell on five parked automobiles in Glens Falls (Warren Co.) Two persons were injured when their automobile lost control due to strong winds and struck a parked auto in the town of Milton (Saratoga Co.).
SYRACUSE ONONDAGA COUNTY	15	3:30 PM			1	0	-	-	LIGHTNING
									A 16-year old boy was struck by lightning while walking from a football field and died in the hospital fourteen hours later.
NEW YORK WESTERN	NONE REPORTED								
Southern Erie, Chautauque, and Cattaraugus Counties	22				0	0	0	0	Snowstorm
									Lake-effect snowstorms dumped up to a foot of snow in snowbelt areas South of Buffalo. At Cherry Creek in Chautauque County reported 12 inches. Ski resorts opened for the season and one reported this date was the earliest in 20-years.
NORTH CAROLINA	NONE REPORTED								
Guilford County	18th	4:00 PM	3/4	15	0	0	4	0	Tornado
									A tornado skipped along near Vickery Chapel Road off Highway I-85 near Greensboro. A trailer truck was damaged, trees, and some homes. Damage about \$15,000.
Davidson County	8th	4:00 PM	1/2	15	0	0	4	0	Tornado
									A tornado hit Fair Grove near Thomasville damaging several homes, trees, and utility lines. Damage about \$20,000.
Stanley County	9th	3:00 AM	3	40	0	0	3	0	Tornado
									A tornado barely touched down near Richfield. Damage to outbuildings but mainly tree tops twisted off.
Scotland County	9th	5:00 AM	5 1/2	20	0	0	5	0	Tornado
									A tornado skipped along South & Southeast of Laurinburg damaging trees, utility lines, a radio station, antenna, a freight terminal and a church. Total damage about \$175,000.
Mecklenburg County	9th	Daytime			0	0	5	4	Flooding
									Heavy rains of the 8th & 9th caused flooding in Pineville on the 9th. There was about \$305,000 damage to buildings & \$10,000 damage to crops.
Wilson County	9th	Before dawn			0	0	4	0	Wind Storm
									Winds did damage to some mobile homes in the Wilson area.

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<b>NORTH CAROLINA (continued)</b>									
Duplin County	9th	5:30 AM					5		Wind Storm
Strong winds in the Wallace, Rose Hill-Chinquapin area damaged utility lines, buildings and poultry. Largest damage was to houses and turkeys. Total damage about \$80,000.									
Lenoir County	9th	5:45 AM	5-6 mi.	50	0	0	4	0	Tornado
A tornado skipped along the ground from 3 to 6 miles damaging trees, utility poles and lines, but buildings and a church. Total damage about \$15,000.									
Sampson County	9th	5:00 AM			0	0	4	0	Wind Storm
Near Autryville, trees, outbuildings and a home were damaged by strong winds. Total damage about \$15,000.									
Washington County	9th	8:00 AM			0	0	4	0	Wind Storm
Near Westover strong winds damaged some mobile homes and a hog facility. Total damage about \$40,000.									
<b>NORTH DAKOTA</b>									
NONE REPORTED									
<b>OHIO</b>									
Ashtabula County	21	4PM-Mdgt.	--	--	0	0	1	0	Snow
Early heavy lake effect snow of up to 7 inches of snow fell in the southern portions of the county along with a general fall of 2 to 4 inches across the county.									
<b>OKLAHOMA</b>									
NONE REPORTED									
<b>OREGON</b>									
NONE REPORTED									
<b>PACIFIC</b>									
NONE REPORTED									
<b>PENNSYLVANIA EASTERN</b>									
Eastern Penna.	8	9 PM			0	5	7	5	Wind, Heavy Rain
After a few days with some rain or showers, a storm system moved north along the East Coast. Heavy rains with the storm produced widespread drainage and small stream flooding. Roadways, fields, houses and other buildings were flooded. The heaviest rainfall was in the northeastern part of Eastern Pennsylvania where 3 to 4 inches were recorded. Extensive flash flooding occurred in this area with 3 bridges washed out and many roads washed out or flooded. Over the remainder of Eastern Pennsylvania 1 to 3 inches of rain were observed. Strong winds with gusts reaching 50 to 60 mph accompanied the storm over Eastern Pennsylvania from 9 AM to 3 PM on the 9th. The strong winds damaged buildings, downed buildings under construction, downed or uprooted trees, tore off tree limbs, downed utility lines and poles. The flooding along with downed trees, tree limbs, power lines and at least one mudslide blocked many roads. Falling limbs and other windblown objects injured 5 people. The wind and water also caused extensive crop damage. At least 65,000 customers had power interruptions and several thousand lost telephone service. The Main Line train service between Harrisburg and Philadelphia was interrupted by downed power lines.									
Eastern Penna.	21	5 AM			0	0	1	0	Heavy Rain, Wind
Heavy rain accompanying a storm moving north along the East Coast caused some flooding of roadways and small streams. Winds with gusts reaching 30 to 35 mph downed some tree limbs and power lines resulting in a few hundred customers experiencing power outages.									
<b>PENNSYLVANIA WESTERN</b>									
NONE REPORTED									
<b>PUERTO RICO</b>									
Guabo	14	2:30 p.-4:30 p.			0	0	4	0	Heavy Rain
A severe local thunderstorm which lasted about two hours over the town of Guabo produced 5.6 inches of rain. During this period a record one-hour rainfall of 4.3 inches was measured. A number of small streams flooded several houses and Civil Defense evacuated 120 families in the area. There were some damages to household goods. Several secondary roads sustained damages from landslides.									
South Coast	14	Afternoon			0	0	*4	C	Heavy Rain
Heavy rains over the southern slopes of the central Cordilleras caused local urban flooding and a number of landslides on secondary roads. The Rio Coamo went over its banks in the Turquia sector of Coamo and landslides damaged two houses in the San Antonio and two houses in the Santa Catalina sectors of Road 155 From Coamo to Orocovis. Near Juana Diaz the Jacaguas River overflowed near Caricaoba Barrio and near Santa Isabel 8 families were evacuated from near a dry creek bed when waters entered their houses.									
Hacienda Constanza	15	Afternoon			0	0	4	0	Lightning
During a severe thunderstorm a lightning bolt struck a house and burnt out the kitchen and bathroom areas.									
Naranjito	29	Evening			0	0	4	0	Heavy Rain
A landslide caused by heavy rains and overflowing streams destroyed one home in the Barrio Cedro Arriba sector of Naranjito.									
Ponce and Aracibo	30	Afternoon			1	0	*4	C	Heavy Rain
A cold front passed through Puerto Rico bringing heavy rains and severe thunderstorms over the central Cordilleras as well as most of the eastern half of the island. Generally two to four inches of rain fell in a four-hour period. The Portuguese and the Bucaná Rivers in the Ponce area washed but several small bridges and the body of a 70 year old man was later found in the Bucaná River but the details of his drowning are unknown. On the northern slopes, at Barrio Cunetas on the Tanama River near Aracibo, 25 families were evacuated by Civil Defense when waters threatened their homes and landslides caused some damages to interior roads and dwellings in the area of Barrio Ferran. Urban flooding was reported also in some sectors of Metropolitan San Juan.									
<b>RHODE ISLAND</b>									
Newport	21	All day			0	0	4	0	Wind
Several yachts were blown from their moorings and sustained damage as they pounded ashore.									
<b>SOUTH CAROLINA</b>									
Greenville	7	P.M.			0	0	5	3	Heavy Rains and Flash Flooding
Extensive flash flooding on Reedy River and tributaries damaged homes, bridges, roads, with numerous traffic accidents resulting.									
Northwest	8-9	Night			0	2	6	5	Heavy Rains and Flash Flooding
Widespread flash flooding across North-western South Carolina damaged roads, bridges, crops, utilities, caused numerous traffic accidents; heavy loss to contents of homes and businesses at Laurens, S.C. Heaviest flash flooding was along an area that extended from near McCormick northeastward through Laurens, S.C. through Gaffney, hence to south central N.C. Heavy damage to crops in lowlands; more than 30 homes and shopping center flooded in Laurens; worst flash flooding in a "lifetime" reported near Gaffney.									
Statewide	9-10				0	0	6	6	Flooding
Heaviest flooding of major rivers in central S.C. where highest stages in more than 40 years occurred at Blair on the Broad river and at Columbia on the Congaree River. Although preventable damage reduced by timely warnings, there was extensive damage to lowland crops, homes, businesses, roads and utilities.									

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<b>SOUTH CAROLINA (continued)</b>										
Central and Eastern	9	3-5 A.M.	-	-	0	0	5	3		High Winds Lightning
Fast moving front accompanied by damaging thunderstorms and one or more tornadoes moved rapidly eastward across South Carolina during the early morning. Poultry farm near Eastover heavily damaged; area of localized damage in Glid to trees, utilities and homes; mobile home near Millins demolished. 6 or more barns damaged or destroyed in Jordanville community 7 miles SE of Aynor.										
1 Mile East Chesterfield	9	3:30 A.M.	1 Mi	100 Yds	0	0	4	2		Tornado
Small tornado over a 1 mile path 300 Ft. wide path from one mile ESE Chesterfield northeastward to near Zoar community. Damaged home, several farm buildings, disrupting utilities for several hours in and around Chesterfield.										
Central and Eastern	20	8-10 A.M.	-	-	0	3	4	2		High Wind Thunderstorm
Severe thunderstorms in connection with developing low pressure caused considerable damage. In Denmark area several buildings, barns, warehouses and dairy heavily damaged. In vicinity of Orangeburg-Jalhon County line near St. Matthews one mobile home destroyed and two others heavily damaged injuring 3 people. Several buildings damaged near Longs, also scattered damage elsewhere in coastal S.C.										
<b>SOUTH DAKOTA</b>										
NONE REPORTED										
<b>TENNESSEE</b>										
NONE REPORTED										
<b>TEXAS NORTHERN</b>										
Ennis, Ellis County	4	5:30 p			0	0	?	?		Windstorm
Several outbuildings were destroyed in the Ennis area by high thunderstorm winds.										
Copperas Cove, Coryell County	4	9:15 p	3	?	0	0	3	0		Windstorm and Flash Flooding
Minor damage occurred in and around Copperas Cove from an eastward-moving severe thunderstorm.										
Killeen area, Western Bell County	4	9:30 p- 10:00 p	10	?	0	2	5	0		Windstorm, Flash Flooding, and Funnel Cloud
The Copperas Cove storm moved into Bell County, resulting in considerable wind damage. Six mobile homes were overturned, three each in Killeen and Harker Heights. Two minor injuries occurred in one of the Harker Heights' trailer homes. In Killeen, an automobile was partially crushed by a flipped mobile home. Numerous other mobile homes were pushed off of foundations. A drive-in restaurant and a lumber company building under construction received extensive wind damage in Harker Heights. Flash flooding brought minor damage to the area. Two persons escaped injury when their car was washed down a flooded street in Killeen. DPS officers spotted one funnel aloft during the storm.										
Mexia Lake, Limestone County	4-5	Late Evening- Early Morning			0	0	?	?		Flash Flooding
Heavy rains produced flash flooding around Mexia Lake. Eight to ten homes reportedly sustained water damage. Rainfall at Mexia was just under four inches. Over eight inches of rain fell at nearby Wortham in Freestone County.										
6 SW Gainesville, Cooke County	24	2:00 p- 2:30 p			0	0	0	0	2	Tornadoes
Two small tornadoes reached ground in open country six miles south-west of Gainesville. Civil Defense personnel observed both of the thin, rope-like tornadoes. Without doing any damage, the tornadoes lifted and moved northeast. They were last observed as funnels aloft, eight miles east of Gainesville at 2:20 p.m.										
Azle, Tarrant County	24	3:15 p			0	0	0	0		Funnel Cloud
A Civil Defense spotter observed the funnel aloft over the Azle area.										
<b>TEXAS SOUTHERN</b>										
KRTEEMY Mason County	4	0400p- 445p	-	-	0	0	3	4		Hail, wind
Hail stones 1/4 to 1/2 inch diameter and high winds estimated near 60 mph uprooted trees and damaged a few outbuildings and barns. Most damage was due to hail, which destroyed a large peanut crop and killed 75 head of turkeys.										
BATESVILLE Zavala County	4	620p- 640p	2	30	0	0	3	?		Tornado
Some damage reported in Labyrinth 15 west of Batesville. Storm moved from west south west over open country. Trees and power lines were downed across road between Labyrinth and Batesville. Howo radar indicated a hook echo NE of Batesville at 0633p.										
15 SE NAG Corpus Christi	7	253p	?	?	0	0	0	0		Waterspout
Observed for a few minutes in the open gulf.										
SAN PATRICIO COUNTY	15	900p	-	-	0	0	4	0		Windstorm
Thunderstorm winds damaged several metal buildings and signs in the Portland and Ingle side areas.										
COASTAL BEND	27- 29	-	-	-	0	0	?	?		Rain/Wind
A low pressure center near Brownsville on the 27th produced heavy rain and high winds throughout the area as it moved north-east through the western Gulf during the 3-day period. Official rainfall reports at Brownsville and Corpus Christi were 5.77 inches and 1.80 inches, respectively. Unofficial reports totalled over 5 inches as well. Gale warnings were issued on the night of the 27-28. The fastest gusts recorded at Corpus Christi International Airport were 39 mph on the 27 and 28. Unofficial reports of higher winds occurred throughout the area.										
<b>TEXAS WESTERN</b>										
Panhandle, Western half of South Plains and mountainous sections of South-west Texas	28 & 29	Early Thursday morning to mid-afternoon Friday			0	0	?	?		Heavy snow
An unprecedented early season snowfall occurred in portions of West Texas Thursday and Friday October 28th and 29th 1976. This is the first time a significant snowfall has been recorded in this general area in October. The snow occurred roughly to the north and west of a Hobbs, New Mexico to Lubbock, Texas to Perryton, Texas line and also in the mountainous sections of Southwest Texas. Due to temperatures near or slightly above freezing at the time of the snowfall and the warm ground most accumulations were 2 to 4 inches with melting occurring continuously. Numerous minor traffic accidents were reported due to slick roads and highways and icy bridges and overpasses.										
<b>UTAH</b>										
NONE REPORTED										
<b>VERMONT</b>										
NONE REPORTED										
<b>VIRGINIA</b>										
King William, Mathews & Northumberland Counties	2	Morning			0	0	3	0		Wind, Rain
Sudden storm caused some minor flooding and scattered tree damage. "West Wind", an historic home in Wicomico Church, suffered damage to one wing when a rare 150-year old Atlantis tree fell against it. A pickup truck nearby was also damaged by a tree falling across it. Some local street flooding reported in Mathews and West Point, with 3 1/2 inches of rain measured in the area.										
Norfolk (20 NNW)	2	2:02 p			0	0	0	0		Waterspouts
Several waterspouts were reported in the Mobjack Bay, York Point, and York River area.										
Chesapeake Bay	2	2:28 p			0	0	0	0		Waterspout
A waterspout was sighted 11 miles east-northeast of Langley Field.										
Chesapeake Bay	2	6:00 p			0	0	0	0		Waterspout
Coast Guard reported a waterspout 8 miles south of Tangier Island, moving northwestward at about 12 mph.										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 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	
<b>VIRGINIA (continued)</b>									
Norfolk (10 E)	3	abt 10 a			0	0	0	0	Waterspouts
		Three waterspouts sighted in the Baltimore Channel off Cape Henry.							
Western Two-thirds	7-10				1	0	5		Rain, Flooding, Wind
		Rain over a 24-hour period, mainly the 8th and 9th, totaled between three and four inches in the general area. Some sections reported close to a six-inch total over a 36-hour period, for the most rain since Hurricane 'Agnes' in 1972. Counties in the northern portion and also in the southwest were hit the hardest, as swollen creeks and rivers overflowed their banks during the weekend of the 9th and 10th. Scores of roads were inundated, and numerous homes and businesses suffered flooding, forcing the evacuation of several low-lying areas especially along the east slopes of the Blue Ridge Mountains. In Stafford County an elderly man, who was last seen walking in the vicinity of a rain-swollen stream, was missing and presumed a victim of the storm. In Loudon County, three youths were rescued after spending seven hours trapped in treetops by high waters; in addition, a motorist clung to a tree for three hours before being rescued after her car was swept off the road. Damage over the storm area included washed-out roads and a few bridges, eroded farm land, a score of submerged vehicles, some tree and power line damage due to strong winds, and many water-soaked homes and business establishments - with estimated loss near \$500,000.							
Danville	9	4:20 a	1 1/2	30	0	0	4	0	Tornado
		A tornado, moving from southwest to northeast, touched down within the city limits and inflicted mostly minor damage as it skipped along. Hardest hit was Main Street, between Ridge and Union Streets. Plate glass windows were apparently sucked out from frames with most of the fragments found in the street. Other damage included a metal door and frame, along with a cinder block wall torn from the roof of a downtown hotel and tumbled into the street; portions of the roof and a concrete wall of a warehouse were damaged; and a tree deposited across a truck. One of the numerous glass damage instances included a 12x12 foot plate glass window of a local business establishment, that cannot now be replaced. One oddity: the tangled marquee of one theatre advertised the current feature, "The Huzan Tornado". Workers at the post office loading dock noted a sound "like a freight train" as the storm moved through, however no thunder or lightning were reported. Damage was estimated at \$20,000.							
Brandy Station, Culpeper County	9	5:30 a			0	0	4	0	Wind, Rain
		House trailer, valued at \$4,500 destroyed as wind tore it from foundation, ripped roof away, and allowed torrential rain to pour in. Two occupants were stunned, but otherwise narrowly missed being injured. Most of belongings inside were a total loss.							
Loudon County	9	8:00 a			0	0	2	0	Wind, Rain
		Some minor flooding reported, along with tree damage, in the Reston area. Wind reportedly gusted up to 80 mph.							
Virginia Beach area and York and Mathews Counties	9	8:00 am-8:30 am			0	0	4	0	Wind
		Most of damage occurred on farm in Grafton, as winds destroyed a stable and barn, along with some other property. Power outage in the Williamsburg-Newport News vicinity affected some 3,000 customers. Tree damage was prevalent, along with one 40-year old oak uprooted at Port Haywood. Wind at Patrick Henry Airport was measured at 58 mph.							
Skyline Drive	17	All Day			0	0	0	0	Snow
		Early season snowstorm, combined with rain, sleet and dense fog created hazardous road conditions.							
Lynchburg area	17	10:15 a			0	0	0	0	Rain, Wind
		Giant oak tree, its roots weakened by recent rains, fell across road and power lines, disrupting electrical service.							
Hampton vicinity	18	8:10 a			0	0	0	0	Waterspouts
		Two waterspouts sighted off Hampton, moving eastward.							
South Central	20-21				0	0	0	0	Rain, Flooding
		Minor flooding over many sections in Prince Edward and Appomattox Counties, due to recent rains, necessitated the closing of a few roads. NOTE: Rainfall at Lynchburg for the month of October totaled 10.90 inches. This made it the wettest October for that observing station since records were begun back in 1872.							
<b>VIRGIN ISLANDS</b>									
St. Croix	29	Afternoon			0	0	3	0	Heavy Rain, Winds
		A heavy rain squall moved into the northeastern part of the island with rainfall of between 3 and 4 inches over a four-hour period. There were reports of minor urban flooding and some downed trees from gusty winds.							
St. Thomas and St. John	30	4:00 p.-6:00 p.			0	0	3	0	Heavy Rain, Winds
		A cold frontal system moved across Puerto Rico and into the St. Thomas/St. John area late in the afternoon. Winds of about 55 m.p.h. were recorded at the Harry Truman Airport. Several aircraft were blown out of their parked positions and some trees were blown down in various parts of the islands. About 2 to 3 inches of rainfall in about 3 hours and some minor urban flooding was reported.							
<b>WASHINGTON</b>									
					NONE REPORTED				
<b>WEST VIRGINIA</b>									
North and Mountains		7th,8th,7-10 9th,10th	0	0	0	0	6	4	Flooding, Heavy rain
		On the 6th of October, a slow-moving cold front became stationary along the eastern slopes of the Appalachian Mountains. Weather disturbances moving northeastward along the front were responsible for periods of heavy rain, especially across eastern and northern sections of the state. Four-day rainfall totals over eastern portions of the state averaged from 3 1/4 to 4 1/4 inches. Some specific amounts included: 3.70 inches at Gregory, 4.03 at Gladys, 4.33 at Valley Head and 6.07 at Bartow, all in West Virginia.  The worst flooding in the state was reported at Marlinton in Pocahontas County, W.V. The average rainfall over the headwater area of the Greenbrier River above Marlinton was about 6 inches. At the height of the flooding on Saturday the 9th, 600 persons were evacuated from their homes. Damages to trailers, roads, sewers, small bridges, homes and businesses totaled \$500,000.  In the river basins which flooding occurred, damages similar to those listed above were common. Damages to \$3,134,160 were estimated for the total Greenbrier Basin, \$114,900 for the Kanawha River Basin, and \$73,600 in the Little Kanawha River Basin.  Minor flooding also occurred along the Tygart, Cheat and West Fork Rivers in West Virginia.							
Wheeling, Ohio County	15	6 PM	0	0	0	1	0	0	Lightning
		A man was struck by lightning Friday evening, the 15th, while inspecting a stadium field.							
<b>WISCONSIN</b>									
					NONE REPORTED				
<b>WYOMING</b>									
					NO STORM DATA REPORT RECEIVED FOR THIS STATE				

- 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.

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