

OCTOBER 1980

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STORM DATA



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Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1980

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									
Sheffield, Colbert County	27	5p CST			0	0	3	0	Lightning
									Lightning strikes to 4 homes. One home had moderate damage. Slight damage, mostly to wiring and appliances, in others. Moderately damaged home had several windows knocked out when lightning struck a nearby tree.
ALASKA									
Southcentral	24	0400 ADT -0800 ADT			0	0	6	0	High Wind
									A low pressure wave moving rapidly northward along a strong occluded front brought 40 to 60 mph winds to much of East Anchorage on the morning of the 24th. A few places had wind gusts of over 100 mph. Fifty-two aircraft were destroyed or heavily damaged at the airport at Birchwood Alaska. A motel in eastern Anchorage had its entire roof blown off.
ARIZONA									
			NONE REPORTED						
ARKANSAS									
Texarkana - Miller County	17	8:30 a. CST	1/2	25	0	3	5	0	Tornado
									A tornado moving northeastward touched down and heavily damaged a truck stop and restaurant. Also damaged were several cars and trucks plus two homes. Three persons sustained minor injuries. Damage was estimated at 200 thousand dollars.
2 Miles East of Ogden - Little River County	17	8:30 a. CST	1/2	440	0	2	5	0	Tornado
									A tornado moving northeastward touched down and destroyed two homes. A mobile home and some vehicles were damaged. Two persons sustained minor injuries. Damage was estimated at 60 thousand dollars.
20 Miles East-northeast of Texarkana - Lafayette County	17	9:30 a. CST							Funnel Cloud
									A funnel cloud moving eastward was spotted by sheriff's deputies.
1-1/2 Miles North of Lacey - Drew County	17	12:20 p. CST	1-1/2	75	1	2	5	0	Tornado
									A tornado moving northeastward touched down. It blew a tractor-trailer truck and two pickups off of Arkansas Highway 81. One pickup was carried several yards and two persons inside were injured. The second pickup was carried about 600 yards and parts of it were carried over a mile. A man inside the second pickup was killed. A home and several outbuildings also were damaged. Damage was estimated at 60 thousand dollars.
3-1/2 Miles Northeast of Montrose to Gaines Landing - Chicot County	17	1:05 p. CST	15	75	0	0	5	0	Tornado
									A tornado moving northeastward touched down. Several homes and outbuildings along its path were damaged with the Gaines Landing community sustaining the heaviest damage.
St. Vincent - Conway County	24	8:00 a. CST			0	0	4	0	High Winds
									Thunderstorms produced high winds which heavily damaged several chicken houses and other buildings. Damage was estimated at over 20 thousand dollars.
West Memphis - Crittenden County	27	About 7:30 p. CST			0	0	4	0	Lightning
									Lightning struck a West Memphis utilities management control center and caused extensive damage. Damage was estimated at 35 thousand dollars.
CALIFORNIA NORTHERN & CENTRAL									
Kings County	24	1600 PDT			0	0	0	0	Funnel Cloud
									A few reports of small hail accompanied some heavy thunderstorm activity in the San Joaquin Valley on the afternoon of October 24th. The funnel cloud was reported 7 miles south of LeMoore Naval Air Station.
CALIFORNIA SOUTHERN									
			NONE REPORTED						
COLORADO									
Mesa County	14	evening			0	0	0	0	Hail, heavy snow
									Hail up to 1 inch in diameter pelted most of the Grand Valley between Fruita and Palisade. No damage to crops was reported. The same storm system that produced the hail dumped up to 30 inches of snow on Grand Mesa.
Boulder	15	1822	1 1/2	100	0	0	4	0	Tornado
									A tornado touched down in Boulder, damaging a vocational training building and throwing three nearby cars together, damaging them extensively. Several other cars on the scene sustained minor damage. About a mile and a half away, the same storm picked up several campers and threw them over 200 feet, resulting in more damage. The total loss from the twister was estimated in excess of 25 thousand dollars. The same thunderstorm cell that produced the tornado dropped half the size of quarters in the area, along with brief heavy rain.
Larimer, Boulder Counties	15	1830-1930			0	0	0	0	Hail
									Hail 1 inch in diameter fell north of Wellington, produced by the same storm cell that spawned the Boulder tornado. 1 inch hail was also reported at Longmont.
CONNECTICUT									
			NO REPORT RECEIVED						
DELAWARE									
Coastal Sections	25	All Day			0	0	7	0	Wind, Tidal Flooding, Rain
									A coastal storm brought winds gusting to over 60 mph in places and rain totaling between 2 and 4 inches over much of the area. The rain, combined with onshore winds and above normal tides, resulted in flooding of low-lying sections on the ocean-side as well as along the Delaware River. Beacherosion, mainly light to moderate, was locally severe from Fenwick Island and South Bethany northward to Broadkill Beach, where beachfront cottages had minor damage. The most serious loss occurred at Port of Wilmington, where water damaged 2700 imported automobiles in a storage lot - the loss estimated at about \$10 million.
FLORIDA									
Hillsborough County	1	8:40AM EST			0	0	0	0	Funnel clouds
									Two small funnel clouds aloft were observed over Sydney, about 18 miles east of Tampa.
Monroe County	3	12:40PM EST			0	0	0	0	Waterspouts.
									Two waterspouts were reported by the Coast Guard 12 miles southwest of Marathon moving toward the east.
Dade and Broward Counties	3	1:30PM EST			0	0	0	0	Funnel clouds.
									Several funnel clouds aloft were reported along the coastal areas in connection with rapidly developing thunderstorms.
Monroe County	4	7:46AM EST			0	0	0	0	Waterspouts.
									Two waterspouts were reported by a pilot 5 miles south of Marathon moving toward the northeast.
Monroe County	17	5:25PM EST			0	0	0	0	Waterspouts.
									Two waterspouts were reported 10 miles southwest of Key West moving toward the southwest.
Martin County	23	1:00PM EST			0	0	0	0	Funnel cloud.
									A funnel cloud aloft was reported by Martin County Civil Defense near Jensen Beach moving toward the north-northwest.
Okaloosa County	28	3:15AM CST	1/2	50	0	0	5	0	Tornado.
									A tornado touched down in south Crestview during the early morning hours as a fast-moving line of severe thunderstorms moved through the area. The line of thunderstorms was moving eastward about 45 mph. Much of the damage was estimated near \$500,000, was sustained by warehouses, vehicles and equipment along a short stretch of State Road 85. Also, quite a few trees were snapped off and power lines blown down. There were no injuries. However, if the tornado had occurred later, 25 to 30 workmen would have been in the area. One resident reported hearing a roaring sound "like a convoy of trains" as the tornado moved through.

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					KILLED	INJURED	PROPERTY	CROPS	
FLORIDA (continued)									
Alachua County	28	12:30PM EST	1	30	0	0	4	0	Tornado, funnel clouds.
									A tornado touched down in southwest Gainesville near the University of Florida campus as a line of severe thunderstorms moved through the area. Damage occurred mostly along a line from the Arrendondo Village area and along Archer Road to the Kirkwood/Gordon Glen Manor subdivision area. Widespread damage occurred to trees, sheds and power lines. Several University of Florida buildings sustained some damage. One house in Kirkwood sustained \$12,000 damage when a large tree fell on top of it. Widespread miscellaneous damage occurred; however, no significant structural damage to large buildings was reported. Wind gusts to 57 mph were observed at the Gainesville airport. No serious injuries were reported. There were several other reports of funnel clouds in the Gainesville-Alachua County area.
GEORGIA									
Holly Springs	18	6:55 p			0	0	4	0	Thunderstorm Winds
									Strong thunderstorm winds damaged two barns and several chicken houses. Shingles were torn off the roofs of a few houses and a few trees and powerlines were reported down. The storms moved east at 25 miles an hour.
HAWAII									
									NONE REPORTED
IDAHO									
Pocatello Area, Bannock County and Blackfoot Area, Bingham County	15	Daylight Hours			0	0	4	0	Heavy Snow
									Heavy, wet snow fell during the day. Cottonwood Valley near Swan Lake reported between 12 and 18 inches of snow, while the Pocatello Airport received 7 inches and Blackfoot 5 inches. Trees, still heavily laden with leaves, lost large limbs or fell over completely. Power and telephone outages, as well as small electrical fires, were reported over much of the area.
ILLINOIS									
									NONE REPORT RECEIVED
INDIANA									
									NONE REPORTED
IOWA									
2 Miles East Mackey, Story County, to Jewell, Hamilton County	16	530P	13	30	0	0	5	4	Tornado
									A weak tornado touched down and moved northeast damaging a farm house and outbuildings on two farms. The tornado also destroyed sections of corn and bean fields before lifting on the southwest edge of Jewell.
West Central to South Central	27	3A-11P	--	--	0	0	4	0	Heavy Snow
									Four to eight inches of heavy wet snow fell across an area 50 to 60 miles wide by 175 miles long. This early wet snow destroyed many young trees and broke limbs from older trees. The limbs severed power lines. Many activities were cancelled. Many accidents occurred on the slippery roads.
KANSAS									
Rice County (Lyons)	14	12:30 a	0	0	0	0	4	0	Lightning
									Lightning struck a rural home and the resulting fire completely destroyed the house. Damage estimated at \$35,000.00.
Russell County (6 miles west of Russell)	15	5:00 p	Short Narrow	0	0	0	0	0	Tornado
									Tornado moving northeast touched down briefly in open country 6 miles west of Russell. No damage.
Cowley County	15	6:00 p to 8:00 p	12	150	0	4	6	5	Tornado, Wind, Hail
									Severe thunderstorms developed over southern Cowley County and moved northeast. Although local wind damage occurred, most damage resulted from a tornado which touched down one mile north of Burden at 7:12 p and lifted 7 miles northeast of Atlanta around 7:20 p. The tornado moved north northeast and was on the ground about 30 percent of the time with the most significant property damage at the end points of the track. Five farm homes and one mobile home were destroyed with a dairy farm destroyed 7 miles northeast of Atlanta to include the loss of 80 cattle. 10 of the 4 injuries, one was serious and required hospitalization. Utility companies sustained around 50 thousand dollars in pole and line damage with a total storm damage in the county of 650 thousand dollars. One inch diameter hail was reported just west of Wall at 6:11 p.
KANSAS (continued)									
Ellis County	15	Evening	6	100	0	0	5	0	Tornado, Wind, Hail
									A severe thunderstorm moving northeast through eastern Ellis County spawned a tornado which touched down 1 mile south of Victoria at 5:00 p CST. The tornado moved northeast at 40 miles per hour and lifted about 8:10 p CST 4 miles northeast of Victoria. No damage resulted from the tornado, but large hail and strong winds accompanying the thunderstorm damaged roofs, vehicles and trees in Hays and Victoria. Hail to baseball size fell at Victoria at 4:50 p CST.
Lyon, Coffey, Franklin, Shawnee, Douglas, Leavenworth, Johnson and Wyandotte Counties	15-16	10:00 p - 10:00 a			0	0	4	0	Wind, 3 Funnel Clouds
									Severe thunderstorms moved northeast through area from Coffey and Lyon Counties around 10:00 p on 15th to through Leavenworth, Johnson and Wyandotte Counties by 10:00 a on the 16th. Strong damaging winds and heavy rain produced local property and tree damage with the most serious as follows: Hoop blown off of portable classroom 6 miles north of Popoma with estimated damage of \$26,000.00. Trees toppled in Baldwin and over Lyon and Coffey Counties, roof torn off of a storage shed at Gardner (damage estimated at \$30,000.00) and a machine shed was destroyed just south of Gardner. Funnel clouds were reported 25 miles south and 10 miles north of Burlington and 10 miles south of Hartford around midnight. Winds gusted to 65 miles per hour at Emporia at 10:30 p, 37 miles per hour at the Weather Service Forecast Office in Topeka at 6:34 a and 80 miles per hour at the Johnson County Industrial Airport at 8:15 a.
Ellis County (Munjor)	16	12:30 a	Short Narrow	0	0	5	0	0	Tornado
									Tornado touched down briefly in Munjor destroying a home, damaging three other homes, a mobile home and a storage shed. No reported injuries.
Cowley County	16	6:00 a			0	0	4	0	Wind
									A severe thunderstorm produced strong winds 15 miles east of Arkansas City destroying a farm silo and two out buildings.
KENTUCKY									
									NONE REPORTED
LOUISIANA									
Concord and Fisk West Carroll Parish	17	2:30 PM CDT	2	Narrow	0	0	5	0	Tornado
									A band of heavy thunderstorms spawned a tornado, which demolished two barns, a tractor shed and damaged a farmer's house. Tin from the first barn was blown northward, leaving the rafters and side supports, where the twister ripped tin from the roof and walls of the tractor shed. The tornado continued to move northward striking another barn and driving a cotton picker into a pecan tree. The first barn had been destroyed by tornadoes three times previously and the second barn was stripped while a nearby stack of wooden stakes was undisturbed.
Jonesboro Jackson Parish	17	4:00 PM CDT			0	0	4	0	Thunderstorm winds
									Thunderstorm winds blew over a barn on Louisiana 2 and knocked a tree over heavily damaging a car.
Baskin Franklin Parish	17	4:40 PM CDT			0	0	4	0	Thunderstorm winds
									Two mobile homes were overturned and a third blown off its foundation. One of the mobile homes was destroyed.
Carencro Lafayette Parish	18	9:00 AM CDT	Short Narrow	0	4	5	0	0	Tornado
									Four persons were hospitalized, and three mobile homes and six automobiles were demolished when a tornado struck the Shiloh Place trailer park on La. 723 near Carencro. Another dozen trailers and 12 vehicles were damaged. Neighbors reported that a large green bathtub was blown more than 1/4 mile.
Pleasant Hill Sabine Parish	27	11:50 AM CDT	5	500	0	0	5	0	Tornado
									Shortly before noon the residents of Pleasant Hill heard the noise of a freight train, even though the town has neither trains nor train tracks to have caused the noise. Damage reported was freakish and considerable enough to warrant injuries or deaths. One barn and a house under construction were torn to pieces. A garage seemed to have been pushed down as if by a giant hand, and a patio roof was taken off, while leaving both attached houses with light damage. One individual had just left the kitchen when a 2x4 was driven through the roof and stuck in the floor. A huge pine tree pulled up by the roots in a front yard caused only one broken window, while one man's trailer home was gently lifted from its foundation and placed back down with minimal damage.

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Morrow St. Landry Parish	27	8:00 PM CDT	Short	Narrow	0	0	4	4	Tornado and Heavy Rain
			A tornado apparently touched down in this small community, destroying two trailer houses. At the same time, 4 to 6 inch rainfalls falling just before harvest time, flattened some sugar cane.						
Houma Terrebonne Parish	28	Between Midnight and 7:45 AM CDT			0	0	4	0	Heavy Rain
			Heavy rains caused some minor flooding in east Houma with several homes receiving six inches of water.						
Statewide	25-26				0	3	6	0	Southeast Gale
			A southeast gale devastated the state over the weekend with coastal sections hardest hit. Unusually high tides and 15 to 25 foot waves enhanced by wind gusts to 75 mph damaged or destroyed numerous piers and small craft as well as causing coastal flooding and beach erosion. Also, many seawalls were crumbled and shoreline roads washed out. The strong winds tore roofs off buildings, flattened several barns, and felled countless trees and signs, which in turn caused more structural and vehicular damage and massive power failures. At least 100,000 residences experienced power outages with several communities out for 24 hours and isolated pockets for nearly 40 hours. Peak gusts of 75 mph were recorded at several Coast Guard stations. Other recorded peak gusts were 60 mph at Augusta, 59 mph at Houlton, 56 mph at Portland and 50 mph at Caribou. Portland's high tide was 12.2 feet early Sunday morning which was 8.3 feet above mean high water. At Rockland, the tide was estimated to be 4 feet above normal. Rainfall amounts ranged from 1 to 3 inches causing some local urban flooding.						
Eastern Maryland	25-26				0	0	4	0	Wind, Rain, Tidal Flooding
			Storm moved north-northeastward from off the Florida coast to along the mid-Atlantic seaboard. Easterly winds turned to westerly, gusting to over 65 mph, late on the 25th and into early morning of the 26th. Effects of high winds combined with above normal tides were felt especially along the upper Eastern Shore in Kent and Cecil Counties. Street flooding was reported in low-lying sections and some docks received damage from high water. Minor street flooding was also reported in Havre de Grace, Glen Burnie and Upper Marlboro. In Baltimore, a beauty shop was extensively damaged when on wall was toppled by wind. No injuries were reported.						
			NO REPORT RECEIVED						
Northern Allegan Co.	6	mid-after-noon					5		Thunderstorms
			3" of rain in 20 minutes and gusts to 80 mph at Saugatuck. Trees down, sidewalks, homes, commercial and public buildings damaged in Douglas, Saugatuck and Hamilton areas.						
Pipestone, Rock Counties	16	3:30 pm	--	--	0	0	4	0	Wind
			A line of strong thunderstorms moved into the southwest corner of Minnesota at 40 kts about 3:30 pm. In the towns of Hatfield, Trosky, Pipestone, Holland, Edgerton and Luverne numerous out buildings were damaged or destroyed, trees were downed and power knocked out.						
			Winds of 60-70 MPH were reported 100 yards wide through Hatfield. Three miles west of Pipestone, a semi-truck was blown off a highway receiving extensive damage, and in Luverne, a mobile home was destroyed.						
Cottonwood County	16	5:30 pm	--	--	0	0	2	0	Wind
			Mountain Lake - 60 mph winds were clocked. Numerous tree branches were broken and power lines were downed.						
Martin County	16	5:30 pm	--	--	0	0	3	2	Wind
			Winds of 60-70 mph uprooted several trees and "smashed" a storage shed, which in turn knocked down power lines. Crops suffered moderate wind damage but marble size hail caused only minor damage.						
Redwood County North of Lambertton	16	4:45 pm	--	--	0	0	4	1	Wind
			Many trees were damaged and numerous out buildings were damaged or destroyed. Two combines and a 24 ft. travel trailer as well as other farm machinery were tipped over and damaged. Two pickup campers were destroyed. A few cows were cut up by flying debris and some corn stalks were knocked down.						
Ottertail County 5 mi. E. of Perham	16	10:30pm	--	--	0	0	4	0	Wind
			A strip of trees was flattened, stacked lumber was strewn across a field and an old shed was wrecked.						
MISSISSIPPI									
12 SW Hollandale (Washington Co.) to 1 S Sidon (Leflore Co.)	17	11:5pm CST	53	200	0	0	5	?	Tornado
			Tornado touched down just east of Lake Washington near the Foote community, then traveled ENE touching down intermittently until apparently lifting near Sidon, or about 10 miles south of Greenwood. The tornado damaged several houses near Foote, caused extensive residential and commercial damage along Hwy 61 a few miles south of Hollandale, including extensive damage to a Mississippi Power and Light substation, destroyed a house trailer at Swifttown along with substantial tree and power line damage, destroyed a cotton gin at Sheppardtown, and then damaged two houses just south of Sidon along with more trees and power lines. The tornado was sighted several times as a funnel aloft at other locations along the damage path.						
Scott to 8 NE Scott (Bolivar Co.)	17	11:5pm CST	8	400	0	0	5	?	Tornado
			The tornado touched down at Scott where it damaged 28 houses and some 50 other structures including a cotton gin and processing plant. The tornado moved NE generally along Hwy 1 for about 8 miles where scattered damage to numerous farm buildings occurred.						
5 S Rolling Fork (Sharkey Co.)	17	2:00pm CST	0.5	100	0	0	4	0	Tornado
			A small tornado touched down briefly in the Agaront community along Hwy 61 about 5 miles south of Rolling Fork. Two houses and several sheds were damaged.						
8 SE Benton (Yazoo Co.) to 3 NW Cameron (Madison Co.)	17	3:45pm CST	17	900	0	0	5	?	Tornado
			Tornado apparently first struck a private airport 8 miles southeast of Benton, where several airplanes were heavily damaged and much timber damage also occurred. The tornado moved ENE and destroyed a house near Vaughan, where much tree damage was also evident. The tornado continued through woods, moving a few miles south of Picketts as it destroyed 2 mobile homes and damaged 5 more, and damaged 20 houses and considerable timber. The tornado was one mile wide in the area south of Picketts, and lifted between Picketts and Cameron, apparently doing no further damage.						
2 E Flora (Madison Co.)	17	4:08pm CST	0.5	100	0	0	4	0	Tornado
			A small tornado touched down briefly just east of Flora, breaking a major transmission line of Mississippi Power and Light, and causing some tree damage.						
Kilmichael (Montgomery Co.)	17	4:30pm CST	1.0	200	0	5	5	?	Tornado
			A tornado struck the town of Kilmichael, destroying 7 houses and a mobile home, and causing roof damage to an additional 18 homes. Five persons were slightly injured as their mobile home was overturned by the tornado. Damage estimate was \$350,000.						
2 W Hebron (Jones Co.)	17	6:20pm CST	1.3	100	0	0	5	0	Tornado
			A small tornado struck the Gene Pickering farm in western Jones County, destroying 4 barns and damaging 3 houses, a mobile home, 3 more barns and 2 cars.						
3 S Starkville (Oktibbeha Co.)	27	2:45pm CST			0	0	0	0	Funnel Cloud
			Mississippi State University CB Club storm spotters sighted a funnel cloud 3 miles south of Starkville.						
10 W Brookhaven (Lincoln Co.)	27	6:45pm CST	1.0	400	0	2	4	0	Tornado
			A tornado struck the Loyd Star community in western Lincoln county, slightly injuring 2 people and damaging a mobile home and two houses. A school sustained roof damage, and much tree and power line damage occurred.						
3 S Woodville (Wilkinson Co.)	27	7:30pm CST	2.0	100	0	0	4	?	Tornado
			A small tornado damaged 2 houses and caused considerable timber and power line damage.						
4 W Laurel (Jones Co.)	27	8:15pm CST	1.0	100	0	1	5	?	Tornado
			A small tornado struck the community of Calhoun, destroying a house and 3 mobile homes. It also damaged 6 houses, 11 outbuildings, an elementary school and a considerable amount of timber and power lines.						

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					KILLED	INJURED	PROPERTY	CROPS							KILLED	INJURED	PROPERTY	CROPS	
MISSOURI										NEBRASKA (continued)									
Dede County	16	7:15PM Cst							Severe thunderstorm At Everton, Storm moved from West Southwest of Everton to Everton. Destroyed several farm buildings including a barn. Destroyed a home under construction. Broke windows in houses, downed power lines and downed trees. Golfball size hail reported near Everton.	Hall and Hamilton Counties	16	1:30 AM - 2:00 AM	7	20	0	0	6	0	Tornado
Lawrence County	16	8PM CST							5-6 miles east of Monett. Wind damage to farm buildings including a barn. Small farm buildings destroyed.										Tornado touched down 3 miles east and 1 mile south of Doniphan and then moved northeast to the vicinity of Phillips. Several outbuildings were destroyed, trees damaged and extensive damage occurred to roofs of 3 to 4 homes. Farm machinery and irrigation pipes were also damaged.
Jefferson County	17	3:30AM CST							Pestus Municipal Airport. Wind destroyed an airplane hanger and damaged 8 airplanes. Early damage estimates to \$500,000.00	Fillmore County	16	2:00 AM			0	0	3	0	Hail and Damaging Winds
MONTANA																			Several power lines were downed in Geneva when 1 1/2 inch hail and high thunderstorm winds moved through the area.
South Central	15 16	-	-	-	0	0	5	0	Heavy Snow Up to 18 inches of wet snow fell in areas of South Central Montana causing extensive damage to trees, power lines and poles.	Webster County	16	2:30 AM			0	0	4	0	Damaging Winds
NEBRASKA																			Strong thunderstorm winds leveled a garage and steel grain bin, blew a roof off a hpg shed and damaged other farm buildings 7 to 8 miles north of Guide Rock.
Deuel County	15	4:10 PM			0	0	4	?	Hail One and a half inch hail fell in the ChapPELL area damaging homes and vehicles.	Sherman County	16	10:50 AM			0	1	4	0	Damaging Winds
Garden County	15	4:20 PM	5	75	0	0	5	2	Tornado A tornado touched down 7 miles east of Oshkosh and moved southeast to 4 miles northwest of Lewellen. One farm was completely destroyed and 3 others received considerable damage. Trees were uprooted and power lines downed.	Greeley County	16	11:20 AM			0	0	4	0	Damaging Winds
Garden County	15	4:20 PM			0	0	3	4	Hail Hail upwards to 3 inches in diameter fell in an area from Oshkosh to northwest of Lewellen damaging crops and windows.	Garfield County	16	11:30 AM			0	0	?	?	Damaging Winds
Lincoln County	15	6:15 PM			0	0	2	1	Hail Three quarter inch hail fell at North Platte causing minor damage.	Holt County	16	12:00 PM			0	0	0	0	Damaging Winds
Hayes County	15	6:30 PM	1/10	25	0	0	4	3	Tornado A small tornado touched down 7 miles southeast of Hayes Center damaging a house and farm buildings and some crops.	Antelope County	16	12:30 PM	1/2	60	0	0	4	0	Tornado
Lincoln County	15	7:15 PM	1/5	25	0	0	5	3	Tornado A small tornado touched down 8 miles south of North Platte removing the roof and damaging walls of a home and downing some crops.	Antelope and Knox Counties	16	12:40 PM	3/4	40	0	0	5	0	Tornado
Lincoln County	15	7:25 PM			0	0	5	3	Damaging Winds and Hail High winds in thunderstorms downed trees, power lines and caused structural damage in and southwest of Maxwell. A barn was blown down and granary destroyed southwest of Maxwell. Hail upwards to 1 inches fell causing some crop and roof damage.	Madison County	16	12:40 PM			0	0	?	?	Damaging Winds
Custer County	15	8:10 PM - 9:00 PM			0	0	5	0	Damaging Winds Strong thunderstorm winds downed power lines and trees. A wind mill was damaged northwest of Broken Bow. Around Merma and Gates damage occurred to small farm buildings and homes, irrigation systems and farm vehicles.	East Central	16	12:35 PM - 1:35 PM			1	0	4	0	High Winds
Custer County	15	8:15 PM	1/10	30	0	0	4	0	Tornado A small tornado touched down 3 miles west of Broken Bow causing mainly tree damage. Three-quarter inch hail also fell.	Knox County	16	12:50 PM			0	0	5	0	Damaging Winds
Nuckolls County	15	9:20 PM - 10:00 PM			0	0	4	0	Damaging Winds and Hail Thunderstorm winds downed trees and power lines. Most extensive damage was 4 miles east of Hardy where a shed was leveled and fence blown down. One and a half inch hail fell 8 miles northeast of Superior.	Knox County	16	1:00 PM	1/2	100	0	0	5	0	Tornado
Saline County	15	9:45 PM			0	0	?	0	Hail Three-quarter inch hail fell in Friend.	Central and Northeast	27	Daytime			0	0	0	0	Heavy Snow
																			Early season heavy snow of 4 to 9 inches fell in a band from around Nearrey to Tekamah. Greatest snowfall was at Clarkson with 9 inches. Other amounts were 7 inches at Minden, 6 inches at Grand Island, Loup City and Howells, and 5 inches at Omaha.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1980

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	
NEVADA			NONE REPORTED						
NEW HAMPSHIRE Statewide	25-26				1	4	6	0	Southeast Gale
									A southeast gale devastated the state over the weekend with the coastal and inland lakes regions hardest hit. Unusually high tides and 15 to 25 foot waves enhanced by winds gusting between 60 and 70 mph damaged or destroyed numerous piers and small craft as well as causing coastal flooding and beach erosion. On Lake Winnepesaukee, 6 foot waves were reported. The strong winds tore roofs off buildings, flattened several farm structures and felled countless trees and signs, which in turn caused more structural and vehicular damage and massive power failures. At least 17,000 residences experienced power outages with several areas out for 28 hours. Recorded peak gusts were 65 mph at Clarksville, 60 mph in Franconia and 54 mph at Concord. Atop Mt. Washington, the peak gust was 127 mph. A 70 year old woman was struck and killed by a falling tree limb Sunday morning at Chelsea. Rainfall amounts from 1 to 3 inches caused some local urban flooding and a mudslide in Berlin.
NEW JERSEY (Coastal)	24-25	Evening of 24th continuing abt. 13 hrs.			0	?	?	?	Full moon, High winds, Heavy rain, Flooding
									A full moon, high tides, high winds and heavy rainfall created power outages and flood conditions along shore-lines and in low-lying areas. Despite the heavy rainfall, the storm had little effect on improving water shortages. Winds were at such a speed that trees were uprooted.
NEW MEXICO			NONE REPORTED						
NEW YORK COASTAL Extreme Southeast Nassau, Suffolk Co. Metropolitan Area	24-25	Began abt 5:30 on 24th for 13 hrs. duration			0	?	?	?	Heavy rain, High winds, Flooding, Full moon
									High tides and coastal conditions of flooding in low-lying coastal areas had resulted from a rare configuration of the Earth, Sun and Moon. The moon was the closest to the earth causing a great gravitational pull resulting in unusual high tides. The rainstorm caused widespread power failures, knocking down trees and some families stranded by the storm were evacuated from their homes in low-lying areas. Winds were gusting over 50 MPH.
NEW YORK CENTRAL ARAWIDE	25-26	2P-7A			0	3	5	3	WIND
									STRONG WINDS UP TO 60MPH GUSTING AT TIMES TO 85MPH TORE UP MANY TREES AND DOWNED NUMEROUS POWERLINES. MANY AREAS ALSO REPORTED WIND DAMAGE AS WELL AS FALLEN TREE DAMAGE TO PRIVATE HOMES, GARAGES, AND TRAILERS AND A FEW BUSINESS LOCATIONS. A RESIDENT OF NASSAU IN REMSELAER COUNTY, WAS INJURED WHEN A TREE FELL ON HIS TRAILER HOME. TWO PERSONS WERE INJURED WHEN A TREE FELL ON THEIR AUTO-MOBILE IN SCHENECTADY COUNTY. MANY AREAS WERE WITHOUT POWER OR TELEPHONE SERVICE. ONE TO THREE INCHES OF RAIN FELL OVER THE AREA BUT NO FLOODING WAS REPORTED DUE TO THE EXISTING DRY CONDITIONS.
NEW YORK WESTERN Hamburg, Buffalo Area in Erie County; Stockton and South Stockton in Chautauque County	25	Afternoon	-	-	1	0	4	0	Flood
									Heavy rain fell over Western New York and caused many Buffalo Area creeks to rise to above flood stage. Many roads were inundated. There were basement floodings. A man was swept away and drowned by the rapidly rising waters of fifteen mile creek. He was attempting to remove a car that stalled in high water.
Rochester Area, Monroe County; portions of Seneca and Wayne Counties	25	Afternoon	-	-	0	0	4	0	Wind
									High winds of up to 50 MPH downed power lines which started house fires. Thousands were without electricity for many hours. Trees were uprooted and blocked many roads.
NORTH CAROLINA Beaufort County 3 East Washington	3	4:30 pm	1.5	500	0	0	4	?	Tornado
									A tornado moving northeast overturned a mobile home that was not tied down. It ended up on a car parked next to it and both were totally destroyed. Numerous trees were wrenched off in the area and a roof was torn off some tool houses.
Brunswick, Pender, New Hanover, and Onslow Counties	24				0	0	?		Beach Erosion and Coastal Flooding
									Strong onshore winds in these counties, occurring during a period of maximum annual high tides, caused spotty severe beach erosion and minor flooding. The tides were highest in the morning. Property damage was confined to the loss of some wooden steps leading to the beaches in these counties. Up to 10 horizontal feet of berm was washed away at Wrightsville Beach in New Hanover County.
NORTH DAKOTA Northcentral and Southwest	16 & 17	All day			0	0	0	0	Heavy Snow
									Heavy snow (6 inches) at Belcourt and 5 inches at Berthold caused slick roads and many cars were sent skidding into ditches.
Northcentral and Northwest	22 & 23	All day			0	0	5	0	Winter Storm
									Heavy snow (almost one foot at Norma... 10 inches near Garrison... 9 inches at Butte... 8 inches at Berthold... and 7 inches at Riverdale and Burdfield) clogged roads and a number of cars became stranded or skidded into ditches. The heavy snow resulted in several plane flights to Williston being cancelled, and the loss of microwave transmissions at Minot Television stations. Power outages occurred in rural areas after strong winds and ice buildups tore up power lines.
OHIO			NONE REPORTED						
OKLAHOMA Taloga-Seiling area. Dewey County	16	4:00 a.	10	400	0	3	5	0	Tornado
									An apparent tornado touched down approximately 2 miles southwest of Taloga and moved toward the north northeast. Three occupants of a mobile home were slightly injured when the mobile home was picked up and carried 40 feet before being destroyed. Several outbuildings were also damaged. The next significant damage occurred at a nearby farm also near Taloga where a granary and barn were destroyed and a house severely damaged. The tornado then traveled toward the north northeast where it destroyed a metal barn and damaged a house a short distance southeast of Seiling. The last known damage occurred 2 miles east of Seiling where a barn and house were damaged. Damage reported to be continuous along path length.
Near Blackwell, Kay County	16	6:00 a.			0	0	4	0	Wind
									Winds likely in excess of 50 knots damaged an outbuilding and a car 2 miles east of Blackwell. Two barns were unroofed and outbuildings damaged at a farm 11 miles east of Blackwell.
OREGON Junction City (Lane County)	13	4 PM	0	0	0	UNK	UNK	UNK	Lightning strike on a residential home
PACIFIC			NO REPORT RECEIVED						
PENNSYLVANIA EASTERN Eastern	25	3 AM EDT to mid-night			0	0	4	3	Wind, Heavy Rain
									An intense storm that moved north along the East Coast brought high winds and heavy rain to Eastern Pennsylvania. Rainfall was greater than one inch over all of Eastern Pennsylvania with 1.5 to 2.0 inches in many sections. Amounts over 3 inches occurred over much of the southeast portion with the highest being 5.35 inches at Doylestown. Considerable roadway flooding and some basement flooding resulted, mostly in the southeast part of the state. Wind gusts reached at least 40 MPH in most sections with higher gusts in many areas. The highest gust reported was 58 MPH at the Wilkes-Barre-Scranton Airport. The wind gusts downed many trees and tree limbs which blocked roads and brought down utility lines. Falling trees damaged houses, a mobile home, a garage, automobiles and a motor boat. The strong gusts snapped utility poles and lines; and blew over fences, including one made of concrete blocks.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

OCTOBER 1980

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 (continued)											
WESTERN			NONE REPORTED								
PUERTO RICO			NONE REPORTED								
RHODE ISLAND			NO REPORT RECEIVED								
SOUTH CAROLINA											
Beaches along Coast	22-24	Inclusive Around High Tide Each Day	-	-	5	1	5	0	Beach Erosion and Strong Wind-storm		
		A high pressure system over the mid Atlantic States combined with a low pressure system over Florida to produce gale force northeast to east winds along the South Carolina coast. This occurred at the same time of the fall "spring tides", producing tides near 8 feet in the Charleston and Myrtle Beach areas and near 10 feet above mean low water on Hilton Head Island. Reports indicated that the erosion was as bad as during Hurricane David in some areas. Damage included...parking lots being washed away, sand dunes leveled and roads covered with water and sand. In two separate boating mishaps, a total of 5 persons were drowned. In the first case, a couple from Europe were sailing off the South Carolina coast. The man drowned and the woman survived in a life boat after being adrift for 36 hours. In the second case, four men went deep sea fishing on the 23rd off Charleston, S.C.--both ship and all aboard were lost.									
SOUTH DAKOTA											
Yankton, Yankton Co.	16	2:15PM							Wind		
		60-70 MPH winds resulted in some property damage.									
Armour, Douglas Co.	16	2:20PM							Wind		
		60-70 MPH winds resulted in some property damage.									
Hartford, Minnehaha County	16	3:10PM							Wind		
		60 MPH winds and marble sized hail.									
Sioux Falls, Minnehaha County	16	3:11PM					5	?	Wind		
		Gusts to 62 MPH were recorded at Joe Foss Field. Squall line developed around 2 PM from Chamberlain to Pickstown and moved northeastward at 50 knots causing winds of 50-70 MPH over all of southeastern South Dakota from 2-4PM. Local newspaper accounts indicated considerable property damage. Estimated damage at 100-200 thousand dollars.									
TENNESSEE											
Union City, Obion County	17	Ming					4	?	Flash flooding		
		Heavy rains with slow moving thunderstorms caused flooding problems in and around Union City. The Union City Water Treatment Plant recorded 3.66 inches of rainfall for the day, most of it falling in the morning. U.S. 51 was under water in several spots, and at least two businesses reported damage due to rising water getting into their buildings. In the county, the county highway department reported several roads washed out, and several bridges repaired recently were damaged again.									
Selmer, McNairy County	17	3:13 p.	3.5	80	0	0	5		Tornadoes (2)		
		Two tornadoes touched down on the east side of Selmer near the junction of U.S. 45 and 64 doing considerable property and tree damage. The first tornado touched down as it crossed over an Ag-Coop Store and slammed into a one-story building housing a carpet store, WDM Radio, and an office of the USDA. The building suffered extensive roof and window damage. The tornado continued northeast doing more roof damage to a school gymnasium before diminishing. The second tornado began slightly to the right of the path of the first one. Debris with the second tornado was primarily to trees with some minor roof damage to homes in the area. One home, near the top of a hill, had about one-third of its roof removed. There were no injuries or fatalities with either tornado. Both tornadoes occurred with heavy rains. The path of the first tornado was about one-half mile long while the second tornado path was about 3 miles in length.									
TEXAS											
NORTHERN											
Temple, Bell County	16	1:30 a					0	0	4	0	Windstorm
		Strong thunderstorm winds damaged buildings, uprooted trees, and downed power lines in and around Temple.									
Thornton, Limestone County	16	6:15 a					0	0	4	0	Windstorm
		Thunderstorm wind gusts resulted in several damaged building roofs in Thornton. Several rural barns and outbuildings were demolished by the winds.									
2 South Palestine, Anderson County	16	8:00 a	2	50	0	1	4	0		0	Tornado
		The thunderstorm which earlier produced damage in Limestone County moved northeastward, spawning a small tornado in Wailston Springs community south of Palestine. The tornado uprooted large trees, damaged several homes, and moved a mobile home several feet. The front porch of one home was caved in while the garage to another home was destroyed. One woman was injured in the mobile home by flying glass. Mrs. Tommy Davis witnessed the tornado, which followed a period of very heavy rain. According to Mrs. Davis, the tornado looked like a "big white ball of swirling wind that was as black as could be on the top and bottom of it. It was funneled at the bottom." Mrs. Davis escaped injury by taking shelter within her damaged house. Over one inch of rain fell from the parent thunderstorm.									
Sulphur Springs, Hopkins County	16	5:45 p	3	75	0	0	5	0		0	Tornado and Hailstorm
		Jack Gooding witnessed the tornado, which developed on the extreme east edge of the Sulphur Springs' city limits and moved northeastward. The tornado completely destroyed a mobile home just off of I-30. Fortunately, the residents were gone when the storm struck. The bathtub from the mobile home was found about 1/2 mile northeast of its original location. Debris from the mobile home struck an 18-wheel truck on I-30. Elsewhere, windows were knocked out of several homes, porches were destroyed, and 5 barns and outbuildings were devastated by the tornado. About 10 homes received wind and hail damage in the same area, although hail size was not specified. Total damage was estimated to be about \$200,000.									
Troup, Smith County	16	Evening					0	0	4	0	Windstorm
		Thunderstorm winds damaged tin roofs, TV antennas, power lines, utility poles, and trees in the Troup area.									
Sherman, Grayson County	16	11:10 p-11:55 p					0	0	?	?	Lightning, Wind, and Rainstorm
		A severe thunderstorm moved across the Sherman area, causing scattered, mostly minor damage. A transformer was destroyed by lightning, sheds blown over by winds, and at least one underpass closed because of high water. Minor wind damage also occurred in Bells, just east of Sherman.									
Lake Palo Pinto, Palo Pinto County	17	1:25 a					0	0	?	?	Hailstorm
		Palo Pinto County Civil Defense spotters reported golf ball size hail at Lake Palo Pinto. The extent of any damage was not known.									
Brock Junction, Parker County	17	2:10 a					0	0	?	?	Hailstorm
		The Palo Pinto County storm moved northeastward into Parker County, producing golf ball size hail at Brock Junction.									
Wylie, Collin County	17	Morning					0	0	?	?	Windstorm
		Thunderstorm winds ripped awnings off of several buildings in downtown Wylie.									
Mesquite, Dallas County	17	5:00 a					0	0	?	?	Windstorm
		Strong thunderstorm winds blew a mobile home a foot off of its foundation.									
5.5 SW Bonham and 4 SSE Bonham, Fannin County	17	5:15 a-5:30 a	5	75	0	0	5	0		0	Tornado
		The first tornado developed 5.5 miles southwest of Bonham and just southwest of Highway 121 about 5:15 a.m. The tornado moved rapidly east-northeastward, damaging a farm home and destroying barns and outbuildings on the farm which is on the east side of Highway 121. Continuing northeastward into the Edhube community, the tornado destroyed a home by lifting it off of its blocks and moving it about 15 feet. The back portion of the home collapsed in the process. A large tree was toppled onto a car at the same residence, destroying the auto. A second car was deposited on top of the uprooted tree. Miraculously, the 9 residents of the destroyed home were not injured. The first tornado dissipated about 3 miles south-southeast of Bonham. A second tornado apparently struck and destroyed the double garage portion of a home, 4 miles south-southeast of Bonham, about the time the first tornado was ending. The tornado also snapped off a telephone pole, and blew it through the wall of a home in the same area. Both tornadoes came at the end of brief but very heavy rainstorms.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

0 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 month following receipt of these data.

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