

JUNE 1980

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# STORM DATA



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NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>ALABAMA</b>									
Clay County	17	3:05p			0	0	0	2	Hail
									Public reported 3/4" hail during severe thunderstorm 10 miles north of Ashland. Minor damage to crops was reported.
Clay County	17	3:54p	5	25	0	0	4	3	Tornado
									Small tornado touched down in Good Hope Community, about 3 miles northwest of Ineville, then skipped east northward and was observed by residents as it passed through Bellview. It lifted briefly, then touched down again near Barfield before lifting and dissipating. Three houses were damaged, a barn was destroyed, and power lines were downed. A number of large trees were snapped or uprooted, several of which blocked Alabama Highway 49.
Etowah County	17	6:30p	1	150	0	0	5	0	Tornado
									Etowah County Civil Defense Director reported tornado that moved at treetop level through Southside, about six miles south of Gadsden, whipping trees in multiple directions, and damaging several houses and mobile homes. Most of the roof was removed from one house.
Perry County	19	2:08p			0	0	0	0	Funnel Cloud
									Personnel at the National Weather Service radar station at Centreville sighted a funnel cloud 10 to 15 miles southeast of the radar station over the Talladega National Forest of northern Perry County. The funnel cloud receded to the clouds after a few minutes.
Mobile, Mobile County	19	3:00p			0	1	0	0	Lightning
									A girl, 16 years of age, was struck by lightning while standing under an oak tree in her front yard. She was knocked unconscious, revived by paramedics, and hospitalized.
Mobile County	23	10:35a			0	0	0	0	Funnel Cloud
									Funnel cloud was sighted by Alabama State Troopers on Interstate 10 about 7 miles east of the Mississippi-Alabama border moving east at 20 mph.
Northern Counties	23	Afternoon			0	0	5	3	High winds and heavy rain
									High winds and heavy rainfall of up to 5 inches in thunderstorms over much of northern portion of state caused power outages, flash flooding of smaller streams, washed out roads and bridges, and damaged crops.
Geneva County	23	12:30p			0	1	3	0	High winds
									One man was injured slightly when high winds during a thunderstorm overturned and damaged his mobile home.
Northern and Central Counties	29	Afternoon-Evening			0	9	5	4	High winds, heavy rain, Lightning
									Severe thunderstorms moved through the northern and central portions of the state, producing strong gusty winds, locally heavy rainfall, and numerous lightning strikes. Five people were injured in mobile homes, one person when a tree fell on a house, one when a tree fell on an auto, and one man when a tree fell on him. A 17 year old boy was hospitalized after being struck by lightning. The thunderstorms produced widespread power outages, damaged or demolished numerous mobile homes, damaged houses, barns and other structures, and felled many trees. Brief but heavy rain caused some local flash flooding.
Autauga County	29	7:00p			0	0	0	0	Funnel Cloud
									Funnel cloud was reported by the public between Autaugaville and Prattville.
Montgomery, Montgomery County	29	7:10p			0	0	0	0	Funnel Cloud
									Funnel cloud was reported by Department of Public Safety just west of Dannelly Field.
<b>ALASKA</b>									
Central Interior	17-18				0	0	4	0	Heavy Snow
									One foot of snow fell in and around the entrance to McKinley National Park on the night of the 17th and 18th. The unseasonal snow closed the road into the park. Snowmelt and rains following the snow caused mudslides which temporarily closed the Alaska Railroad during the 18th and 19th.
<b>ARIZONA</b>									
Tucson and Marana Pima County	30	3-3:30 p.			0	8	5	0	Wind
									Thunderstorm associated winds of 50 to 70 mph caused considerable damage in Tucson and the small community of Marana about 20 miles to the northwest. Mobile homes were damaged or destroyed, numerous power lines blown down causing minor fires, trees uprooted and blown onto houses, roofs torn off and numerous signs blown down. Six persons received minor injuries in Tucson. In Marana a woman and her 12-year old daughter were hospitalized for multiple cuts, bruises and fractures after being caught under the rubble of their completely destroyed mobile home. Three other mobile homes close by were also destroyed.
<b>ARKANSAS</b>									
Rogers - Benton County	16	2:50 p.			0	0	3	0	Lightning
									Lightning caused a fire which heavily damaged a residence in Rogers.
Petit Jean State Park - Conway County	16	3:00 p.			0	1	0	0	Lightning
									The Petit Jean State Park superintendent was slightly injured when lightning struck a tree close to him as he was administering first-aid to an automobile accident victim.
Conway - Faulkner County	16	4:00 p.			0	0	4	0	Lightning
									Lightning struck a large generator at a factory in Conway. Damage was estimated at 10 thousand dollars.
Petit Jean State Park - Conway County	17	10:30 a.			0	1	0	0	Lightning
									A nine-year old Girl Scout was injured when lightning struck a park pavilion where she and a group of Scouts were attending a day camp.
Helena - Phillips County	23	Late Evening to Early Morning			0	0	5	0	Heavy Rain/Flooding
									Heavy rains of up to eight inches caused flooding and considerable damage to many businesses in Helena. One furniture store sustained over 75 thousand dollars worth of damage. Several autos were also damaged.
Carroll County	18	Early Morning			0	0	5	0	Heavy Rains/Flooding
									Heavy rains of almost seven inches caused flooding and considerable damage to the county's rural roads and bridges.
Bryant - Saline County	20	7:00 a.			0	0	3	0	Lightning
									Lightning heavily damaged a residence in Bryant. A woman and her child inside the home were not hurt.
12 Miles West of Newport - Jackson County	23	8:15 p.			0	0	3	0	High Winds
									Thunderstorms produced winds up to 60 mph. Only minor property damage was reported.
Subiaco - Logan County	23	8:40 p.			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
Fisher - Poinsett County	23	9:00 p.			0	0	4	0	High Winds
									Thunderstorms produced high winds which destroyed several farm buildings and damaged some buildings at a local seed company.
Near Green Hill - Drew County	24	10:00 a.			1	0	0	0	Lightning
									A 52-year old man was killed by lightning after taking refuge under a tree. He had been harvesting tomatoes on a farm near Green Hill.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>CALIFORNIA</b>									
<b>NORTHERN &amp; CENTRAL</b>									
Butte, Colusa & Nevada Counties	4	1400-1700PST			0	0	0	0	Thunderstorm/Funnel Cloud
									During the afternoon of Wednesday, June 4, 1980, heavy thunderstorm activity developed in the Sacramento Valley. Heavy rain was reported at about 1430 PST in Nevada County followed by a report of heavy hail by a television station near Chico in Butte County at about 1500 PST. A funnel cloud was also reported by the public in Colusa County at about 1620 PST. There were no reports of injuries or damage.
<b>CALIFORNIA SOUTHERN</b>									
Los Angeles County									no report
Riverside County	30	1515PDT							Heavy thunderstorms. Heavy rain. Winds gusts 40 knots.
	30	1600PDT							Heavy Rain. Palm Springs Radio Station reported 1.7 inches of rain in 1/2 hour.
<b>COLORADO</b>									
Northglenn	1	1945			0	0	2	0	High winds. Gusty winds blew in the windows of a mobile home.
Craig	6	Aftn			0	0	2	0	High winds. Strong winds flipped the roofs off horse stalls at the Moffatt County fairgrounds.
Rio Grande and Saguache counties	10	1310	15	100	0	0	0	0	Tornado. A tornado was spotted by weather service personnel on duty at WSO Alamosa. The twister moved eastward on a path near La Garita to northeast of Center through open, flat terrain. The twister was accompanied by heavy rain and small hail.
Crowley County	10	1745	3	50	0	0	0	0	Tornado. A tornado touched down about 10 miles northeast of Ordway.
East Central Plains	15	Evening			0	0	3	6	Hail. Golf ball size hail wiped out much of the wheat crop in Kit Carson county. The hail path was as much as 12 miles wide, and crops sustained an estimated 3 million dollars damage. The hail hit Burlington, knocking out windows in mobile homes.
Julesburg	16	Evening			0	0	3	5	Hail. Hail up to 2 inches in diameter hit Julesburg, damaging roofs and breaking windows in town. Extensive damage was done to crops in the surrounding area.
Logan, Yuma, Washington counties	18	1525			0	0	2	5	Hail, high winds. Golf ball sized hail caused considerable crop damage in the three counties listed. Winds estimated at up to 100 mph accompanied the hail in Merino, ripping the roof off of a shed.
Yuma County	18	1654	1/2	30	0	0	0	0	Tornado. A tornado touched down briefly 7 miles north of Wray.
Bent County	18	1630			0	0	3	0	Hail. Hail up to baseball size fell at John Martin Dam, damaging vehicles and buildings.
El Paso, Elbert Counties	19	1345-1700			0	0	6	?	Severe Thunderstorm. Hail 1 to 2 inches in diameter pelted the northeastern section of Colorado Springs. At least 2000 cars and a like number of homes were damaged extensively; the total loss was estimated at around 4 million dollars. Heavy rain accompanied the hail, and flooded some buildings in the city. A furniture store sustained \$160,000 damage when it was inundated with waist deep water. Lightning also entered the picture, hitting several homes and causing minor damage. Hail up to 2 1/2 inches in diameter also hit Elbert County, north of Colorado Springs, damaging some cars.
Arapahoe County	19	1445	3	40	0	0	0	0	Tornado. A tornado touched down 4 1/2 miles south of Strasburg and moved northeast.
Elbert County	19	1545	4	50	0	0	3	0	Tornado. A tornado 15 miles northeast of Kiowa leveled a farm shed and some power lines.
Pueblo County	19	1615	2	30	0	0	0	0	Tornado. A pilot reported a tornado in open country about 40 miles southeast of Pueblo.
Otero County	19	1630	4	50	0	0	0	0	Tornado. A tornado touched down 30 miles southwest of La Junta and stayed on the ground for 10 to 15 minutes, moving east.
<b>COLORADO (continued)</b>									
Otero County	19	Aftn			0	0	4	0	Hail. Golf ball size hail near Rocky Ford did extensive damage to lettuce, potatoes, and melons. Up to 1 1/2 inches of rain fell with the hail, and high water closed U.S. 50 for a time.
Burlington	19	Evening			0	0	3	0	Hail. Hail damaged roofs and broke windows in Burlington.
Widefield	20	2245			0	0	?	?	Hail. 1 1/4 inch hail pelted Widefield, just south of Colorado Springs. Damage was difficult to assess because of the effects of the previous days hailstorm.
Weld County	21	1205	1	25	0	0	0	0	Tornado. A tornado touched down just east of Nunn.
Adams County	26	1545			0	0	3	0	High Winds. Gusty winds during a thunderstorm damaged several mobile homes in Thornton.
Broomfield	27	1412			0	4	0	0	Lightning. Lightning injured four people on a baseball diamond. The bolt struck the pitcher, injuring him seriously. The batter, catcher, and second baseman were also hurt by the same bolt.
Jefferson County	27	1512			0	1	0	0	Lightning. A man in Bancroft was struck by lightning and injured.
Lincoln County	30	1430	2	30	0	0	0	0	Tornado. A tornado touched down 20 miles north of Limon.
Fleming	30	1720			0	0	3	0	High winds. Winds gusting to an estimated 100 mph damaged roofs and awnings on several homes and a school.
<b>CONNECTICUT</b>									
Canterbury, Lisbon	3	7:15pm			0	0	2	0	70 MPH winds destroyed trees, powerlines, and small buildings.
<b>DELAWARE</b>									
SEE END OF TABLE									
<b>FLORIDA</b>									
Dade County	6	8:00AM EST			0	0	0	0	Waterspout. A waterspout was reported by the public south of Key Biscayne.
Monroe County	6	8:49AM EST			0	0	0	0	Waterspout. A waterspout was reported 5 miles west of Key West moving toward the west.
Dade County	6	10:28AM EST			0	0	0	0	Waterspout. A waterspout was reported by the public 5 to 7 miles east-southeast of Florida City.
Dade County	7	8:45AM EST			0	0	0	0	Funnel cloud. A funnel cloud aloft was reported by the Miami Beach Patrol over Sunny Isles.
Marion County	10	8:50AM EST			0	0	0	0	Funnel cloud. A funnel cloud aloft was reported by Marion County Civil Defense over the northeast part of Ocala moving northeasterly at 20 MPH.
Palm Beach County	10	2:55PM EST	5	100	0	1	6	0	Tornado. A tornado touched down during a severe thunderstorm near Lake Worth Road and Jog Road in suburban Lake Worth, about 3 miles southwest of Palm Beach International Airport, uprooting several trees. The tornado skipped and next touched down 5 minutes later at Palm Beach International Airport damaging about 50 small airplanes, at least 20 of which were destroyed. Winds were clocked at 92 MPH. More than 2 inches of rain fell in less than one hour causing street flooding, and hail was reported just east of the airport. Quite a few power lines were blown down and transformers struck by lightning. One aviation employee was injured when a maintenance trailer was blown over while he was inside. Total damage was estimated between \$2,500,000 and \$3,000,000. An airport control tower operator stated that most of the damage occurred within a period of 30 to 45 seconds.
Palm Beach County	11	9:45AM EST			0	0	0	0	Funnel cloud. A funnel cloud aloft was reported by a pilot 5 miles south of 20-mile bend.
Dade County	11	10:29AM EST	1/10	30	0	0	4	0	Tornado. A small tornado touched down during a severe thunderstorm in the Kendall Lakes area, about 8 miles southwest of Miami International Airport. A resident reported seeing the tornado funnel through a bedroom window and hearing a terrible sound like a plane crash as three-quarters of the porch disappeared and its concrete foundation uprooted. Several other houses on the street sustained minor damage. No injuries were reported.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>FLORIDA (continued)</b>									
Dade County	11	10:30AM EST			0	0	0	0	Funnel cloud
		A funnel cloud aloft was reported over 11th and Flagler, about 4 miles east-southeast of Miami International Airport.							
Dade County	11	12:25PM EST			0	0	0	0	Funnel cloud
		A funnel cloud aloft was reported 8 miles southwest of Miami International Airport.							
Pinellas County	11	1 - 2PM EST			0	0	0	0	Funnel clouds
		Several brief funnel clouds aloft were reported over east-central portions of the county.							
Pinellas County	12	7:45PM EST			0	0	0	0	Funnel cloud
		A funnel cloud aloft was reported over Largo.							
Monroe County	17	3:00PM EST			0	0	0	0	Waterspout
		A waterspout was reported 5 miles northwest of Key West moving slowly toward the west.							
Escambia County	18	1:30PM CST	1/10	20	0	0	3	0	Tornado
		A small tornado touched down during a severe thunderstorm near the Scenic Hills Country Club causing minor damage. Swimmers saw the tornado in time to run to safety. Several vent covers were torn off the roof, and large covers were blown off the swimming pool pump house.							
Escambia County	18	Afternoon			1	0	3	0	Lightning
		Lightning struck and killed a 15-year-old boy in Pensacola during a severe thunderstorm that spawned a tornado (listed above), ignited 3 house fires and disrupted electric power. The boy was taking a shortcut home through a wooded lot when lightning struck. A witness reported that lightning hit a tall pine tree before striking the teenager.							
Dade County	19	12:45PM EST			0	0	0	0	Funnel cloud.
		A funnel cloud aloft, associated with an area of rapidly developing thunderstorms, was reported by the Florida Highway Patrol and by the public about 5 miles south-southwest of Miami International Airport.							
Monroe County	19	1:00PM EST			0	0	0	0	Waterspouts
		Several waterspouts were reported over the lower Keys in the vicinity of Big Pine Key and the Bahia Honda area.							
Okaloosa County	19	1:00PM CST	1/10	30	0	0	4	0	Tornado
		A tornado touched down one mile northeast of the farming community of Holt. The Sheriff's Department reported that only one person's property sustained damage. This included destruction of a 17x60-foot lean-to and a 30-foot section of barn roof, a \$25,000 motor home overturned, trees uprooted, a \$5,500 swimming pool damaged, and the lawn torn up. The residence was not damaged, and there were no injuries.							
Lee County	19	4:02 - 4:05PM EST			0	0	0	0	Funnel cloud.
		A funnel cloud aloft was observed for 3 minutes over Ft. Myers.							
Sumter County	20	9:35AM EST			1	0	0	0	Lightning
		A 19-year-old Port Charlotte divinity student was killed when struck by lightning at Camp International, a private interdenominational summer camp on a lake north of Wildwood. The youth, a counsellor at the camp was struck while walking from the swimming pool to the cabins, accompanied by 12 boys. No one else was injured.							
Broward County	20	Afternoon			0	1	3	0	Lightning, severe thunderstorm
		A man was struck by lightning through a telephone during a severe thunderstorm and knocked unconscious. The thunderstorm resulted in power outages with lines blown down, but no injuries were reported.							
Indian River County	20	Afternoon			0	0	0	0	Funnel cloud
		At least 4 funnel clouds aloft were reported over southern and western portions of the county during a severe thunderstorm.							
Dade County	21	Afternoon			0	3	3	0	Lightning, severe thunderstorm
		Three persons were injured when struck by lightning during severe thunderstorms and widespread power outages were reported in the area. A disk jockey was struck and knocked to the ground in Perrine only seconds before beginning an outdoor broadcast. At another location, two women were struck by lightning while sitting on a tractor at a ranch in southwest Dade. All three persons were taken to hospitals, but none of their injuries were severe.							
Santa Rosa County	21	6:11PM CST			0	0	3	0	Funnel cloud/wind
		A funnel cloud aloft was observed near Page during a thunderstorm. Marble-sized hail and some wind damage also were reported.							
<b>FLORIDA (continued)</b>									
Putnam County	22	12:00 Noon EST	1/2	30	0	0	5	0	Tornado
		A tornado was reported by the public at Welaka during a severe thunderstorm. A boathouse and dock was destroyed at a fishing lodge along with half of the roof of an adjoining restaurant. Damage was estimated at \$45,000. Also power lines and trees were blown down, and several automobiles were damaged or destroyed. No injuries were reported.							
Escambia County	22	12:45PM CST			0	0	0	0	Funnel cloud
		A funnel cloud aloft over Warrington was reported moving eastward at 20 MPH.							
Hillsborough County	24	12:55PM EST			0	0	0	0	Funnel cloud
		A funnel cloud aloft was reported near Brandon.							
Seminole County	24	5:30PM EST	1/10	30	0	0	3	0	Tornado
		A tornado touched down behind the Altamonte Mall on State Road 436 knocking down power lines and overturning a recreational vehicle. Witnesses reported that the funnel cloud touched down near the Pelican Building on Cranes Roost Road. There were no injuries.							
Okaloosa County	24	Late Afternoon			0	2	3	0	Wind
		Sudden strong and gusty winds associated with a thunderstorm collapsed three freshly-laid second story cement block walls at a construction site in Destin injuring two of six workers on the job.							
Bay County	25	2:30AM CST	1/2	50	0	1	5	0	Tornado
		County Civil Defense reported that a tornado touched down in the Thoms Drive area just west of Panama City destroying one home and damaging as many as 20 others. A motel roof was damaged and window were shattered in 22 cars parked at the motel. One man suffered a leg injury. Damages were estimated around \$75,000.							
Suwanee County	25	7:00PM EST	1/10	20	0	0	0	0	Tornado
		A tornado touched down in a wooded area 8 miles south of Live Oak blowing down some trees.							
Suwanee County	25	7:10PM EST	5	50	0	0	5	0	Tornado
		A tornado touched down in southwestern Suwanee County 15 miles southwest of Live Oak and moved eastward for about 5 miles along Rt. 252. The Annex to the Pine Level Baptist Church was destroyed and windows were blown out in the main auditorium. While there were no serious injuries, several persons received minor cuts from the flying glass. About one-half mile west of the church, two large broiler chicken houses were demolished. Each house was 480 feet long and valued at \$55,000. The houses were empty, since 43,000 chickens had been shipped out that morning. Pieces of styrofoam insulation from the chicken houses were found later as much as 5 miles away. Two unoccupied mobile homes were destroyed about 3 to 4 miles east of the Pine Level Church on Rd. 252. There was also considerable tree damage and damage to tobacco, corn and watermelon crops. A witness at Pine Level said that he observed things being blown around, then came a blinding rain and a sound like a freight train. A total damage figure was not available, but estimates ranged from well above \$100,000 to values approaching \$500,000.							
Suwanee County	25	8:05PM EST	1/2	20	0	0	3	4	Tornado
		A tornado reported 7 miles south of Live Oak uprooted trees, blew down power lines, and damaged some crops in the area.							
Okaloosa County	26	6:10AM CST	1/10	20	0	0	4	0	Tornado
		A tornado touched down in the Ocean City area as a line of early morning thunderstorms moved through. A marina storage shed roof was blown off and deposited 100 feet away at the marina next door damaging several boats. The roof was 24 feet wide and 200 feet long. Damage was estimated at \$30,000. No injuries were reported. A nearby resident said it sounded like an airplane flying directly overhead.							
Okaloosa County	26	6:50AM CST	1/10	20	0	0	2	0	Tornado, funnel clouds
		A tornado touchdown was reported in Destin by County Civil Defense along with numerous sightings of funnel clouds aloft in the area. A witness reported hearing a noise that sounded like a train. There were no injuries and no significant damage reported.							
Broward County	26	1:30PM EST			0	0	5	0	Lightning, severe thunderstorm
		A furniture refinishing plant in Oakland Park was struck by lightning and four people narrowly escaped before fire destroyed the building and its contents. A line of severe thunderstorms moving through the area also produced some light hail, caused power disruptions, and overturned at least one sailboat.							
Dade County	26	2:20PM EST			0	2	0	0	Lightning
		Two workers were injured when struck by lightning at a northeast-Dade construction site during an afternoon thunderstorm. One of the men was knocked unconscious briefly.							

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<b>FLORIDA (continued)</b>											
Monroe County	27	10:23 AM EST			0	0	0	0	0	0	Funnel cloud
		A funnel cloud aloft was observed 3 miles southwest of Key West Airport.									
Nassau and Duval Counties	28	Late Afternoon-early evening			0	0	0	0	0	0	Wind, rain
		Widespread severe thunderstorm activity moved through the area from west to east accompanied by strong gusty winds, intense lightning, heavy rain and hail. Wind gusts to near 60 MPH were recorded by the Mayport bar pilots at 5:52 PM EST. Heavy rainfall resulted in widespread street flooding and flooding of low-lying areas. No injuries or serious damage were reported.									
Duval County	29	3 - 4 PM EST			0	0	4	0	0	0	Wind
		A severe thunderstorm moved through Jacksonville causing wind gusts from 50 to 65 MPH in various sections of town. Some of the highest gusts were in the southwest sections. Trees were blown down, roofs were damaged, and power disruptions occurred. Marble-sized hail fell in Cedar Hills. No injuries were reported.									
Brevard County	29	6:01 PM EST			0	0	0	0	0	0	Wind
		A wind gust to 74 MPH was reported at Cocoa during a severe thunderstorm with 1/4-inch hail. No injuries or significant damage were reported.									
Dade County	30	9:30 AM EST			0	0	0	0	0	0	Funnel cloud, wind.
		A funnel cloud aloft was reported about six miles southwest of Miami International Airport. Numerous reports of strong winds, gusts to 50 MPH, were received at about the same time in connection with a line of thunderstorms moving through the area. No injuries or significant damage were reported.									
Brevard County	30	12:55 PM EST			0	0	6	0	0	0	Wind
		Wind gusts to 90 MPH damaged five aircraft at Patrick Air Force Base as a severe thunderstorm moved across the area. A 7-ton, 11-million-dollar aircraft was flipped over and damaged beyond repair and four other identical aircraft sustained minor damage. All of the aircraft were tied down with nylon cables, and out of 25 planes in the area, only the five planes farthest east were affected. No injuries were reported.									
DeSoto County	30	1:40 PM EST			0	0	0	0	0	0	Funnel cloud.
		A funnel cloud aloft was reported by the public about 8 miles west of Arcadia.									
Pinellas County	30	6:25 PM EST			0	0	0	0	0	0	Waterspout
		A waterspout was reported by the Florida Marine Patrol offshore from Dunedin.									
<b>GEORGIA</b>											
Wayne County	12	4:00 P.			0	0	2	3	0	0	Wind & hail
		A downburst from a strong thunderstorm damaged a mobile home, tearing off a 12 foot x 40 foot awning. The damage occurred in the Anderson sub-division, 2 to 3 miles north of Jessup. An adjacent corn field was also damaged by hailstones from the thunderstorm.									
Bartow County	16	7:30 P.			?	0	0	0	0	0	Wind
		Winds in excess of 50 mph from a strong thunderstorm knocked down trees and power lines on the southeast side of Cartersville.									
Forsyth County	16	7:40 P.			0	0	?	0	0	0	Wind
		Winds in excess of 50 mph were reported by the Forsyth County Civil Defense in eastern Forsyth County.									
Hall County	16	8:05 P. short	25	0	0	0	2	0	0	0	Tornado
		A tornado touched down 6 miles east of Gainesville, knocking a few trees down onto power lines. The tornado moved east.									
Chatham County	18	3:30 P.			0	0	1	2	0	0	Hail and wind
		Around 15:30 numerous reports of golf-ball size hail were received from people in northern Chatham County. Hardest hit was Talahi Island, where corn stalks and bean vines were flattened by the hailstones. At 1525 E a wind gust of 18 mph was recorded at Savannah WSO.									
Wilkinson County	18	5:30 P.			0	0	2	?	0	0	Hail
		Golf-ball size hail in Irwinton resulted in tree damage and damage to one small building when a tree fell onto it.									
Fayette County	19	3:30 P.			0	0	2	1	0	0	Wind
		A downburst from a strong thunderstorm produced 50 knot winds which uprooted several trees and damaged one house. The strong winds occurred 5 miles south of Fayetteville.									
<b>GEORGIA (continued)</b>											
Clay County and Randolph County	19	4:30 P.			0	0	4	0	0	0	Wind
		A strong thunderstorm with 50 knot winds moved southwest to northeast across extreme northeast Clay County into southwest Randolph County. In Clay County, the porches of two cabins were damaged, while in Randolph County, a peanut trailer suffered \$7,000 damage.									
Irwin County	21	4:30 P.			0	0	4	3	0	0	Wind
		A strong thunderstorm with winds in excess of 50 knots ripped tin roofs from barns, uprooted trees, and laid corn stands flat in the Horseshoe Bend area of the county.									
Clayton County	23	5:15 P.			0	0	5	0	0	0	Flooding
		A thunderstorm with heavy rains moved through Clayton County with extensive damage being done by water seepage into basements of houses. Other houses in more flood-prone areas and flood waters sweep into the living quarters of the houses. A house bordering a creek in Ellenwood had a measured waterline of 3 feet 6 inches on the outside of the house. Most of the damage amount was structural damage to walls with additional damage being done to furniture, appliances, carpeting, and other personal belongings.									
Telfair County	24	7:30 P. 1/2	25	0	0	0	0	0	0	0	Tornado
		A possible tornado on radar at Macon WSO was confirmed by County police to have touched down briefly in an open field in southeast Telfair County. The tornado moved east-northeast.									
Ware County	25	8:00 P.			0	0	0	0	0	0	Funnel cloud
		A funnel cloud was sighted near Mandor by the sheriff's department. Funnel cloud moved to the south.									
Glynn County	25	11:25 P.			0	0	5	0	0	0	Lightning
		A fire ignited by lightning ravaged 4 Brunswick restaurant, resulting in severe damage to the building, and its inside contents.									
Carroll County	29	1:15 P.			0	0	4	0	0	0	Wind
		A downburst from a strong thunderstorm produced winds near 50 knots, blowing over trees, and causing power outages. One frame house suffered heavy damage from a fallen tree. The damage occurred in Villa Rica.									
Fulton County	29	1:30 P.			0	0	3	0	0	0	Wind
		Heavy thunderstorms with winds in excess of 50 mph moved through northwest Atlanta. Most of the damage was limited to fallen trees and power lines.									
Camden County	29	2:30 P.			0	0	0	0	0	0	Funnel cloud
		A funnel cloud was sighted aloft near St. Mary. The direction of movement was unknown.									
<b>HAWAII</b>											
Kealahouka, Hawaii Is.	21	4:30 pm			0	0	0	0	0	0	Waterspout
		Observed moving south 4 miles west of Kealahouka, Kona									
<b>IDAHO</b>											
Smelterville area, Shoshone County	14	8:30 p.			0	0	4	0	0	0	Flash Flood
		Grouse Creek flooded during a heavy rain storm and left up to a foot of mud in yards and in some basements in a five-block area of Smelterville. The heavy rain lasted less than 30 minutes, and 1.65 inches was measured at nearby Kellogg in about one hour. Water, mud, and debris were carried into the front door and out the back of two homes. Mud slides blocked a nearby road, and in Kellogg a bank collapsed allowing mud and debris to cover yards and streets.									
Cottonwood area, Idaho County	15	Afternoon	18	*3	0	0	0	0	5	0	Hail
		Hailstones about the size of mothballs turned streets white in Cottonwood and beat down gardens, plants, and flowers. The path extended from the Kootenaville area to Windona, and there were reports of damage in the Stiles area. Spring barley was damaged most; pea fields were hit hard; and wheat received lesser damage.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
ILLINOIS Northeast, West, Central, and East Sections	May 28-June 5				0	0	6	7	Heavy rain and Flooding
					Thunderstorms with very heavy rain gave localized areas in the Northeast and across the west, central, and eastern sections of the state as much as 14 inches of rain from May 28th to June 3rd. This resulted in flooding of farm fields, buildings, and roads. Between 50,000 to 100,000 acres of corn, soybeans, and wheat were damaged or destroyed as the flooding turned fields into lakes. River and creeks rose above floodstage causing more flooding and delayed drying of fields. In Iroquois county 40% of the topsoil was washed away. \$1 billion damage was done in Hancock county due to soil erosion. At the north end of Tazewell county, 20 square miles of land was under water and caused \$9 million damage to crops and buildings. On a farm near Eureka in Woodford County, about 300 pigs had to swim to safety. Many bridges and roads were washed out in the county. In Pontiac, Livingston County, 60 square blocks were flooded damaging basements and buildings. The Mississippi River rose 11 feet in two days at Lock # 21. Near Paxton, Ford County, 100 hogs drowned in the flooded field. The total damage caused by the rain was around \$20 million.				
Central and Southwest sections	1	6am-3pm			0	3	4	0	Wind
					Thunderstorms with high winds moved across the central portion of the state causing rather localized damage. At 6:05pm two mobile homes and two farms near, nearly destroyed by the strong winds one mile west of Latham in Logan County. The 2 persons in the mobile homes were injured. In Mazon, Madison County, the high winds blew off a roof from a metal shed, destroyed a garage, and damaged 2 homes. A mobile home was destroyed injuring one person. At 9:00am a thunderstorm moved into the southeast sections. In Jerseyville, Jersey county, high winds blew a shed off its foundation, bent corner posts, uprooted trees, and took metal roofs off barns scattering the metal several miles. Two farm wagons were overturned. The most damage in the Jerseyville area occurred near the intersection of Route 16 and Otterville road where two grain bins were blown apart and destroyed. A 310 foot cattle barn was destroyed by wind near Wellington in Will County. A camper builder near Wencha Marshall County had 28 of his campers destroyed with the tops blowing a half of a mile away. A roof of a apartment building in Wenona was torn off at one end. A roof of a warehouse was blown off from the winds and a concrete block wall was destroyed near Tolono, also in Marshall County. A small plane was blown through a fence and on top of a parked car at the University of Illinois Airport in Champaign County. The roof of the Pekin Post Office, Tazewell County, was blown off. A 30 foot grain bin was blown 150 yards and destroyed near Morrisonville in Christian County. At 9:55am 1 3/4 inch hail was reported in Alton, Madison County.				
Tuscola, Douglas County	1	7am	1	3	0	7	6	0	Tornado
					A tornado touched the ground in Tuscola and traveled about one mile. Most of the severe damage occurred in a 3-block area and the Okaw Trailer Park. 85 homes were damaged, 6 mobile homes destroyed, and 4 others damaged. Trees were uprooted and twisted. 7 persons were injured.				
Northern portion	1	10am-11am	?	?	0	0	0	3	Hail
					Thunderstorms continue to move across the northern portion of the state during the late morning hours, producing large hail in local areas. At 10:10am 1 3/4 inch hail was reported at Mazon in Grundy County. At the same time one inch hail fell on Astoria in Fulton County. Some crop damage occurred.				
Chicago, Cook County	1	10:30am			0	0	4	0	Lightning
					Lightning was the cause of a fire of a house in Chicago. The house was destroyed.				
West, Central and Eastern sections	2	12am-10pm	?	?	0	14	5	4	Hail, Wind, Lightning and Heavy rain.
					Thunderstorms entered the state shortly after mid-night from the west and continued to re-develop during the day, finally ending in the evening. Strong winds and large hail damaged buildings, blew down trees, and broke power lines. At 12:40am one inch hail fell on Eldonville in McDonough County. Ten minutes later, Macomb (also in McDonough County) reported 3/4 inch hail. Large hail continued to fall in many areas throughout the morning and afternoon. Some were as large as 3 inches in diameter. Crops, cars, and roofs were dented by the hail. Three fields 3 miles south of Gibson City, Ford County, were severely damaged by 3/4 inch hail. Lightning struck a 38,000 gallon oil refinery tank starting a fire which destroyed the tank, a shed, and a truck near Macomb. Two students were struck by lightning as they were walking near a tree on their way to class. They were both hit by flying bark when the tree was struck and they received burns at DeKalb, DeKalb County. The Danville area, Vermilion County, was one of the hardest hit with very strong winds as high as 78 knots and heavy rain. 2.35 inches of rain fell in 30 minutes causing flooding. Ten mobile homes and 3 homes were damaged, and 2 mobile homes and 1 building were destroyed. Five other buildings and a drive-in Theatre were also damaged. 12 persons were injured. Near Vermilion Lake 25 trees were blown over.				

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ILLINOIS (continued) Northeast section	5-6	11am-2am	?	?	0	0	5	3	Hail and Wind
					Thunderstorms with hail and high winds moved across northeast Illinois during the late morning of the 5th and continued until the early hours of the 6th. Lake Villa in Lake County reported 3/4 inch hail at 11:00am on the 5th. During the night much of the area received tree limb damage. Downers Grove, DePage County, had the most damage as high winds uprooted trees. A few roofs were damaged by tree limbs. At 12:45am 3/4 inch hail fell in McHenry, McHenry County. Roofs were blown off 3 apartment buildings in Waukegan, Lake County.				
North and Eastern sections	7	6am-5pm	?	?	0	0	7	4	Hail and Wind
					Thunderstorms with strong winds and very large hail moved into the north and eastern sections of the state. High winds blew down power lines and tree limbs while hail broke windows and dented roofs. The hail also caused some crop damage. At 8am large hail fell in Rockford, Winnebago County, with other areas reporting up to 3 inch hail. Near Sylvanore, DeKalb County, a barn was destroyed and the debris was scattered along a 100 yard wide and one-quarter mile long path. Part of a roof was blown off a home. A tall TV antenna was bent over several cars and damaged a boat. In the town itself, many large tree limbs blew down breaking power lines. Trees damaged a few mobile homes and car parts were destroyed. A few miles from town, trees blew down across a road and a silo was blown apart. During the afternoon two 10,000 bushel aluminum grain bins were damaged. One was blown into a pick-up truck. Lightning struck a chimney of a home in Barrington, Lake County, putting a crack in it. Northwest of Chabans, Iroquois, 2 to 3 inch hail broke 175 windows of a school. Near Clinton, DeWitt County, the construction site of the nuclear power plant was damaged by the wind. Two crane booms blew over on roofs of temporary buildings and the main building. It will cost \$4.4 million to repair the damage.				
Geneva, Kane County	7	1:38pm	?	?	0	0	0	?	Tornado
					A tornado touched down in an open field west of Geneva. No damage reported.				
Graymont, Livingston County	7	2pm-2:30pm	29	880	0	0	6	5	Tornado
					A tornado that first touched down 1 mile south of Graymont, Livingston County, stayed on the ground most of the time as it traveled 29 miles to near Roberts, Ford County. Along its path the tornado destroyed sheds, barns, and up-rooted trees. South of Pontiac near the intersection of McDowell and Weston a few corn cribs were damaged and a garage was separated from the house and moved into a field. A mobile home was destroyed. One mile north of Fairbury 6 buildings and 10 trees were damaged. Many out-buildings were damaged or destroyed. North of Forest 4 buildings of a Corn Belt Hatchery were damaged and a roof of a breeder building collapsed injuring or killing 50,000 chickens. Tree large power line towers costing \$150,000 were destroyed. One was twisted.				
Wilmette Harbor, Cook County	7	7am-1pm			0	0	3	0	Seiche
					At 7am thunderstorms moved from Wisconsin southeast over Lake Michigan. This caused a seiche and by 12:30pm Wilmette Harbor had 3 to 6 feet fluctuations. Several small boats were damaged in Wilmette Harbor.				
Chicago, Cook County	13	evening			3	1	0	0	Lightning
					Lightning struck and killed 3 persons and injured another as they were seeking shelter from a thunderstorm under a tree in a park.				
Central and East sections	15	12am-3am			0	0	0	0	Wind
					Winds gusting to 50 and 64 knots were reported in Macon and Champaign counties. Only minor damage occurred.				
Paris, Edgar County	16	3:20am			0	0	4	0	Lightning
					Lightning struck a barn 5 miles south of Paris which started a fire and destroyed the barn.				
Coles County	19	afternoon			0	0	3	0	Wind
					Strong winds blew down a sign from a building. A door was blown on top of a parked vehicle and power lines were blown down in Breese. At Carlyle Lake, several boats capsized. Five persons spent 14 hours in a lake when a storm gust of wind capsized their boat. No injuries were reported.				
Southern portion	28-29	16pm-3am			0	0	7	6	Wind
					Severe thunderstorms moved into southern Illinois during the afternoon and ended during the night. Winds as high as 80 knots damaged and destroyed buildings, uprooted trees, caused power failures, and damaged crops. In Murphysboro, Jackson County had 35% to 50% of the homes damaged. A roof of a guest house at the DuQuoin Fairgrounds was blown 100 feet into the air in Perry County. In Carbondale, Jackson County, a radio tower blew over, several boats in Minkaid Lake (west of the town) sank and several mobile homes were destroyed, and at the SIU Airport 9 small airplanes were destroyed. The orchards in the area were severely destroyed. Many barns and out-buildings were blown away and destroyed.				
Flat Rock, Crawford County	28	10:10pm			0	0	4	0	Lightning
					Lightning struck a gas line in Flat Rock causing a fire.				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
INDIANA	NO DATA RECEIVED								
IOWA									
Decatur, Wayne, Davis, Appanoose, Van Buren, Des Moines and Lee Counties	2	6A-9A	--	--	0	0	7	6	Severe Thunderstorm Flash Flooding
Two severe storms - one went through Van Buren and Lee Counties between 7-8AM CST produced very heavy rains and egg sized hail at Donnellson in Lee County. This hail heavily damaged several corn and soybean fields and dented cars. The second severe storm formed in Western Decatur County at 630A and produced three tornadoes (recorded separately), high winds, hail and very heavy rains. The storms moved east and high winds to 80 MPH did heavy damage in Decatur, Wayne, Appanoose, and Davis Counties. The roof was blown off the Grandstand at Davis County Fairgrounds. Several barns and outbuildings were destroyed. Many trees were blown down that fell on power lines, houses and cars. Heavy rains from the second storm, when combined with heavy rains of the first storm just 1 hour earlier caused flash flooding between 8-9A, CST, in Van Buren, Lee, and Southern Des Moines and Henry Counties. At Happy Hollow, a district of Ft. Madison in Lee County, water within one hour rose to 6 feet over the roadways lifting cars down the creeks and flooding the first floors of many houses. Many roads and low-lying areas were under water and severe erosion occurred to many plowed fields.									
4 Mi SW Allerton to 3 Mi SW Allerton to 4 Mi SE Allerton Wayne County	2	630A-640A	5	80	0	0	5	4	Tornado
A strong (F2) tornado touched down in a cornfield, moved NE and hit a train lifting six cars off the tracks. Tornado slammed into a farmstead twisting the house off the foundation and destroying a machine shed, barn and outbuildings. Tornado continued skipping along its path, finally taking a section of the roof before dissipating.									
2 Mi WSW Numa to South edge of Numa Appanoose County	2	7-704A	2	30	0	3	6	4	Tornado
A weak tornado touched down and moved NE destroying a half mile of power lines, then destroying a mobile home injuring 3 people. The tornado, damaged 10 homes before lifting.									
Cincinnati to Exline and Moulton (Appanoose County) to Wes-Grove (Davis County)	2	705-730A	20	80	0	5	6	4	Tornado
A weak tornado touched down destroying a mobile home and injuring its occupant. Tornado skipped along its path taking sections of roofs off three houses on the south side of Exline and destroying an unoccupied mobile home. Tornado continued NE striking Moulton damaging many trees, mobile homes, breaking windows and damaging the Masonic Lodge. All four people injured in Moulton were people in mobile homes.									
Ringgold, Decatur and Appanoose Counties	2	315-430P	--	--	0	0	6	5	Severe Storm
A severe storm produced one tornado (recorded separately), hail up to an inch in diameter and strong winds up to 70 MPH. Hail damaged crops. High winds uprooted trees which fell on power lines, cars and houses.									
East edge Lamoni to 1 Mi SW Davis City (Decatur County) to North edge Lineville to 11 Mi South Corydon (Wayne County)	2	325-350P	32	140	0	0	6	4	Tornado
Violent tornado (F4) touched down and moved east destroying many trees. Tornado continued to grow and completely destroyed a farm house 1 Mi SW Davis City. Tornado weakened and turned ESE striking north of Lineville where roof was taken off a Fertilizer Plant, car destroyed and storage bins were demolished. Tornado continued on and finally lifted 11 Mi South of Corydon.									
Central Delaware and Dubuque Counties	2	445-530P	--	--	0	0	6	5	Severe Storm
Severe storm produced one tornado (recorded separately), hail up to golf ball size and high winds to 70 MPH. Hail damaged crops, dented cars and cracked windshields, and broke 200 windows in Epworth. The high winds damaged many farm outbuildings, uprooted trees that fell on power lines and houses. A large warehouse and a trailer were destroyed by high winds in Earlville. Heavy rains of two inches in 15 minutes washed out many crops.									
1 Mi S Epworth Dubuque County	2	520-527P	5	50	0	0	5	4	Tornado
Weak tornado touched down and moved east damaging five farmsteads, mostly outbuildings and windows in the farm houses, before lifting.									
Shelby, Eastern Pottawattamie, Cass, Audubon, Adair and Madison Counties	6	630-930A	--	--	0	7	7	7	Severe Thunderstorm
Severe storm formed over Shelby and Eastern Pottawattamie Counties, moved east-southeast and produced large hail up to softball size and 80 MPH winds. Hail ruined crops, broke windows, damaged roofs and dented cars. High winds uprooted trees that fell on power lines and cars. High winds injured seven people in Lake Anita State Park when these winds blew over several campers.									
Dallas, Polk, Marion and Mahaska Counties	6	1130A-200P	--	--	0	0	5	7	Severe Thunderstorm
Severe thunderstorm formed in Eastern Dallas County and moved southeast producing one tornado (recorded separately), hail up to tennis ball size. Another severe storm formed an hour later and this storm produced golfball size hail in Dallas Center and Grimes and Northern Des Moines. Hail from these storms ruined crops, dented cars, and broke windows in Dallas Center, Grimes and Des Moines. Hail damaged crops in Central Marion County and in Western Mahaska County.									
West Des Moines Polk County	6	1200Noon	3	40	0	0	5	0	Tornado
Weak tornado touched down and broke windows in 30 parked cars, broke windows in building on 35th Street. Tornado skipped and touched down on 8th Street damaging many trees. Tornado then touched down at First and Grand where an ornamental boat from a restaurant was picked up and landed on a car. Windows were broken at a tire store before lifting and dissipating.									
IOWA (continued)									
Pocahontas, Humboldt, Wright, Southern Franklin, Northern Hamilton, Hardin and Grundy Counties	6	230-530P	--	--	0	0	7	7	Severe Thunderstorm
A very devastating severe thunderstorm formed in Pocahontas County, moved ESE producing a wide band of hail up to baseball size that devastated crops, broke numerous windows, dented cars and broke windshields and stripped trees. The storm produced winds to 60 MPH that uprooted trees that fell on houses and power lines. The storm dissipated in Grundy County. The damage to crops from this storm was estimated to nearly 30 million dollars.									
Jesup Black Hawk County	6	625P	--	--	0	0	4	4	Severe Thunderstorm
Hail to one inch in diameter did extensive damage to crops and dented cars.									
Jackson County - Northeast Corner Clinton County	6	815-940P	--	--	0	0	4	5	Severe Storm-Hail
A severe storm produced golfball size hail that dented cars and cracked windshields.									
1 Mi NW Brunsville to 1 Mi W Lemars Plymouth County	6	1105P	4	40	0	0	6	4	Tornado
A weak tornado touched down damaging a farm then striking the town of Brunsville. The tornado continued SE skipping along a path, damaging outbuildings on several farms and trees before lifting.									
Southern Buena Vista, Southern Pocahontas, Northern Calhoun, Southern Humboldt and Webster Counties	7	1230-230A	--	--	0	0	5	6	Severe Thunderstorm
A severe storm formed in Cherokee County and moved SE. Storm produced hail and high winds. Hail to golfball size destroyed crops. High winds blew down trees that fell on power lines and houses.									
7 Mi East Milo Warren County	7	610A	--	--	0	0	0	0	Funnel Cloud
A pilot reported a funnel cloud came out of the clouds and moved east for 5 minutes before going back into the clouds. The thunderstorm associated with the funnel produced 3/4 inch hail 2 Mi north of Lacona but did little damage.									
Charlotte Clinton County	7	1130A	--	--	0	0	5	5	Severe Thunderstorm
A severe thunderstorm produced hail up to golfball size that cracked windshields, broke windows, dented cars and damaged crops and roofs.									
Argo Scott County	7	1130A	--	--	0	0	4	4	Severe Thunderstorm
A severe storm produced hail up to golfball size that cracked some windows, dented cars and damaged crops.									
Kossuth, Humboldt, Webster, Hamilton, and Story Counties	13	430-11P	--	--	0	0	4	5	Severe Storm - Heavy Rain
Several severe storms produced very heavy rains that flooded fields and damaged voting crops. Golfball size hail damaged crops 2 Mi west Humboldt and near Kaharr in Hamilton County. Golfball size hail dented cars in Fort Dodge. High winds up to 60 MPH blew down trees that fell on power lines in Eagle Grove and winds blew out windows in Fort Dodge and Story City.									
Mallard Palo Alto County	13	440P	--	--	0	0	5	4	Funnel Cloud/wind
Funnel cloud came out of the clouds and moved east for 10 minutes before dissipating.									
Shambaugh to College Springs Page County	12	530-645P	--	--	0	0	5	4	Severe Thunderstorm
High winds of 75 MPH blew down many trees, tore off barn roofs and blew over many outbuildings.									
Southern Dallas, Northern and Eastern Madison, Southwestern Warren and Northern Lucas Counties	14	620-745P	--	--	0	2	7	7	Severe Thunderstorm
A severe storm formed in Guthrie County moved SE and produced hail to softball size that completely whipped out crops, destroyed cars by breaking windshields, and putting huge dents all over the automobile. Every north window was broken in Earlham, Winterset, St. Charles, St. Marys, New Virginia and Woodbine. Hail penetrated the roofs of some houses and went right through roofs, walls and doors of some mobile homes. One hundred head of hogs were killed as well as numerous rabbits and birds. Bark was stripped off trees and the ground had pockets 8 inches in diameter. Two people, one on I-35 near St. Marys and the other in Woodbine were injured when they were hit by hail. This storm also produced a tornado (recorded separately).									
4SE Hardy Humboldt County	13	602P	.1	20	0	0	4	0	Tornado
A weak tornado struck a farm destroying a corn crib and machine shed. The tornado tore off the roof of a barn before lifting and dissipating.									
4 Mi North New Virginia (Warren County) to 7 Mi North Woodbine (Clark County)	14	705-735P	13	30	0	0	5	0	Tornadoes
Two weak tornadoes within 100 yards of each other skipped along paths destroying trees and an empty mobile home and a hog house.									
Marne to Atlantic (Cass) to Fontanelle (Adair)	14	830-930P	--	--	0	0	7	7	Severe Thunderstorm
A severe thunderstorm formed in Harrison County and produced hail up to tennis ball size and high winds to 70 MPH. Most of the hail occurred in Marne-Atlantic area where crops were totally wiped out, windows broken, cars dented and roofs damaged. The high winds blew down trees which fell on power lines and houses.									
Southern Half Van Buren County	14	9-945P	--	--	0	0	7	7	Severe Thunderstorm
A severe thunderstorm produced one tornado (recorded separately) and high winds to 70 MPH. Hail from golfball to tennis ball size destroyed crops, broke windows in many homes and businesses and dented many cars. Heavy rain washed out young crops and caused much soil erosion.									
7 Mi WSW Keosauqua to 5 Mi SE Keosauqua (Van Buren County)	14	923-935P	8	30	0	0	4	4	Tornado
A weak tornado touched down destroying a pole barn and moved south-east, twisting many trees before destroying another pole barn. Tornado then lifted.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>IOWA (continued)</b>									
Cedar Falls to Waterloo Black Hawk County	15	230-530A	--	--	0	0	7	4	Flash Flood
Three and one-third inches of rain fell in less than one hour over saturated soil and caused creeks to rise within an hour overflowing their banks. Dry Run Creek in Cedar Falls washed 10 cars from a parking lot. Water filled many basements and some basement walls caved in. Most houses in the affected area had large cracks which had to be repaired.									
Atalissa Muscatine County	17	1120P	.2	20	0	0	4	3	Tornado
A weak tornado touched down destroying a barn and some cornfields before lifting back into the clouds.									
Warren and Eastern Marion Counties	18	1230-130P	--	--	0	0	6	0	Severe Storm
A severe storm formed in Northwest Warren County and moved Southeast. This storm produced hail up to golfball size with many areas completely covered with 6-8 inches deep. The hail broke windows, cracked windshields and destroyed many corn fields.									
Hornick (Woodbury County) to Moorhead (Monona County)	18	1230-130P	--	--	0	0	6	6	Severe Storm
A severe storm produced hail to golfball size which destroyed crops and dented cars in a 3-mile by 10-mile long area.									
Southern Boone, South- ern Story, Polk, East- ern Warren and Marion Counties	18	230-530P	--	--	0	0	7	6	Severe Storm
A severe storm formed in Boone and another in Story County, moving SSE. These storms produced winds to 60 MPH and hail to baseball size. Hail broke windows and windshields in cars, dented cars, damaged roofs and did extensive damage to crops.									
Miller Hancock County	27	630P	.1	20	0	0	4	3	Tornado
A weak tornado touched down and moved southeast cutting down trees and power lines and the church steeple before going back into the clouds.									
1 Mi NNE Clear Lake Cerro Gordo County	27	635P	--	--	0	0	0	0	Funnel Cloud
Funnel came out of the clouds, moved SE and then went back into the clouds after 5 minutes.									
North Central and Northeast	27	6P-1A	--	--	0	0	6	5	Severe Thunderstorms
A line of severe thunderstorms began in North Central Iowa moved southeast into Northeast and East Central Iowa before moving out of the state. These storms produced hail to golfball size. Two tornadoes (recorded separately) and several funnel clouds. High winds blew down trees that fell on power lines and cars. Many outbuildings on many farms were also damaged.									
West Edge Davenport Scott County	28	0005A	.1	20	0	0	3	0	Tornado
A weak tornado touched down briefly damaging a house before lifting and dissipating.									
<b>KANSAS</b>									
Cheyenne County	2	1:15 a			0	0	0	5	Hail, Wind
Hail from 1/2 to 3/4 of an inch accompanied by high winds damaged 4000 acres of wheat and 3000 acres of hay.									
Osage, Franklin Counties	4	10:00 a to 1:00 p	60	*15	0	0	5	5	Damaging Wind, Flash Flood
Intense thunderstorms beginning around Eskridge moved east southeast down the Marais Des Cygnes River Basin to just east of Ottawa along a 15 mile wide path. Storms produced localized severe down burst winds and very heavy rain to cause considerable crop and property damage. Most intense property damage occurred on Ponona Reservoir where the Marina suffered over \$60,000 loss alone. A recording rain gage at Burlingame indicated rainfall of 2.80 inches in 1/2 hour and 4.50 inches in one hour and certainty of record or near record proportions. Otherwise rains were from generally 1-3 inches.									
Southeast Morton, Southwest Stevens Counties	10	4:00 p to 4:45 p			0	0	0	0	Hail
Few hailstones to 1 inch diameter.									
Rawlins, Decatur, Sherman, Sheridan, Wallace, Logan, Greeley, Wichita, and Scott Counties	15- 16				0	0	6	7	Hail, Wind
Severe thunderstorms accompanied by hail and high winds took a very heavy toll on growing crops. Three hundred eighty thousand acres were damaged or destroyed. Wheat and corn suffered the greatest crop damage. Damage was also reported to grain sorghum, alfalfa, sugar beets and pinto beans. Damage to property was mostly to homes, farm buildings, and machinery. In addition, 37 power poles were downed in northern Wichita County around midnight. Golf ball size hail was reported at Kanorado at 8:30 p, and at Ruleton at 9:30 p. Baseball size hail fell at Sharon Springs at 2:30 a. Numerous other accounts of large hail around the area were published in local newspapers.									
South Ford, Clark, Kiowa, Comanche, and Southwest Barber Counties	16	6:00 a to 9:00 a	100	*2-6	0	0	6	7	Hail, Wind
Path 2-6 miles wide in southwest Ford County, southeast to southwest Barber County toward Oklahoma. Damage mostly from hail of 1 to 2 inches diameter, some stones 2-1/2 to 3 inches. Some wind damage to farm and city buildings.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>KANSAS (continued)</b>									
Harper County	16	9:10 a			0	0	0	4	Damaging Wind, Heavy Rain
Heavy thunderstorms moved through Harper County. Harper County Sheriff reported strong damaging winds and heavy rains at Anthony with most serious damage to the wheat crop.									
Sumner County	16	9:07 a			0	0	0	4	Heavy Rain
Turnpike Authority reported very heavy rains with some damage to wheat crop in Sumner County.									
Butler County	19	3:45 p			0	0	5	0	Hail, Damaging Wind
Thunderstorms developed in Harvey County and moved southeast into Butler County. Golf ball size hail and winds estimated 60 to 70 miles per hour did extensive damage to homes and buildings in El Dorado.									
Kearny, Finney, Gray, Ford, Kiowa, and Comanche Counties	19	8:00 p to 11:15 p	135	*4-8	0	0	4	4	Hail, Wind
Very strong winds from Lakin east southeast to Garden City, Cimarron, Dodge City to northeast Comanche County. Winds estimated at 65 miles per hour near Lakin, recorded at 69 miles per hour at Garden City, 50 miles per hour at Dodge City, and estimated at 65 miles per hour in Gray and Western Ford Counties. Hail in small area of northeast Comanche County and southeast Kiowa County at 11:15 p to 1 inch diameter. Losses all resulted from damaging winds.									
Greeley and Wallace Counties	19	Evening			0	0	5	7	Hail, Wind
Hail and high winds heavily damaged crops in Greeley and Wallace Counties. Golf ball size hail was reported in southern Wallace County at 7:00 p.									
Wallace County	20	7:30 p			0	0	0	5	Hail, Wind
Winds to 70 miles per hour and marble size hail struck extreme southeast corner of county inflicting considerable crop damage.									
Cheyenne County	29	2:30 p			0	0	0	5	Hail, Wind
High winds and hail to marble size crossed Cheyenne County damaging approximately 5,000 acres of wheat.									
Sherman County	29	7:55 p			0	0	0	5	Hail
Golf ball size hail fell at Kanorado at 7:55 p. Baseball size hail was reported southwest of Ruleton at 8:27 p. Minimal crop damage.									
Wallace County	29	9:45 p			0	0	5	6	Wind, Hail
Severe thunderstorms raked the Sharon Springs area of Wallace County inflicting damage to trees, mobile homes, farm buildings and a number of utility poles. Two hangars at the local airport were damaged along with three light aircraft. The storms also caused some damage to crops in the area.									
<b>SPECIAL HAIL SUMMARY</b>									
Hail Loss Clearing House reports indicate hail was especially severe on the following dates in the following counties:									
2 Cheyenne, Decatur, Jewell, Rawlins									
4 Osage									
10 Morton									
13 Lincoln									
15 Lane, Logan, Sheridan, Sherman, Wallace, Wichita									
16 Barber, Clark, Comanche, Decatur, Ford, Gray, Greeley, Harper, Kiowa, Lincoln, Logan, Rawlins, Sheridan, Sherman, Wallace, Wichita									
17 Kiowa, Pratt									
18 Hamilton, Stanton, Sumner									
19 Butler, Finney, Greeley, Hamilton, Harper, Kearny, Marion, Sumner, Wallace, Wichita									
21 Hamilton, Stott, Smith, Wallace									
22 Doniphan, Smith									
23 Jefferson, Labette									
29 Haskell, Seward									



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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		
<b>KENTUCKY</b>										
Hopkins CY	3	Eve				4			Svr Tstm	
									Winds of 70-80 MPH caused considerable damage in the Madisonville area. The main damage was to a grocery store whose roof was partially blown off. Two air planes were overturned.	
Mercer & Washington CYS	7	11PM EDT				5			Svr Tstm	
									High winds caused considerable damage at Rose Hill, Mackville, and Battle. A church was heavily damaged in Washington CY. Most of the damage elsewhere was to roofs, sheds, trees, and garages.	
Jefferson, Bullitt, Spencer, and Nelson CYS	7	9PM EDT				4			Svr Tstms	
									Winds of greater than 60 MPH caused damage over a wide area. Five of the 6 TV stations were knocked off the air by intense lightning. Almost 3 inches of rain fell over Eastern Jefferson CY in 30 minutes.	
Hancock CY	8	12:15AM EDT				4			Svr Tstm	
									High winds toppled numerous trees and caused scattered damage to buildings throughout the area.	
Fayette CY	10	6AM EDT	3	30	0	0	4		Tornado	
									A tornado touched down in downtown Lexington at Patterson St. It hopped and jumped for about 3 miles moving ESE at 35 MPH. Numerous trees were down, power lines were down and windows were broken. But, overall, the damage was relatively light.	
<b>LOUISIANA</b>										
Rapides Parish	8	4PM			1	0	0	0	Lightning	
									Lightning struck a 46 year old man while he was standing under a tree near a lake. Knocked unconscious, he never regained consciousness and died 10 days later. The incident took place near Kincaid Lake.	
Ouachita Parish	19	Unknown			0	0	4	0	Thunderstorm	
									Thunderstorm winds estimated at 55 mph knocked over the wall of a warehouse in Monroe with some minor roof damage also.	
Southwest	20	3 to 5:30 PM			0	4	5	0	Thunderstorms	
									Heavy thunderstorms moving across southwest Louisiana first moved through Vinton and Lake Charles in Calcasieu Parish with winds clocked at 67 mph leaving only minor damage. The thunderstorms continued towards the east into Vermillion Parish around 5 PM where winds estimated at 50 mph knocked over trees and power lines. By 5:30 PM the thunderstorms were in St. Mary Parish destroying a mobile home in Centerville and a shed and trailer in Baldwin. However the town of Jennings in Jefferson Davis Parish had the most severe thunderstorm. Winds estimated near 100 mph did considerable damage destroying several metal buildings, sheds, barns, mobile homes and doing widespread roof and tree damage. A tractor trailer truck was blown over, and airplane and hangar at local airport was destroyed. Three people in motel parking lot had minor injuries when roof of hotel was blown down on top of them. Another woman also had minor injuries when the mobile home she was in was rolled over.	
St. Mary Parish	23	4 PM			0	0	4	0	Thunderstorm	
									Thunderstorm hit Stephensville in St. Mary Parish with minor damage to trailers, house roofs plus destroying a store roof and a boat shed.	
<b>MAINE</b>										
Kennebunk, York County	20	5:25p			0	0	3	0	Lightning	
									A vacant house on Svergreen Street was struck by lightning and caused a smoldering fire which was quickly contained by firefighters.	
Bangor, Penobscot County	25	6-6:30p			0	0	4	0	Wind and Rain	
									High winds and heavy downpours caused several large trees to be uprooted or splintered along a narrow half-mile strip of outer Ohio Street. The felled trees damaged buildings and motor vehicles. Power outages were confined to that Ohio Street section. Visibility was reduced briefly to less than 25 feet.	
Belgrade Lakes area, Waterville, Kennebec County	26	2-4:00p			0	0	4	0	Thunderstorm	
									Downed power lines from felled tree limbs caused widespread blackouts for several hours. Lightning struck a power transformer at the Morning Sentinel Building in Waterville, causing a small fire in the power panel.	
Bridgewater Area, Aroostook County	27	2:05a			0	0	3	0	Lightning	
									Lightning struck the Bridgewater Substation, setting fire to a support structure and damaging a conductor for a 69,000 volt transmission line. Bridgewater residents without power from 2:05 a until 7:36a. Several lumber & paper companies were on reduced power until 8:55 a.	
<b>MARYLAND &amp; D.C.</b>										
North Central	1	5:00 p - 6:00 p				0	0	0	0	Wind
										Gusty winds caused power outages through northern Carroll and Frederick Counties and eastern Washington County. Downed trees also blocked several roads.
Crellin (nr), Garrett County	3	2:55 p	4	115	0	4	5	4	4	Tornado
										Tornado moved from the vicinity of Crellin near the West Virginia line, east-southeastward in an apparent non-continuous path to across Backbone Mountain. One person observed the funnel approaching with debris floating around it. At least two mobile homes were demolished. The family in one narrowly escaping by flattening out on the kitchen floor. A man was picked up as he attempted to leave another trailer, and was carried nearly 50 feet. He was listed in satisfactory condition with a fractured ankle and lacerations. Property on 12 farms received various damage and a large metal building belonging to a sand company was destroyed. In addition, some 15 homes in the vicinity of Crellin were damaged, and many trees were uprooted. One nearly destroyed a home when it fell through the roof. Total property damage estimated at near \$300,000. with crop damage estimated at around \$40,000.
Statewide & District of Columbia	3					0	10	6	6	Wind, Hail, Rain Lightning
										Squall lines moved southeastward across the state, beginning around 3PM in Garrett County to around 6:30PM over Wicomico County. Winds were measured up to 70 mph in some areas with one inch-diameter hail prevalent. In Dundalk, roofs of three homes were taken off and trees fell, crushing several autos and causing 6 minor injuries. Tree and roof damage was reported in the Washington, D.C. area as well. In Salisbury one trailer home was blown over and another heavily damaged, with minor injuries to 4 persons reported. Extensive damage from hail occurred over the south central and Eastern Shore counties. Farmers in Calvert and Dorchester Counties reporting over one million dollars in damages. Total damage estimated as follows: Hail = \$2,290,000; Wind = \$1,450,000; Rain = \$90,000; Lightning = \$45,000. Of the \$3,875,000 grand total, 1 2/2 million was crop damage.
Frederick	8	1:00 p				0	1	2	0	Wind
										A gust of wind lifted a glass pane from a counter, striking a lady passerby.
Chesapeake Bay & North Central	8	2:00 p				1	0	0	0	Wind
										One of two occupants drowned when 45 mph wind gusts capsized the catamaran in which they were sailing. Scattered tree and power line damage was reported over Baltimore, Carroll and Harford Counties.
District of Columbia, Central and NE	15	Afternoon - Evening				4	2	5	4	Wind, Lightning, Hail
										Man running to take cover during a severe thunderstorm was struck and killed by a falling tree limb during a picnic at Fort McNair, SW Washington, D.C. The severe activity extended northeastward across Charles and Prince Georges Counties into Harford and Cecil Counties. Over 100,000 households were affected by power outages in the Baltimore-Washington area, as 70 mph winds knocked down trees by the hundreds, along with power lines: smashed barns and sheds and blew out windows. At Rocky Forge Reservoir, Roward County, a man and child drowned when their 12-foot boat was swamped. and off Ft. Washington, Prince Georges County, a man also drowned when his sailboat capsized. In the Jarrattsville - Bel Air - Churchville area 65 mph winds and golfball-sized hail caused extensive crop damage, while hundreds of trees were uprooted, blocking many roads. Lightning hit set fire to a home in Bowie, causing \$25,000 damage. and destroyed a sailboat off Kentport Beach. One person was injured in Washington, D.C. when wind overturned a trailer. Near Warwick, Kent County, a woman was operating an electrical milking machine when lightning struck nearby. The surge travelled into the equipment striking her and causing partial paralysis. Damage: Wind = \$62,000; Lightning = \$50,000; Hail = \$40,000.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>MARYLAND &amp; D.C. (continued)</b>									
Statewide	29	2:00 p - 5:00 p			0	12	6	5	Wind, Hail, Rain
Violent thunderstorms swept southward across the state, beginning near the Pennsylvania border around 2PM and reaching the southern-most counties around 5PM. Widespread damage occurred from 70 to 90 mph winds felling trees on homes and autos, and partially or completely removing roofs from many buildings. Winds wreaked havoc at the Baltimore Zoo around 3PM as trees crashed down and created an atmosphere of panic among the Sunday crowd. Five persons were injured and some \$500,000 damage was done to zoo property, including the loss of two large birds. A huge crane at Baltimore Harbor, valued at two million dollars, was nearly a total loss when it blew over. On the Eastern Shore, the Belchester marina had around \$125,000 damage to buildings and piers. At Sudlersville an auto body shop wall and a portion of roof collapsed, brushing 8 vehicles but resulting in only minor injuries to 7 workmen. Elsewhere... a Glen Burnie store had roof and contents damaged due to wind and rain water... land in Baldwin, Baltimore County, six cows valued at \$1,200 each, were killed by a lightning bolt. Total damage was estimated as follows: Wind = \$1,500,000; Hail = \$500,000; Rain = \$20,000; Lightning = \$80,000.									
Aberdeen	29	3:30 p	2	150	0	10	5	0	Tornado
Tornado was observed by several people as it moved in a SW to NE path through the Aberdeen military reservation, devastating a trailer park. Of 24 trailer homes, 7 were totally destroyed and the rest had varying degrees of damage. Injuries were mostly minor... including one 200-pound man who was lifted and carried some 30 feet across a field, suffering only scrapes and bruises. Total damage was estimated at over \$250,000.									
<b>MASSACHUSETTS</b>									
NO DATA RECEIVED									
<b>MICHIGAN</b>									
Moscow, Hillsdale Co.	1	Afternoon			0	0	0	0	Thunderstorm and Hail
A short hail storm and winds gusting to 60 miles per hour.									
2W Constantine, St. Joseph county.	2	8:54PM			1	1	0	0	Lightning
Pitcher killed, one other player in softball game stunned.									
Washtenaw, Wayne, Hillsdale, Lenawee, and Monroe counties.	2-3	6PM-2AM					5		Thunderstorms
Widespread wind and lightning damage. Some local flooding. Tornado, funnel clouds, hail, and lightning listed below were part of this storm.									
North Adams, Hillsdale county.	2	6-7PM			0	1	2	0	Lightning
Lightning struck and destroyed chimney, then continued to basement and injured man working on air-conditioner.									
Waldron, Hillsdale county.	2	Evening							Hail
Hailstones 3/4 inch.									
5S Ypsilanti, Washtenaw county	2	Evening							Hail
Hailstones 1 1/2 inch.									
2E Manchester, Washtenaw county.	3	12:35AM					3		Tornado
Brief touchdown uprooted tree and moved stored boat. Roar heard.									
Monroe and Hillsdale counties.	3	before			0	0	0	0	Funnel Clouds
Nine sightings of funnel clouds were reported in Monroe county and one in Hillsdale county.									
4SW Northport, Leelanau county.	6	2:15AM					4		Lightning
House destroyed by fire.									
Berrien, Allegan, Van Buren, and Cass counties.	6	2AM-6AM					4		Thunderstorms
Wind and lightning damage to many buildings. Trees and power lines down. Tornado listed below was part of this storm.									
3N Niles, Berrien Co.	6	3:20AM					4		Tornado
Unroofed one house and destroyed garage. Damaged several nearby buildings and trees. Roaring noise heard. Funnel aloft had been observed a few minutes earlier at Three Oaks.									
Area bounded by Manistee, Mt. Pleasant, Brighton, and Hillsdale counties.	7	6AM-12noon				2			Thunderstorms.
2 persons injured, near Dowagiac, one by collapse of building under construction, one burned as falling tree shorted power line. Many buildings damaged. Much local flooding. Trees and power lines down. Tornado, funnel clouds, lightning, and hail listed below were part of this storm.									
4W Holland, Ottawa county.	7	6:50AM			0	2	0	0	Lightning
Lightning struck campsite in Holland State Park. Two men treated for second degree burns.									
Gun Lake, Barry Co.	7	morning			0	0	3	C	Hail
Hailstones up to 2 inches. Strawberry crops destroyed. Golf course greens damaged. Automobiles dented.									
Bangor and Hastings. Van Buren & Barry counties.	7	9-9:30AM			0	0	1		Hail
Hailstones 1-1 1/2 inch.									
8SW Fremont, Newaygo county.	7	9:28AM							Funnel Cloud

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					KILLED	INJURED	PROPERTY	CROPS		
<b>MICHIGAN (continued)</b>										
4S Fremont, Newaygo county.	7	10:13AM							Funnel Cloud	
12SW Newaygo, Newaygo County.	7	morning							Funnel Cloud	
Barry county	7	10-11AM							Funnel Clouds	
Several scattered reports.										
3SW Hubbardston, Ionia county	7	10:20AM					3		Tornado	
Barn unroofed. Several outbuildings flattened. Minor damage to other buildings. Funnel aloft had been seen to dip from clouds several times along a path reaching 13 miles to the west south-west.										
Near Mt. Pleasant, Isabella county	7	11AM							Funnel Cloud	
Livingston county	7	11-12AM							Funnel Clouds	
2 reports.										
Area south of Benton Harbor-Kalamazoo, Jackson and Monroe.	7	3-7PM					5		Thunderstorms	
Gusts 50 to 70 mph in many places. Buildings and vehicles damaged. Trees and power lines down. Widespread local flooding. Tornado, funnel clouds, hail and lightning listed below were part of this storm.										
1.5SW Keeler, Van Buren county.	7	3:40PM			0	0	0	0	Hail	
3/4 inch hail, between Keeler and Sister Lakes.										
Cass and St. Joseph counties.	7	3-5PM				0	4	0	Lightning	
3 persons injured near Dowagiac, 1 near Centerville.										
Marcellus, Cass county.	7	4:10PM							Tornado	
"Swirling cloud full of debris" moved into village after barn just to the west had been destroyed. Sticks driven into ground, through car windows and building siding.										
NW Jackson, Jackson county	7	5:32PM							Funnel Cloud	
Travelling northeast.										
W Dundee, Monroe county.	7	6:30PM							Funnel Cloud	
Moving northeast.										
Central Lower Peninsula.	14	8-10PM					4		Lightning	
Mobile home and house under construction burned at Lake Ogemaw in Ogemaw county, report home near Harrison in Clare county, and barn near Eaton Rapids in Eaton county.										
Gladwin, Bay, Saginaw, Tuscola, and Huron counties.	26	3-7PM					4		Thunderstorms	
Gusty winds to 70 mph and heavy rain. Many trees and power lines down. Minor damage to buildings.										
<b>MINNESOTA</b>										
Hendricks, Lincoln County	4	1 pm	--	--	--	--	4	--	Wind	
Wind gusting to 60 mph; was the first severe storm of the current season. The storm was of short duration and included heavy rain and pea size hail. Wind damage consisted of downed tree limbs and minor damage to gardens.										
Wilkin, Ottertail, Wadena Counties	4	12:30pm	--	--	--	--	5	--	Wind	
Thunderstorm winds but very little rain or hail moved across the three counties. Winds as high as 85mph were observed on equipment at the Fergus Falls airport at 3:45 pm. Most sustained winds were estimated 60-80 mph. Hangers collapsed and some aircraft damaged at the airport and other private fields. Perhaps as many as 500 trees were either knocked over or twisted badly by the wind. Particularly hard hit was the north shore of Ottertail Lake. The 80 mph southwesterly winds whipped up 4-5 ft. waves which slammed into north shore resorts damaging docks, boats and other facilities. In Wadena County, the wind damaged farm buildings and some equipment.										
Fillmore, Winona, Olmsted	5	8:00 pm	--	--	--	--	4	--	Lightning	
Lightning hit a barn near Chatfield destroying equipment, feed, eleven calves and a cow.										
Goodhue, Red Wing	5	9:00 pm	--	--	--	--	1	0	0	Wind and rain
Heavy rain reduced visibility of one motorist causing the driver to lose control of his car.										
Goodhue, Wabasha, Winona, Houston Counties	5	9:00 pm	--	--	--	--	5	--	Wind	
Numerous damage reports resulted when thunderstorms moved toward Wisconsin. Barn and other farm buildings were notably hard hit in these counties. In the city of Winona alone, around 300 trees were ruined.										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MINNESOTA (continued)</b>									
Winona County, Lewiston	5	8:52 p.m.	4-1/2 miles	100	0	0	5	0	Tornado 2-2-2
									Three funnel clouds formed about 8:45 p.m. near a farm 1-1/2 miles southeast of Lewiston. Two farmers watched the funnels as they appeared to travel in a wide arc, touch down and strike a farm nearby. Owners of that farm confirmed that the tornado had struck from the north. The touchdown travelled 4-5 miles. Buildings at the site, except for the house were destroyed. Some livestock injured.
Olmsted, Winona, Goodhue Dodge and Wabasha Counties	5	8:05 pm	--	--	0	0	4	0	Funnel Clouds, Wind/Tornadoes
									Several funnel clouds were reported and some of these reports may be duplicates of the same funnel. The first: 2 miles southeast of Rochester airport at 8:06 pm a group of five funnel clouds was observed in Concord Township in Dodge County travelling toward the southeast. They were described as 5 finger, 50 feet off the ground; none was observed to touch down but the damage path was estimated as 4 miles long and 1 mile wide. At 8:54 a funnel was reported 6 miles southeast of Byron and could have been the same one as previously mentioned. A touchdown was observed but no damage was reported. Other funnel reports include northwest section of Rochester at 9:01 pm, another east of Byron at 9:07, unconfirmed touchdown east of Plainview at 9:11 pm, unconfirmed tornado at Rushford at 9:20 pm. Beginning west of Rochester again - Sheriff reported tornado northwest of Hayfield at 9:25. One inch hail and high winds in Byron 9:35 pm. Two unconfirmed touchdowns 2 miles west of Lyle at 9:15. The funnels appear to be of the multiple or "family" type so an exact counting is impossible.
Ottertail, Becker Counties	5	3:00 pm	3	*1/2	0	0	0	4	Hail
									Along the eastern portions of the common borders, golf ball size hail 1/2 mile wide and 3 miles long.
Crow Wing, Aitkin Counties, Pine Center, Aitkin	5	7:00 pm	--	--	0	0	4	3	Hail, Wind
									Marble to egg size hail covered the ground to a depth of 1-2 inches along a 3 mile wide path from Sq. Mathias TWP to Pine Center. Wind of 60-70 mph damaged some mobile homes and trees in Aitkin.
Sibley, Scott, Dakota Washington Counties	7	1 a-2am	--	--	0	4	6	7	Wind
									Severe thunderstorms, accompanied by winds up to 90 miles an hour, golfball size hail, lightning, and heavy rain caused extensive damage in a 4-county area of southeast Minnesota. Main track of straight line winds was south of Minneapolis/St. Paul metropolitan area on a west-southwest to east-northeast trajectory. Extensive hail damage in Sibley and Scott counties with many reports of completely destroyed corn and bean fields. Elsewhere damage was mainly wind damage which included scores of damaged homes, hundreds of trees, many up to 5 feet in diameter, numerous mobile homes destroyed or damaged, farm buildings leveled, and electric power interrupted for approximately 35,000 customers. Real and personal property damage, and damage to field crops, in Scott county alone was estimated at \$1.4 Million and \$4 million respectively. Estimates for cleanup in Hastings and Farmington exceeded \$100,000. This storm was termed "One of the worst storms seen in 30 years".
Green Lake, North Kandiyohi County	11	8 pm	--	--	0	0	3	0	Wind
									Wind exceeding 50 mph damaged boats and docks, downed trees, and caused other minor damage along the north and west shores of Green Lake.
Northeast Cook, St. Louis County	12	8:15 pm	1	50	0	0	4	0	Tornado 1-1-1
									Tornado touched down briefly before ascending to cloud and continuing northeastward. Extensive damage at Vermilion Dam Lodge included four boats, three canoes, two 18-horsepower motors, and a water wheel. A large wooden sign away from the tornado's path was pulled from building. At one side of the dock, boats were piled in a teepee arrangement. Destroyed boats were found a half-mile in the woods across the lake from the lodge. Another boat was found twisted like a dishrag. There was some roof damage due to falling trees.
Fosston Vicinity, Polk County	13	10:30 pm	50	*1-4	0	0	4	5	Hail
									Hailstones, up to hens egg size in diameter, moved northwest to southeast over two-county area. Crop damage ranged from 100% and down, in the Fosston area. Some fields were flooded when 1-2 inches of rain fell in a 15 minute period. A farmer 6 miles northwest of Fosston reported "drifts of hail" in his yard 15 hours after the storm. Some car and house windows were broken.
Western Swift County	13	11:00 am	--	--	0	0	4	0	Wind
									Winds of up to 60 mph tipped over trailers, tore roofs off buildings and downed trees. A house trailer, in transit at the time was destroyed. A travel trailer was blown off the road north of Hbloway. A pole building frame was bent by the force of the wind in the Appleton vicinity, and a trailer tipped over in the same area.
<b>MINNESOTA (continued)</b>									
Marshall, Polk, Red Lake, Pennington Counties	13	9:00 pm	45	*4	0	0	6	7	Hail
									Hail swath moved into Marshall County in the Warren vicinity. Golfball to tennis ball size hail began as a 2-4 mile wide band near Warren and was as wide as 8 miles in spots as it moved south-east toward McIntosh in southeastern Polk County. Crops were: utterly flattened by the hail, and extensive roof and window damage was reported in cities through which the 20 minute storm passed. These four counties were subsequently declared hail disaster areas by the Governor. A funnel cloud was sighted 10 miles west of St. Hilaire in Pennington County about 10 pm just before the hail began in that area.
Watonwan County	13	11:00 am	--	--	0	0	3	4	Hail, Wind
									Winds around 40 mph and marble size hail did minor building damage but did do significant crop damage. An estimated 600 acres of corn and beans were damaged to the point of either being destroyed or requiring replanting.
Western Renville County	18	5:20 pm	--	--	0	0	0	5	Hail
									Hail up to golfball size caused heavy crop damage in west Renville County. Total damage to 680 acres of crops just north of Morton, and an estimated 30,000 to 50,000 acres were heavily damaged in an area from Prinsburg to south of Olivia.
Oronoco, Olmsted County	18	6:00 pm	4	400	0	0	4	0	Wind
									Straight line winds 15-10 miles north of Rochester damaged farm equipment and buildings.
Spring Valley, Fillmore county	18	6:00 pm	--	--	0	0	4	0	Hail
									Hail damaged much of the north side of town--windows and automobiles.
Cokato, Wright County	22	2:00 pm	--	--	0	0	4	0	Heavy Rain
									Nearly three and one-half (3-1/2) inches in slightly more than one hour caused flooding problems in the Cokato-Bassel area. Basements in several homes were flooded, and water was standing everywhere. Dusty winds accompanying the rain brought down a few small tree branches.
Delano, Wright County	22	5:05 p.m.	--	--	0	0	3	0	Hail
									Marble to golfball size hail with minor tree and garden damage.
Southern Lincoln County	24	1:15 pm	--	--	0	0	4	5	Hail
									Hail varying from golfball to marble size caused extensive damage to county crops. "Banks" of hail in some areas were over a foot deep following the storm. Crop damage was especially heavy in the Lake Benton area. The path of the hail reached from southern portions of the county to as far north as Hendricks.
Detroit Lakes, Becker County	24	4:00 am	--	--	0	0	4	-	Wind
									Winds in excess of 50 miles per hour caused tree and minor property damage in Detroit Lakes.
Waseca, Steele, Freeborn, Mower Counties	27	6:00 pm	--	--	0	6	5	5	Wind
									Winds in excess of 80 mph, heavy rain, and hail tore through a four-county area of southeast Minnesota early Friday evening. There was heavy property damage in Albert Lea where winds swept the roof off a 30-unit apartment building and six city residents were injured by flying glass. Many trees were down with power interruptions for thousands of customers in the four counties. Many farm buildings were leveled by the strong winds. Heavy rain caused flooding in the Austin area, and wind damage to trees and power lines was extensive. There was considerable hail damage to soybean crops in southern Waseca county with some replanting necessary.
Northwest St. James, Watonwan County	27	3:55 pm	**400	15-30	0	0	3	3	Tornado (0 - 1)
									A tornado, moving from southwest toward the northeast, touched down briefly, with minor damage to tree branches and shingles from an old house. Tree branches were seen rotating in the air about three times as high as the trees and 50-100 ft. wide.
Vernon Center, Blue Earth County	27	5:00 pm	--	--	0	0	4	5	Wind, Hail
									Wind in excess of 80 mph and golf ball sized hail in the Vernon Center area, moved two buildings off their foundations, and destroyed 170 acres of corn and soybeans. Some tree damage occurred, and a bar was destroyed on a nearby farm.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>MISSISSIPPI</b>									
Yazoo County	19	1050			0	0	0	0	Funnel Cloud
			A funnel cloud was sighted 3 miles E of Carter, or 10 miles N of Yazoo City, in extreme northern Yazoo County.						
Monroe County	19	110a	22	200	0	0	5	?	Tornado
			A tornado touched down near New Wren in NW Monroe Co., then moved SSE along an intermittent path across the county before dissipating near Gattman in E Monroe Co. near the Alabama line. One mobile home was destroyed, several houses sustained roof damage, several barns were destroyed and numerous trees were snapped or uprooted.						
Alcorn County	19	345p			0	0	0	?	Hail
			Sea to golfball size hail fell in sections of Corinth.						
Tallahatchie County	21	115a	5	300	0	0	5	?	Tornado
			A tornado touched down 3 miles N of Nippo and moved SE destroying one house, damaging 15 others, and downing numerous trees. A well-defined path across cotton fields and wooded areas was apparent.						
<b>MISSOURI</b>									
North Half of State	1 & late on 5/31	Morning			0	0	7	6	Severe thunderstorms
			Widespread violent thunderstorms moved across the northern half of the state late Saturday and Sunday Morning. Damage was widespread over the entire area with power outages, 1 to 3 inch hail and flooding common. In DeSoto, a high school roof was torn off. Damaging winds near Auxvasse caused damage to buildings and farms. Near Marshall, Missouri, high winds leveled a building and uprooted trees. Several inches of hail covered the ground. In Saline County north of Sweet Springs, hundreds of windows were reported blown out. Farmers reported extensive damage to crops. Wheat fields were reduced to stubble. Four county bridges were damaged. Throughout the northern portion of the state, wheat fields were leveled. Wind damage to buildings, including several buildings roofs blown off, was reported from Kansas City to north of St. Louis. Rainfall amounts up to 3 inches were common with several occurrences of flash flooding. The Mississippi River jumped 7 feet in a matter of hours.						
Northeast Quarter of the State	2 thru 4				0	0	7	6	Flash Flooding Severe thunderstorms
			Heavy thunderstorms moved over northeast Missouri with large rainfall amounts. Numerous thunderstorms produced up to 8 inches of rainfall with nearly all streams in northeast Missouri near or above bankfull. Damage was extensive to fields in northeast Missouri with several fields completely covered with water. Some storms also produced high winds and large hail.						
Counties of Schuyler, Scotland and Clark	14	8:30PM			0	0	4	3	Severe thunderstorm
			Wind gusts up to 65 miles an hour caused scattered damage in several northeast Missouri cities. Most significant damage was at Kahoka in Clark County where many power lines and tree limbs were knocked down by the wind.						
Counties of Christian and Dallas	15	7:40PM			0	0	6	4	Severe thunderstorm
			The Buffalo (Dallas County) Area was hit by high winds up to 70MPH and large hail. The Woods Supermarket had considerable damage as a wall collapsed and roof was blown off. A local service station had the roof torn off and blown 60 yards away. Numerous reports of downed power lines, hail and heavy rain were reported. In Christian County, baseball size hail was observed southeast of Nixa, Missouri. Major crop damage resulted in Highland with several barn roofs blown off. Golf ball size hail fell at Loques Lake covering the ground completely.						
Sullivan and Linn Counties	18	5:20PM			0	0	6	5	Severe thunderstorm
			Several thunderstorms moved through north central Missouri causing damage to barns and buildings. A large amount of hail covered the ground at Milan, Missouri. Snowblows were called out to remove the hail from the streets. Two (2) feet drifts of hail were seen near the county courthouse. Many reports of power lines and other wind damage were reported.						
Stone and Lawrence	22	Noon to 3:00PM			0	0	4	3	Severe thunderstorm and urban flooding
			Southwest of Halltown, Missouri, golf ball size hail was reported with 50MPH winds. Damage to several houses resulted. In Springfield, urban flooding was reported in several areas.						

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<b>MISSOURI (continued)</b>									
Southwest Counties of Greene, Christian, Wright and Webster	23	2:30PM to 9:30PM			0	3	4	2	Severe thunderstorm, funnel cloud
			One to three inch hail was common as thunderstorms moved through southwest Missouri. Damage was heaviest in north Springfield and Lebanon, Missouri. In Springfield, 100 glass panes were shattered in a greenhouse. Dozens of insurance claims were presented due to hail damaged cars. In Lebanon, a house trailer was turned over injuring 3 persons. The trailer was then blown 30 yards away. Golf ball size hail downed power lines and very heavy rain also occurred. Urban flooding was reported in many cities. A funnel cloud was reported crossing Springfield from northwest to southeast.						
East Central Counties of Warren, Franklin, St. Charles, St. Louis City and County, Jefferson, Washington, St. Francois, Ste. Genevieve and Perry	28	5:00PM - 9:00PM			0	3	7	4	Severe thunderstorm
			Several separate lines of severe thunderstorms moved through east central Missouri during the early evening. One inch hail was common over the entire area as were 3 inch rainfall amounts and wind damage. Two (2) inch hail was reported at Arnold, Missouri while in St. Louis County one inch hail was common. In Ballwin, lightning hit a home destroying the roof. Heavy rain also accompanied the storm with widespread low land flooding. Union Electric called it the worse storm in 19 years. Close to 10,000 homes were without power. In Jefferson County 15 percent of the roads were closed due to tree limbs down or flooding. In DeSoto, a head on crash caused by the storm resulted in one death. Several others were injured in separate accidents. Lightning caused the death of 4 cows in St. Francois County.						
<b>MONTANA</b>									
Chouteau County	1	Evening	?	?	0	0	0	0	Tornado
			A tornado was reported to have destroyed several outbuildings near Carter.						
Prarie County	5	Afternoon			0	0	5	0	Heavy Rains
			Thunderstorms with heavy rain and strong winds caused flash flooding, damage to roads and structures.						
Big Horn	11	Afternoon	?	?	0	0	0	0	Funnels
			Three funnels were reported near Hardin.						
Custer County	11	Evening			0	0	5	0	Strong Wind
			Strong Winds with hail destroyed mobile homes, barns and outbuildings near Miles City.						
Carter County	11	Evening			0	0	5	0	Strong Wind
			Strong winds destroyed outbuildings near Oklahe.						
Nadison County	12	Afternoon			0	0	5	0	Strong Winds
			Strong winds downed trees, damaged buildings and destroyed irrigation systems 11 miles south of Whitehall near Waterloo.						
Rosebud County	14	?	?	?	0	0	0	0	Tornado
			A tornado destroyed some trees near Forsyth						
Rosebud County	14	Afternoon			0	0	6	0	Heavy Rains
			Heavy rains wiped out a railroad bridge resulting in 33 coal-filled railroad cars dumped into a ditch.						
Big Horn County	15	3 PM	?	?	0	0	0	0	Funnels
			Seven funnels were observed near Hardin.						
Silver Bow County	18	Evening	0	0	1	0	0	0	Lightning
			A 16-year old boy was killed by lightning near Butte.						
Daniels County	18	Evening	0	0	0	1	0	0	Lightning
			A 20-year old man was injured by lightning.						
Cascade County	25	6 PM	?	?	0	0	5	0	Strong Winds Funnels
			Strong winds tore the roof off apartment building and downed trees in Goat Falls. Also, funnels were observed.						
Gallatin County	26	Evening			2	0	0	0	Strong Wind
			Strong winds downed trees on a tent killing two boys south of Bozeman.						
<b>NEBRASKA</b>									
Butler County	1	12:20 AM			0	0	0	5	Hail
			Hail to 2 inches in diameter heavily damaged crops southeast of Hight.						
Thayer County	1	12:30 AM			0	0	3	0	Lightning
			Six head of cattle were killed by lightning 7 miles south of Hebron.						
Douglas County	1	12:45 AM			0	0	3	0	Damaging Winds
			Strong thunderstorm winds damaged a building at Waterloo.						

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NEBRASKA (continued)</b>									
Lincoln County	1	9:30 PM			0	0	?	3	Hail
			Three quarter inch	hail fell around North Platte with some property damage.					
Perkins County	1	10:20 PM			0	0	3	6	Hail
			One and a half to 3 inch diameter hail fell from Venango to Elsie breaking windows and severely damaging crops.						
Sherman, Greeley, and Howard Counties	2	1:00 AM			0	0	4	5	Hail and Damaging Winds
			Strong winds and hail in thunderstorms damaged crops from north of Hitchfield through Loup City to south of Walsbach. A farm shed was destroyed north of Hitchfield.						
Red Willow and Hitchcock Counties	2	1:00 AM			0	0	0	6	Hail
			Hail damaged crops through southern sections of the counties with most north of Lebanon.						
Furnas and Harlan Counties	2	1:30 AM			0	0	5	7	Hail and Damaging Winds
			High winds and hail to 1 1/2 inches in diameter downed trees, damaged crops, broke windows and damaged roofs from around Wilsonville through Beaver City to around Ordans. Hardest hit areas were around Wilsnville where over 60 windows were knocked out of a school and a barn was destroyed by winds.						
Adams and Webster Counties	2	2:45 AM			0	0	4	?	Damaging Winds
			High winds in thunderstorms south of Pauline destroyed a barn. Vehicles and a nearby home were damaged as debris blew into them.						
Thayer County	2	3:30 AM	2	300	0	0	4	?	Tornado
			A tornado touched down 4 1/2 miles north of Hebron and moved northeast 2 miles before lifting. Trees were uprooted, power lines downed and a silo destroyed.						
Harlan County	2	4:00 AM			0	0	?	?	Hail
			One and a half inch hail was reported at the Harlan County Reservoir.						
Saline County	2	4:00 AM			0	0	4	0	Damaging Winds
			Thunderstorm winds gusting to 85 m.p.h. downed trees and caused scattered property damage around Wilber. One camper was overturned at Wilber.						
Lancaster, Otoe, and Gage Counties	2	4:15 AM			0	0	5	0	Damaging Winds
			Winds gusting 45 to 65 m.p.h. in thunderstorms downed trees and power lines. A number of homes and vehicles were damaged by fallen limbs around Lincoln and Syracuse.						
Hall and Hamilton Counties	3	7:30 PM 10:30 PM			5	200	8	6	Tornadoes
			A series of 6 tornadoes caused widespread destruction from 4 miles northwest of Grand Island southeast thru Grand Island to south of Phillips. In Grand Island where the 5 deaths and the majority of the injuries occurred, 700 businesses and homes were destroyed and 3000 suffered moderate to heavy damage. Heaviest destruction in Grand Island was concentrated along South Locust Street where cars were flung into the air. Hail to 1 1/2 inches accompanied the tornadoes. Forty farms suffered damage to property and crops mainly in a 18 square mile area northwest of Grand Island with other damage just southeast of Grand Island to near and south of Phillips. The thunderstorm system which spawned the 6 erratic moving tornadoes was complex and very slow moving holding in the area nearly 3 hours.						
The following is information regarding the six tornadoes mentioned above.									
Hall County	3	7:30 PM	7	700					Tornado
			A tornado touched down 3 miles north of Prairie Creek and moved south into the southern portion of the Capital Heights area of Grand Island before lifting.						
Hall County	3	7:40 PM	8/10	150					Tornado
			A tornado formed 1 mile north of Soldiers and Sailors Cemetery and moved northeast and made a turn to the south before lifting.						
Hall County	3	7:45 PM	3 1/2	500					Tornado
			The tornado touched down 1 mile north and 2/10 miles east of Soldiers and Sailors Cemetery. It moved north then made a U-turn to the south hitting the Veterans Home area then moved southeast lifting at some railroad tracks.						

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<b>NEBRASKA (continued)</b>									
Hall County	3	9:00 PM	6	1700					Tornado
			The tornado touched down 1 mile east of Eagle Lake moved west along Bismarck Road then south on Locust then veered southeast and east ending 2 miles north of Highway 34 Bridge. This was the strongest tornado with winds to 250 m.p.h.						
Hall County	3	9:30 PM	6	1700					Tornado
			The tornado touched down 2 miles north of Highway 34 Bridge moved west turned south then back east ending 1 mile south of the bridge before lifting.						
Hall and Hamilton Counties	3	10:00 PM	7	2000					Tornado
			A tornado touched down 3 miles south of Highway 34 Bridge and moved east to 7 miles east of the bridge or south of the Phillips area.						
Howard, Merrick and Hamilton Counties	3	9:15 PM			0	0	4	6	Hail and Damaging Winds
			Strong winds and hail to 1 1/2 inches damaged crops and roofs. Trees and power lines were downed and a trailer was blown over near Palmer. Roof damage was reported around Chappan and Aurora.						
Hamilton County	3-4	9:30 PM -12:30 AM			0	0	4	?	Flash Flood
			Six and a half to seven inches of rain fell around Hampton and Aurora flooding roads and low lying areas and forcing creeks out of banks.						
Colfax and Butler Counties	3	9:30 PM			0	0	5	3	Damaging Winds
			High winds in thunderstorms destroyed a hog shed, grain bins and sheds, and downed trees in Schuyler and surrounding farms.						
York County	3	9:45 PM			0	0	?	3	Hail
			One and a half inch hail was reported just south of Thayer with some crop damage.						
York County	3	10:00 PM			0	0	0	0	Funnel Cloud
			A funnel cloud was reported between Waco and Gresham.						
Dodge and Saunderson Counties	3	10:00 PM			0	0	3	0	Damaging Winds
			Winds gusting 60 to 75 m.p.h. in thunderstorms downed trees and damaged some roofs. Roof damage was reported at North Bend and west of Fremont.						
Seward County	3	10:55 PM			0	0	0	0	Funnel Cloud
			A funnel cloud was reported 10 miles northeast of Seward.						
Burt County	3	11:55 PM			0	0	2	?	Damaging Winds
			Winds to 70 m.p.h. were reported at Oakland in thunderstorms.						
Valley County	4	12:50 AM			0	0	?	?	Hail
			One and a half inch hail fell around Ord.						
Cherry County	4	5:20 PM			0	0	0	2	Hail
			One and a half inch hail fell 13 miles east of Valentine damaging gardens.						
Washington County	4-5	9:00 PM -1:00 AM			0	0	6	?	Flash Flood
			Rainfall of up to 4 inches severely damaged 10 to 15 bridges along branches of the Big Papio Creek. Washouts occurred, cars were stalled in high water and water rose into portions of Kennard.						
Washington County	4	9:20 PM			0	0	?	?	Hail
			One and a half inch hail was reported at Blair.						
Burt County	4	11:05 PM			0	0	0	0	Funnel Cloud
			A funnel cloud was reported 5 miles east of Oakland.						
Washington and Douglas Counties	4	11:10 PM -11:20 PM			0	0	0	0	Funnel Clouds
			Funnel clouds were reported at Kennard and north of Bennington.						
Stanton County	6	4:30 AM			0	0	0	3	Hail
			Hail to 1 1/2 inches fell briefly around Stanton.						

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<b>NEBRASKA (continued)</b>									
Stanton County	6	4:40 AM	4/10	5	0	0	3	0	Tornado
		A small tornado went through a farm 2 miles west and 3 miles north of Clarkson and damaged trees, power lines, a farm house and some outbuildings. The tornado moved southeast before lifting.							
Colfax County	6	4:45 AM			0	0	4	?	Hail
		One and a half inch hail fell around Howells breaking windows in cars and buildings.							
Dodge County	6	5:00 AM			0	0	7	6	Hail
		Hail averaging 2 to 4 inches in diameter driven by strong winds smashed windows in cars, homes and businesses, severely damaged roofs and dented vehicles. Crops were heavily damaged. One of the hardest hit areas was Dodge where hardly one building in the town of 700 escaped damage.							
Washington County	6	5:55 AM - 7:00 AM			0	0	6	6	Hail
		Wind driven hail to 2 1/2 inches in diameter broke windows, dented vehicles, damaged roofs and crops in a path from northwest of Kennard to around and south of Blair.							
Washington County	6	7:00 AM			0	0	6	3	Damaging Winds
		Winds measured at 98 m.p.h. in thunderstorms downed trees and power lines, rolled over and heavily damaged camper trailers, demolished a number of garages and tore the roofs off of and damaged about 12 homes in Kennard.							
Douglas County	6	7:15 AM			0	0	?	?	Hail
		Three inch hail fell briefly at Dodge Park in North Omaha. No damage reported.							
Dawes County	6	8:15 PM			0	0	0	6	Hail
		Large hail damaged crops heavily north of the Box Butte Reservoir.							
Grant County	6	9:15 PM	1/4	20	0	0	0	0	Tornado
		A small tornado moving east touched down briefly in open country 10 miles south of Hyannis.							
Hooker and Arthur Counties	6	9:30 PM			0	0	0	4	Hail
		One and a half inch hail was reported 10 miles southeast of Mullen and southeast of Arthur.							
Arthur County	6	11:05 PM			0	0	0	0	Funnel Cloud
		A funnel cloud was reported southeast of Arthur.							
Cedar County	7	12:05 AM			0	0	4	4	Hail
		Hail to 3 inches in diameter damaged cars, roofs, windows and some crops around Hartington.							
Logan County	7	12:10 AM			0	0	0	2	Hail
		Three quarter inch hail was reported at Stapleton.							
Garfield, Wheeler, Valley, Greeley, and Boone Counties	7	12:20 AM - 2:00 AM			0	0	6	5	Hail
		Hail to 2 inches in diameter fell around Berwyn and Ord east and southeast to Albion breaking windows and damaging roofs in buildings and extensively damaging cars especially at Albion.							
Ouster County	7	1:25 AM			0	0	5	5	Hail
		Hail to 3 inches in diameter hit the area around Berwyn. The wind driven hail broke windows and damaged roofs and siding on homes and battered vehicles.							
Sherman and Howard Counties	7	1:30 AM - 2:30 AM			0	0	6	6	Hail
		One and a half to 3 inch diameter hail driven by gusty winds broke windows, damaged roofs and siding on buildings and battered vehicles. Most damage was from Loup City thru Ashton to south of St. Paul.							
Merrick, Nance, Hamilton and Polk Counties	7	1:55 AM - 3:15 AM			0	0	5	5	Hail
		One to 2 inch hail broke windows and damaged roofs on buildings, damaged cars and caused crop loss especially north of Hordville and Polk and around Archer.							

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<b>NEBRASKA (continued)</b>									
Platte, Colfax and Butler Counties	7	1:55 AM - 2:20 AM			0	0	5	6	Damaging Winds and Hail
		Hail ranging in size from 2 to 4 inches damaged crops and vehicles and broke windows and damaged roofs on buildings. Winds gusted to 60 m.p.h. at Schuyler. Hail was largest around Durcan and Mprroe.							
Dodge, Washington, Saunders and Douglas Counties	7	2:40 AM - 3:45 AM			0	0	4	5	Damaging Winds and Hail
		Scattered hail varying in size from 1/4 to 3/8 inches driven by winds to 60 m.p.h. caused scattered window and roof damage to buildings and vehicles and damaged crops. Some power lines were downed. Largest hail around 3 inches in diameter was reported at Wahoo and southwest Omaha.							
Morrill County	11	9:40 PM			0	0	2	3	Hail
		One and a half inch hail fell 5 miles east of Bridgeport breaking some windows and damaging crops.							
Morrill County	11	9:20 PM			0	0	0	0	Funnel Cloud
		A funnel cloud was reported 1 mile north of Northport.							
Cherry County	12	1:40 AM			0	0	4	?	Damaging Winds
		Winds gusting 70 to 80 m.p.h. in thunderstorms downed trees and blew away haystacks at Brownlee.							
Madison County	12	12:00 PM			0	0	0	?	Hail
		One and a half inch hail fell briefly just west of Madison.							
Cuming, Colfax and Dodge Counties	12	1:30 PM - 2:15 PM			0	0	?	?	Flash Flood
		Rainfall of upwards of 4 inches in less than one hour caused lowland flooding and washed out crops in an area from Howells through Dodge and Scribner. Water was over roads and around some buildings in Howells.							
Dodge County	12	2:10 PM - 2:35 PM			0	0	5	6	Damaging Winds and Hail
		Half inch hail driven by winds gusting to around 70 m.p.h. downed trees and power lines, damaged roofs, and crops from north of North Bend into Fremont. A mobile home was damaged northeast of North Bend and irrigation systems damaged.							
Douglas, Washington and Sarpy Counties	12	2:35 PM - 3:50 PM			13	5	7	5	Damaging Winds and Hail
		Winds gusting 70 to 85 m.p.h. in thunderstorms downed trees and power lines, ripped roofs off of buildings and caused other structural damage. Thirteen persons were killed and 2 injured when a commuter airliner crashed in the storm north of Valley. Damage was particularly bad in the Omaha-Bellevue area where 3 persons were injured when trees fell on cars. Half inch hail accompanied the storm damaging crops.							
Washington and Douglas Counties	12	3:05 PM			0	0	3	4	Flash Flood
		Rainfall of 2 to 6 inches fell in areas from Arlington to around Elkhorn causing lowland flooding. 800 propane tanks were washed into the Papio Creek at Elkhorn.							
Jefferson County	12	Afternoon			0	0	3	0	Lightning
		Four cows were killed by lightning 4 miles north of Fairbury.							
Cedar County	13	4:00 PM - 4:40 PM			0	0	5	6	Hail
		Hail averaging 2 to 4 inches in diameter broke windows, damaged vehicles and roofs of buildings from near Pleasant Valley to Coleridge. Crop damage was extensive.							
Blaine County	13	7:35 PM			0	0	?	?	Hail
		One and a half inch hail fell fromurdum to Dunning. No damage reported.							
Sheridan County	14	3:00 PM			0	0	0	2	Hail
		One and a half inch hail fell east of Gordon causing minor damage to gardens.							
Scottsbluff and Morrill Counties	14	5:10 PM			0	0	2	6	Hail
		One and a half to 3 inch hail fell from the Scottsbluff airport east to north of Bayard damaging crops and breaking some car windows.							

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NEBRASKA (continued)</b>									
Scottsbluff and Morrill Counties	14	5:30 PM	6	60	0	0	4	?	Tornado
									A tornado touched down at intervals from 3 miles northeast of Minatare east to 7 miles north of Bayard before lifting. The tornado overturned a trailer home, destroyed a hog shed and scattered trees, fences and utility poles. A weigh shed was also destroyed.
Cherry County	14	6:00 PM -6:30 PM			0	0	5	5	Damaging Winds and Hail
									Hail upwards to 2 inches in diameter driven by 65 m.p.h. winds broke windows, damaged siding and roofs on buildings, battered vehicles and damaged crops in an area northwest of Valentine extending southeast through town.
Morrill County	14	6:05 PM			0	0	0	0	Funnel Cloud
									A funnel was reported 7 miles east of Andra.
Box Butte County	14	6:20 PM			0	0	0	0	Funnel Clouds
									Several funnel clouds were reported southwest of Alliance.
Thurston, Cuming and Burt Counties	14	6:30 PM			0	0	0	5	Hail
									One to 1 1/2 inch hail fell around Pender and Bancroft to north of Tekamah damaging crops.
Sheridan County	14	6:35 PM			0	0	4	5	Hail
									One to 1 1/2 inch hail damaged crops, broke windows and damaged roofs and vehicles around and southeast of Rushville. Fifty m.p.h. winds pushed the hail.
Sheridan County	14	6:40 PM	2	50	0	0	5	0	Tornado
									A tornado touched down 3 miles south of Rushville and moved east damaging 2 farmsteads before lifting. Damaged were a barn, a few buildings, fences, trees and machinery.
Wheeler, Madison and Boone Counties	14	6:55 PM -7:40 PM			0	0	5	4	Hail and High Winds
									Hail from 1 1/2 to 3 inches fell from southeast of Bartlett through Petersburg and Newman Grove damaging crops, breaking windows and damaging roofs and vehicles. Sixty m.p.h. winds were reported at Albion.
Brown County	14	7:05 PM	1/4	20	0	0	0	0	Tornado
									A tornado moving east touched down briefly 5 miles northwest of Ainsworth.
Brown County	14	7:05 PM			0	0	4	5	Hail
									Hail up to 3 inches in diameter dented cars, broke windows and damaged crops northwest of Ainsworth.
Knox County	14	7:25 PM			0	0	?	?	Hail
									One and a half inch hail fell at Creighton. No damage reported.
Loup, Garfield, Custer, Greeley, and Valley Counties	14	7:30 PM -9:00 PM			0	0	4	5	Hail and High Winds
									Hail upwards to 3 inches in diameter and high winds damaged roofs, windows, vehicles and crops in the areas around Taylor, Burwell, Sargent and Ord to near Greeley and Spaulding.
Burt County	14	7:35 PM			0	0	?	?	Hail
									One and a half inch hail fell northeast of Tekamah. No damage reported.
Hooker and Thomas Counties	14	7:40 PM -8:20 PM			0	0	?	?	Hail
									Three inch hail driven by high winds was reported around Seneca. No damage reported.
Dawes County	14	7:55 PM			0	0	6	5	Damaging Winds and Hail
									One and a half inch hail driven by 60 m.p.h. winds resulted in crop damage, numerous broken windows, roof damage, downed trees and power lines around Chadron.
Platte County	14	8:10 PM	1/16	10	0	0	0	0	Tornado
									A small tornado touched down briefly at Cornlea. No damage reported.
Blaine County	14	8:20 PM			0	0	?	?	Hail
									Three and a half inch hail was reported northwest of Brewster. No damage reported.
<b>NEBRASKA (continued)</b>									
Loup, Custer and Valley Counties	14	8:50 PM -9:30 PM			0	0	4	5	High Winds and Hail
									Hail to 3 inches in diameter driven by high winds damaged crops and caused window and roof damage from Taylor and Sargent to south of Ord. An irrigation system was blown over north of North Loup.
Boone, Nance, Merrick, Platte, Colfax and Polk Counties	14	8:50 PM -9:50 PM			0	0	5	5	Damaging Winds and Hail
									Hail to 1 1/2 inches driven by high winds damaged crops, vehicles, and buildings. Trees and utility lines were downed around Fullerton and Genba, and irrigation systems damaged.
Holt, Wheeler and Antelope Counties	14	9:00 PM 10:15 PM			0	0	6	5	Damaging Winds and Hail
									Winds gusting 70 to 80 m.p.h. downed trees and power lines, tore roofs off of buildings, broke windows and damaged irrigation systems from around O'Neill through Neligh. One and a half inch hail with the storm damaged crops.
Dodge County	14	9:00 PM 10:30 PM			0	0	6	6	Damaging Winds and Hail
									Seventy to 75 m.p.h. winds and 1 1/2 to 3 inch hail damaged roofs and siding, broke windows, downed trees and utility lines and heavily damaged crops. Most extensive damage was west and north and through Fremont.
Ouster County	14	10:00 PM -11:00 PM			0	0	4	5	Hail
									Scattered hail of 1 1/2 to 4 inches fell around Merma, Sargent, Broken Bow and Comstock damaging crops and vehicles.
Douglas and Saunders Counties	14	10:00 PM -11:00 PM			0	0	6	5	Hail and Damaging Winds
									One to three inch hail driven by 60 to 70 m.p.h. winds broke windows, damaged roofs and siding on buildings and dented cars. Damage was heaviest around Omaha and Wahoo.
Butler County	14	10:00 PM -11:00 PM			0	0	6	6	Hail
									Hail as large as 4 inches broke windows, damaged roofs, dented cars and damaged crops from Rising City through Brainard.
Greeley and Valley Counties	14	10:55 PM			0	0	?	4	Hail
									One inch hail covered the ground near Greeley and west of Ord causing crop damage.
Saunders, Douglas and Sarpy Counties	14	11:00 PM -12:00 AM			0	4	6	7	Damaging Winds and Hail
									Seventy to 90 m.p.h. winds downed trees, signs and power lines and tore roofs off of buildings. Four persons were slightly injured when a roof was torn off a lounge in Omaha. One and a half to 4 inch hail fell with the wind breaking windows, dented cars, damaging roofs, siding and crops. One of the hardest hit areas was Boydstown and Wahoo.
Sherman, Howard and Buffalo Counties	14	11:00 PM -12:10 AM			0	0	5	5	Damaging Winds and Hail
									One to two inch hail and high winds damaged crops and broke windows around Hazard, Pleasanton and Ravenna. A grain bin was blown over at Elba.
Platte and Colfax Counties	14	11:15 PM -12:00 AM			0	0	?	5	Hail
									One and a half to 3 inch hail fell from around Columbus to north of Schuyler damaging crops.
Madison County	14	11:15 PM			0	0	3	0	Damaging Winds
									Winds gusted briefly to 76 m.p.h. at Norfolk causing scattered tree and property damage.
Saunders County	15	12:00 AM			1	0	3	?	Flash Flood
									A man drowned when he was swept from his stalled car by flash flooding on a highway north of Ceresco about 5 miles.
Douglas County	15	12:50 AM			0	0	3	?	Hail
									One and a half inch hail fell in Omaha causing scattered property damage.
Hooker County	15	5:50 PM			0	0	0	?	Hail
									One and a half inch hail fell 5 miles north of Hollen in open country.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>NEBRASKA (continued)</b>									
Sheridan and Daves Counties	15	7:15 PM - 8:30 PM			0	0	0	5	Hail
									Hail damaged wheat in the northern parts of the counties.
Cheyenne and Deuel Counties	15	7:20 PM			0	0	0	5	Hail
									Hail damaged crops from near Lodgepole to south of Chappell.
Perkins, Chase, Hayes and Hitchcock Counties	15	7:30 PM - 10:15 PM			0	0	6	7	Hail
									Crops were damaged, windows broken, cars were battered and roofs were damaged by hail 1/2 to 3 inches from north of Brandon through Wauneta southeast through Trenton. Fifty m.p.h. winds added to the hail's destruction. Hardest hit area was around Trenton.
Keith County	16	11:05 AM			0	0	0	0	Funnel Clouds
									Funnel clouds were sighted around Paxton.
Morrill, Cheyenne, Deuel and Perkins Counties	16	3:50 PM - 5:00 PM			0	0	3	6	Hail
									Hail to 1 inch driven by strong winds damaged crops from southwest Morrill County southeast through Gurley to north of Chappell to northwest of Grant.
Richardson County	17	Evening			0	0	3	0	Damaging Winds
									High winds in thunderstorms downed trees and damaged a number of buildings in Shubert.
Pierce, Wayne, Madison and Stanton Counties	18	1:10 PM - 2:45 PM			0	0	0	5	Hail
									Hail 3/4 to 1 1/2 inches driven by gusty winds damaged crops. Heaviest damage was southwest of Pierce to east of Madison.
Washington County	18	1:45 PM			0	0	?	?	Hail
									One and a half inch hail was reported at Fort Calhoun. No damage estimate.
Madison County	18	2:00 PM			0	0	0	0	Funnel Cloud
									A funnel cloud was reported in the Madison area.
Douglas County	18	2:15 PM - 2:45 PM			0	0	3	?	Hail
									Scattered 1/2 to 3 inch hail fell in northeast and east Omaha causing some auto damage.
Platte, Colfax, and Butler Counties	18	2:15 PM - 3:45 PM			0	0	6	6	Damaging Winds and Hail
									Hail to 1 1/2 inches driven by winds gusting to 70 m.p.h. in thunderstorms damaged crops from Humphrey southeast through the David City area. Wind damage was most concentrated at Humphrey where trees, power lines and signs were downed, windows broken and roofs damaged.
Lincoln County	18	3:45 PM			0	0	?	?	Hail
									Three quarter inch hail was reported 7 miles south of Sutherland. No damage estimate.
Lancaster County	18	4:15 PM			0	0	0	?	Hail
									Three quarter inch hail was reported around Raymond. No damage estimate.
Lincoln County	18	4:15 PM			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted just north of North Platte.
Hall County	18	5:45 PM - 6:15 PM			0	0	0	6	Hail
									Three quarter to 2 inch hail damaged crops west of Cairo to 5 west of Grand Island and around Wood River.
Otoe County	18	5:50 PM			0	0	4	0	Damaging Winds
									High winds in a thunderstorm blew out windows and blew a roof off a building.
Lincoln, Perkins and Chase Counties	18	6:30 PM - 7:30 PM			0	0	?	6	Hail
									One and a half inch hail damaged crops from around Grant to Wallace to northeast of Imperial.
Chase County	18	7:00 PM			0	0	4	0	Flash Flood
									Rains up to 4 inches within an hour washed out some roads and bridges along Stinking Water Creek.

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>NEBRASKA (continued)</b>									
Lancaster County	18	9:00 PM			0	0	0	2	Hail
									One and a half inch hail fell briefly 5 miles northwest of Lincoln and in northeast Lincoln.
Grant and Cherry Counties	21	5:30 PM	30	80	0	2	4	0	Tornado
									A tornado touched down at intervals from just north of Ashby northeast to 17 miles north and 3 miles east of Whitman. Roofs were damaged at Ashby and a mobile home demolished 12 miles north of Whitman injuring two occupants.
Buffalo County	22	12:15 AM			0	0	?	?	High Winds
									Winds gusted to 62 m.p.h. in thunderstorms at Kearney. Some urban flooding occurred. No damage reported.
Loup County	25	8:05 PM - 9:10 PM	10	100	0	0	5	0	Tornado
									A tornado touched down 12 miles northwest of Taylor and moved southeast to 5 miles west of Taylor damaging buildings on farms and uprooting trees and utility lines. Cattle were killed and injured and irrigation systems damaged.
Loup and Custer Counties	25	9:50 PM			0	0	5	0	Hail
									One and a half to 3 inch hail damaged crops from Almeria to 5 miles west of Sargent damaging crops.
Knox and Cedar Counties	25	11:40 PM - 12:30 AM			0	0	4	0	Damaging Winds
									Winds up to 80 m.p.h. in thunderstorms downed trees and power lines from Lewis and Clark Lake through Crofton and Hartington. A camper was blown over at Owens Point Dam and a semitrailer at Crofton.
Dixon and Dakota Counties	26	12:30 AM - 1:30 AM			0	0	3	0	Damaging Winds
									High winds downed trees and power lines and caused scattered property damage from Dixon County to southwest of South Sioux City.
Morrill County	26	5:05 PM			0	0	0	5	Hail
									Three quarter inch Hail damaged crops around Broadwater.
Holt County	30	10:30 PM			0	5	5	5	Damaging Winds and Hail
									Winds estimated 70 to 75 m.p.h. in thunderstorms downed trees and power lines, blew over trailer homes, and a barn and caused other property damage from Stuart through O'Neill. Hail with the wind damaged crops. Five persons were injured in a trailer home east of O'Neill.
<b>NEVADA</b>									
Carson City,	3	UNK			0	0	4	0	Windstorm
									Some roof damage.
Mt. Charleston, near Las Vegas,	30	UNK			0	0	0	0	Thunderstorm
									Slight flooding.
<b>NEW HAMPSHIRE</b> NONE REPORTED									
<b>NEW JERSEY</b>									
(Coastal Areas) (Burlington Co.)	3	4p	1/2	25-30	0	0	4	?	Tornado
									A tornado touched down and cut a direct path across a farm in Vincentown. The owner of the farm was sitting on his tractor inside the barn when the rain began. He decided to go into his house to close the windows. When he looked outside minutes later the barn was gone. The twister punctured gas lines, downed electricity, telephone wires, and tore aluminum siding off a house. It also ripped a roof completely off of a barn.
<b>NEW MEXICO</b>									
Hobbs, Lea County	7	7:00 p			0	0	3	0	Windstorm
									Sudden windstorm snapped utility poles 1 1/2 feet in diameter and damaged building structures. Probably associated with severe thunderstorm or small tornado.
Belen, Valencia County	9	4:00 p			0	0	4	0	Flood
									Approximate three-inch rain in less than an hour caused drainage clogging and ditch breaks. As much as two feet of running water in downtown Belen and more than 100 homes and businesses damaged.



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NEW MEXICO (continued)</b>									
Valmora, Mora County	10	Evening			0	0	3	0	Hail
									Golf-ball-sized hail associated with thunderstorm broke windows and damaged building. Also some flash flooding reported.
Vaughn, Guadalupe County	17	Afternoon			0	0	?	?	Hail
									Hail to hen-egg size damaged roofs, broke windows and stripped trees.
Near Clovis, Curry County	18	12:15 a			0	0	3	0	Tornado
									Apparent small tornado briefly touched down four miles east of Clovis. Wellhouse overturned and vehicles and windmill system severely damaged.
Clayton, Union County	19	1:57 p			0	0	3	2	Rain, Hail, Wind
									Severe thunderstorm dropped 1.85" rain at WSO in 23 minutes, small hail and 51 knot wind. Structural damage to metal building, utility poles blown down, and other damage one mile south.
White Rock, Los Alamos County	22	1:00 p			0	0	3	0	Dust Devil
									Isolated dust devil struck and exploded barn, throwing pieces 150 to 200 feet high.
<b>NEW YORK</b>									
<b>COASTAL (Extreme Southeast, Nassau Suffolk Co., Metropolitan Area, Westchester Co.)</b>									
	3	9:30a 3:30p	0	0	0	0	0	0	Thunderstorm
									A brief but turbulent thunderstorm covering an area of roughly 20 miles and packing winds gusting up to 60 miles an hour, socked the area with 1/2 inch of rain in ten minutes. The storm was caused by cold dry air moving in from Canada and colliding with a mass of hot humid air. The mid-morning cloud burst doused the area also with 1/2 inch of rain in an hour.
<b>NEW YORK CENTRAL ALBANY, SCHENECTADY AND RENSSELAER COUNTIES</b>									
	15	4P-9P	0	0	0	0	5	0	THUNDERSTORMS
									ABOUT 1-1/2 INCHES OF RAIN AND WINDS GUSTING TO 57MPH CAUSED MANY DOWNED TREES AND POWERLINES WITH NUMEROUS POWER OUTAGES. FALLEN TREES DAMAGED AUTOMOBILES, PRIVATE HOMES AND SWIMMING POOLS IN THE AREA. SEVERAL ROADWAYS WERE BLOCKED BY FALLEN TREES AND POWERLINES.
<b>NEW YORK WESTERN Chautauqua County</b>									
	3	3 AM	0	0	0	0	4	0	Electrical
									Lightning knocked down power lines in the towns of Poland, Kiantone, and Harmony. It also started house fires in Busti and Jamestown.
Monroe County	8	Early morning	0	0	0	0	4	0	Rain & Electrical
									A heavy thunderstorm caused flash flooding under overpasses in Rochester. Lightning ignited a house in Webster.
Wayne County	9	12:20 PM to 12:35 PM	10	200	0	0	0	6	C Tornado & Hail
									A tornado touched down about a mile east of Williamson and moved east southeast. It lifted about 1 mile west of Route 88 and just south of Route 104, west of the town of Sodus. It broke power lines, felled trees, blew apart a barn, damaged 4 houses and 5 mobile homes. Damage to the electric utility was high. Hail, about 1 inch in diameter, pelted agricultural lands in Newark. Damage to crops was high.
Genesee County	9	12:30 PM			0	0	0	5	C Wind, Rain, & Hail
									In the town of Alabama, near the intersection of Bloomington and Teslow roads, a strong wind from a thunderstorm destroyed a barn and uprooted a group of 30 tall pine trees. In the town of Elba heavy rain and hail damaged much land crops. In Batavia, strong winds broke power lines and left 20,000 customers without power for many hours.
Niagara County	9	12:30 PM			0	0	3	0	Wind
									On a property along Townline Road, 10 miles southeast of Niagara Falls, high winds from a thunderstorm stripped a trailer of its top, carried a pool deck 20 feet away and demolished a shed.
Erie County	9	Afternoon			0	3	0	0	Electrical
									In the Lancaster Country Club, three golfers took shelter under a tree during a thunderstorm. Lightning struck the tree and the golfers. Two were seriously injured and the third suffered a burned foot.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NEW YORK (continued)</b>									
<b>WESTERN</b>									
Onondaga County	15	4:30 to 5:00 PM			0	8	0	6	C Wind, Rain, Hail & Electrical
									In Camillus, high winds from a very heavy thunderstorm felled huge trees which fell onto houses and split some into halves, crushed cars, and big tree limbs were strewn across many streets. The strong winds overturned cars and snapped power lines. Heavy rains inundated many streets. Lemon sized hail obliterated many gardens and farms. Clean up took days. In Elbridge, a lightning bolt struck a gas mainline and set it afire.
Genesee and Orleans	26	Evening			0	1	0	6	C Wind, Hail & Rain
									A cluster of heavy thunderstorms moved southeast across Orleans and Genesee Counties. In Albion, Orleans County, high winds from the storm felled trees which fell and damaged houses and cars. Extremely heavy rain, about 3.5 inches in half an hour, covered many roads, produced basement flooding and destroyed many farm crops. In an area about 1 mile wide from Oakfield to Batavia in Genesee County, the winds knocked down trees and blew off many rooftops. A mobile home in Oakfield was flattened and a woman inside it suffered severe back injury. Hail about half an inch in diameter, covered many parts of Batavia and vicinity and damaged crops.
Chautauqua County	28	2 PM			0	0	0	5	Electrical & Wind
									Strong winds from a thunderstorm felled trees and broke power lines. A house in Kiantone was stripped of its roof. A barn was also blown away. There were power outages in Kiantone, Carroll, Hartfield, Oswillville, Frewsburg, Busti, Poland, the town of Chautauqua, Jamestown, Durkirk and Fredonia. Lightning bolts sparked house fires in Jamestown.
Erie County	28	Afternoon			0	0	0	3	Lightning & Rain
									A lightning bolt hit a house in Kenmore and set it afire. Heavy rain fell on some portions of the City of Buffalo and parts of Niagara and Elmwood streets were covered with water.
Cattaraugus County	29	9:30 PM	12	30	0	0	0	4	C Tornado & Hail
									There were many funnel cloud sightings in Western New York on this date. One of these clouds touched down at Ashford Junction in the town of Ellicottville. It moved east southeast to the town of Lynden with a total intermittent path-length of 12 miles. On that path there were four 1-mile touchdowns. The touchdowns occurred in open and wooded country and the primary damage was to trees. At Ashford Junction, a garage was demolished by the tornado. In Franklinville two houses and two barns were destroyed. The tornado produced spotty 1/2 inch hail along its path and destroyed crops on several farmlands.
<b>NORTH CAROLINA</b>									
Madison County	16	5:50 pm	0	0	0	0	0	0	Hail
									Mars Hill Golf ball size hail from a thunderstorm moving southeast.
McDowell County	16	Afternoon	0	0	0	0	0	5	Hail
									Old Fort Golf ball size hail did \$100,000 worth of damage to apple crop from a thunderstorm moving southeast.
Cleveland, Lincoln, and McKlenburg Counties	16	6:00-9:10 pm	0	0	0	0	0	4	Hail, Wind
									Severe thunderstorms moved through Cleveland, Lincoln, and McKlenburg Counties accompanied by golf ball to baseball size hail. 60 mph wind gust at Charlotte Airport. Estimated \$100,000 damage to crops in three county area.
Duplin County	16	10:00 pm	0	0	0	3	0	0	Lightning
									Three ROTC students struck by lightning while capping out. All were hospitalized and one was seriously injured.
Wayne County	26	2:15 pm	?	?	0	0	0	0	Tornado
									A tdrnado was reported by Seymour Johnson AFB for short period of time on the ground. No damage reported. Tornado lifted as thunderstorm moved east.
Wayne County	26	Afternoon	0	0	1	0	0	0	Lightning
									Goldsboro Thirteen year old boy was killed by lightning that struck a utility pole and came down the guy wires.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH DAKOTA</b>									
Southwest (Western Morton, Western Grant and Eastern Hettinger Counties)	2	Afternoon and Evening			0	0	3	3	Flash Flood
					Heavy rains washed out parts of a Highway 10 miles south of New Leipzig and a highway near Mott, forced seven cows to swim to safety; killed five calves; and destroyed crop land.				
New Leipzig (Grant County)	2	6:12 p CST			0	0	0	4	Hail
					Golf ball to tennis ball size hail damaged crops.				
Watford City 55W (McKenzie County)	3	3:30 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Haynes 15E (Adams County)	3	4:30 p CST			0	0	0	2	Hail
					Egg sized hail damaged some crops.				
Trotters 10N (McKenzie County)	3	4:45 p CST							Two Funnels
Mandaree (Dunn County)	3	5:40 p CST							Funnel
Trotters 12NE (McKenzie County)	3	5:40 p CST			0	0	0	0	Hail
					Hail 3/4 to 1-1/4 inches in diameter. No damage reported.				
Watford City 15S (McKenzie County)	3	5:55 p CST			0	0	0	0	Funnel, Hail
					Hail up to 3/4 inch in diameter and a funnel cloud were reported. No damage reported.				
Manning (Dunn County)	3	6:20 p CST			0	0	3	0	Wind, Hail
					Winds of 70 mph and baseball size hail. The large hail killed several chickens and one pig; and injured several other pigs.				
Dunn Center (Dunn County)	3	7:01 p CST			0	0	3	0	Hail
					Tennis ball size hail broke many windows.				
Elgin 20SE (Grant County)	3	7:04 p CST			0	0	0	0	Hail
					Hail two inches in diameter. No damage reported.				
Heil 3S (Grant County)	3	7:45 p CST			0	0	0	0	Hail
					Golf ball size hail. No damage reported.				
Richardton 14N (Dunn County)	3	7:51 p CST			0	0	0	0	Hail
					Golf ball size hail. No damage reported.				
Zap (Mercer County)	3	8:30 p CST			0	0	0	3	Hail
					Hail caused moderate crop damage.				
New Salem 8S (Morton County)	3	8:43 p CST							Funnel
Beulah 10S (Mercer County)	3	8:46 p CST							Two Funnels
Beulah 5NH (Mercer County)	3	9:03 p CST							Funnel
Sweet Briar Dam 5N (Morton County)	3	9:25 p CST			0	0	0	0	Hail
					Baseball size hail. No damage reported.				
New Salem 3W & 8N (Morton County)	3	9:59 p CST							Funnel
Nelson Lake (Oliver County)	3	10:55 p CST			0	0	0	0	Hail
					Hail one inch in diameter. No damage reported.				
Wilton (McLean County)	3	11:20 p CST			0	0	0	0	Hail, Wind
					Golf ball size hail and winds of 70 mph. No damage reported.				
Baldwin (Burleigh County)	3	11:26 p CST							Funnel
Steele 15N (Kidder County)	4	12:01 a CST			0	4	4	0	Wind
					High winds destroyed a trailer house, and four persons living in the trailer suffered extensive abrasions.				
Streeter 12W (Kidder County)	4	2:30 a CST			0	0	0	3	Hail
					Hail caused moderate crop damage.				
Donybrook (Ward County)	4	12 p CST			0	0	0	3	Hail
					Hail caused moderate crop damage.				
Tagus (Mountrail County)	4	12:05 p CST							Funnel
<b>NORTH DAKOTA (continued)</b>									
Deering 28W (Ward County)	4	12:55 p CST							Funnel
Minot 20N (Renville County)	4	12:55 p CST			0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Mooreton (Richland County)	4	1 p CST			0	0	3	0	Wind
					Winds of 70 mph uprooted several trees.				
Lidgerwood (Richland County)	4	1:20 p CST			0	0	3	0	Wind
					Winds of 60 mph knocked a tree against a house damaging walls and ceilings on the house.				
Hankinson (Richland County)	4	1:20 p CST			0	0	3	0	Wind
					High winds tore the roof off a silo.				
Wahpeton (Richland County)	4	1:25 p CST			0	0	4	0	Wind
					Winds of 70 to 80 mph blew a roof off a storage building and blew out plate glass windows; uprooted trees and blew down signs; ripped a screen at a drive-in; knocked out power lines; and tipped over a small plane and semitrailer.				
New Town (Mountrail County)	4	1:37 p CST			0	0	0	0	Hail
					Hail one inch in diameter. No damage reported.				
Upham (McHenry County)	4	1:37 p CST			0	0	0	0	Hail
					Hail one inch in diameter. No damage reported.				
Minot AFB (Ward County)	4	1:45 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Towner 12N (McHenry County)	4	1:55 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Norwich 4N (McHenry County)	4	2 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Killdeer 10NW (Dunn County)	4	2:02 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Killdeer (Dunn County)	4	2:30 p CST	?	?	0	0	4	0	Tornado
					Tornado damaged several homes and killed some livestock.				
Willow City/Overly Area (Bottineau County)	4	2:30 p CST			0	0	3	0	Wind
					High winds knocked over a railroad car, downed power lines, and damaged grain bins.				
Dunn Center 10E (Dunn County)	4	2:50 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Manning 20E (Dunn County)	4	3 p CST	?	?	0	0	4	0	Tornado
					Tornado killed eight head of cattle; destroyed a grain bin, 40 tons of hay and a pole barn; damaged shingles and siding on a house, and a quonset hut.				
Hettinger 2S (Adams County)	4	4:55 p CST	9.7	30	0	0	4	0	Tornado
					Tornado touched down 2 miles south of Hettinger and moved east before dissipating near Haynes (Adams County). The tornado destroyed a small building, a pole barn and a trailer.				
Mott 2N & 4W (Hettinger County)	4	5:22 p CST	?	?	0	0	2	0	Tornado
					Tornado destroyed an old barn.				
Elgin 2N (Grant County)	4	5:40 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Carson (Grant County)	4	5:48 p CST							Funnel
Richardton (Stark County)	4	5:50 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Glen Ullin 55W (Morton County)	4	5:55 p CST							Funnel
New Leipzig 15N (Grant County)	4	5:58 p CST	?	?	0	0	0	0	Tornado
					Tornado touched down briefly. No damage reported.				
Haynes 15E (Adams County)	4	6:15 p CST			0	0	0	2	Hail
					Egg sized hail damaged some crops.				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1980

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>NORTH DAKOTA (continued)</b>									
Wilton (Burleigh County)	4	7 p CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Carrington (Foster County)	4	8:30 p CST			0	0	4	0	Lightning
									A fire, started by lightning, gutted a store.
Gascoyne (Bowman County)	5	1:30 a CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Regent (Hettinger County)	5	2:05 a CST			0	0	4	5	Hail, Wind, Heavy Rain
									Hail stripped leaves off trees, scrapped paint off sides of a building, broke windows, and damaged crops. High winds turned over a travel trailer. Heavy rains caused several washouts on roads.
New Leipzig (Grant County)	5	2:30 a CST			0	0	0	4	Hail
									Hail caused severe crop damage.
New Salem (Morton County)	5	Early Morning			0	0	4	0	Lightning, Heavy Rain
									Lightning strikes started a fire that burned down a barn containing 3000 bales of hay, burned out a well motor; knocked out electrical appliances, and knocked a fist size hole in a wall. Six sheep died after becoming pinned in mud caused by heavy rains.
Mandan 3N (Morton County)	5	7:15 a CST			0	0	3	0	Lightning
									Lightning strike blew the lid off a chimney and damaged wiring in a house.
Braddock (Emmons County)	5	8 a CST			0	0	0	4	Hail
									Hail caused severe crop damage.
Edgeley (LaMoure County)	5	9:55 a CST			0	0	0	0	Hail, Wind
									Hail one inch in diameter and winds of 60 mph. No damage reported.
Verona (LaMoure County)	5	10:30 a CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Lisbon 17SW (Ransom County)	5	11 a CST			0	0	3	5	Hail
									Hail the size of golfball damaged crops, shingles, windows, vehicles and trees.
Montpelier (Stutsman County)	5	12:10 p CST			0	0	0	0	Hail
									Hail 1-1/2 inches in diameter. No damage reported.
Abercrombie (Richland County)	5	3:05 p CST			0	0	0	0	Hail
									Hail one inch in diameter. No damage reported.
Mooreton (Richland County)	5	3:10 p CST			0	0	0	4	Hail
									Hail the size of golfballs damaged area crops.
Richardton 10S (Stark County)	6	6:10 p CST							Funnel
Grassy Butte (McKenzie County)	11	7:55 p CST			0	0	0	0	Hail
									Hail the size of hen eggs. No damage reported.
Taylor 25NW (Dunn County)	11	8 p CST			0	0	0	0	Tornado
									Tornado touched down briefly. No damage reported.
Killdeer (Dunn County)	11	8:35 p CST							Funnel
Fairfield (Billings County)	11	8:45 p CST			0	0	0	0	Hail
									Hail 3/4 inch in diameter. No damage reported.
Richardton (Stark County)	11	9 p CST							Funnel
Taylor (Stark County)	11	9:05 p CST			0	0	4	0	Wind
									Winds up to 105 mph blew a shed and several barns to pieces; lifted a grain bin off its foundation; ripped down fences; and overturned hay wagons.
Manning 6SE (Dunn County)	11	9:30 p CST			0	0	4	3	Hail, Flash Flood
									Egg size hail and five inches of rain were reported. The heavy rain caused flash flooding that toppled grain bins, washed away 200 hay bales, turned over a combine, and killed a baby pig. The large hail damaged crops.
<b>NORTH DAKOTA (continued)</b>									
Hebron (Morton County)	11	9:30 p CST			0	0	4	0	Wind
									High winds destroyed a double garage, tore part of a roof off a house, toppled trees, blew out windows, and tipped over a trailer house.
Zap (Mercer County)	11	9:40 p CST			0	0	5	0	Wind
									High winds demolished six mobile homes and damaged six others.
Dickinson (Stark County)	11	9:40 p CST			0	0	5	0	Wind
									High winds moved a new house off its foundation, and blew a roof off another house.
Zap 5SW (Mercer County)	11	9:42 p CST	?	?	0	0	0	0	Tornado
									Tornado touched down briefly. No damage reported.
Garrison 16E (McLean County)	11	9:50 p CST							Funnel
Center (Oliver County)	11	10:31 p CST			0	0	0	0	Hail
									Hail 3/4 inch in diameter. No damage reported.
Parshall 2SW (Mountrail County)	11	10:45 p CST	?	?	0	0	4	0	Tornado
									Tornado destroyed a machine shed.
Turtle Lake (McLean County)	11	11 p CST			0	0	4	0	Lightning
									Lightning damaged the High School chimney and started a fire that burned down a dairy barn.
Bowman (Bowman County)	11	11:55 p CST			0	0	3	0	Wind
									Winds up to 85 mph toppled trees.
Hazleton (Emmons County)	11	11:59 p CST			0	0	3	0	Hail
									Hail caused moderate crop damage.
New England (Hettinger County)	12	12:18 a CST			0	0	4	0	Wind
									Winds of 60 to 75 mph knocked down walls and ceilings of a warehouse under construction and toppled part of a silo.
Alfred 5N (Stutsman County)	12	12:30 a CST			0	0	0	4	Hail
									Hail caused severe crop damage.
Fairfield (Billings County)	12	8:30 p CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Dodge (Mercer County)	12	8:45 p CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Beach (Golden Valley County)	13	12:38 a CST			0	0	4	0	Wind
									Winds over 100 mph collapsed a small grandstand, moved an unoccupied house off its foundation, knocked down trees, blew the roof off a metal shed, downed power lines, and broke windows.
Fairfield (Billings County)	13	1:30 a CST			0	0	0	0	Wind
									Winds up to 60 mph. No damage reported.
Taylor 10NW (Stark County)	13	1:56 a CST			0	0	0	0	Wind
									Winds of 60 mph. No damage reported.
Richardton (Stark County)	13	2:15 a CST			0	0	0	0	Wind
									Winds up to 60 mph. No damage reported.
Beulah (Mercer County)	13	2:26 a CST			0	0	3	0	Wind
									Winds up to 70 mph tipped over a mobile home.
Underwood (McLean County)	13	3:10 a CST			0	0	3	0	Wind
									High winds knocked out power lines.
Hazleton (Emmons County)	13	7 a CST			0	0	0	3	Hail
									Hail caused moderate crop damage.
Elliot 5S (Ransom County)	13	8:15 a CST			0	0	0	0	Wind
									Winds of 70 to 80 mph. No damage reported.
Milnor (Sargent County)	13	8:30 a CST			0	0	3	0	Wind
									High winds blew a large tree against a house.
Wyndmere (Richland County)	13	8:40 a CST			0	0	3	0	Wind
									High winds knocked over small trees.
Abercrombie 10N (Richland County)	13	9:19 a CST							Funnel

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1980

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					KILLED	INJURED	PROPERTY	CROPS		
<b>NORTH DAKOTA (continued)</b>										
Calvin (Cavalier County) to Minto (Walsh County)	13	6:10 p CST			0	2	5	6		Hail, Wind
Hail, up to two inches in diameter, along with winds up to 100 mph, cut a swath 10 miles wide from Calvin through Langdon... Osnaprock...Edinburg...Park River and Grafton to Minto.										
The storm damaged the roof of a school and a grain elevator in Calvin; collapsed the roof of a barn killing seven head of cattle, blew over four trailer houses (two people were injured in one of the trailer houses), and blew out numerous windows, trees and poles in Langdon; broke numerous windows, damaged cars, stripped bark off trees, and blew a bar off the road in Grafton. The storm severely damaged crops in both Walsh and Cavalier Counties.										
Walhalla (Pembina County)	13	6:55 p CST								Funnel
Hensel (Pembina County)	13	7:10 p ? CST	?	?	0	0	0	0		Tornado
Tornado touched down briefly. No damage reported.										
Haynes 15E (Adams County)	14	8:45 a CST			0	0	0	3		Hail
Large egg sized hail damaged crops.										
Grant County	14	8			0	0	3	0		Heavy Rain
Heavy rain caused road damage and forced the Antelope Creek out of its banks.										
Gorham (Billings County)	15	Morning			0	0	4	5		Heavy Rain
Heavy rains did extensive damage to fields, fences, roads and bridges.										
Blaisdell (Mountrail County)	22	4:32 p CST			0	0	3	0		Wind
Winds of 60 to 70 mph stripped shingles off a roof and branches off a tree.										
Parshall (Mountrail County)	22	5 p CST			0	0	4	0		Lightning
Lightning strike started a fire that burned down a barn containing two antique cars.										
Minot AFB (Ward County)	22	5 p CST			0	0	0	0		Wind
Winds of 58 mph. No damage reported.										
Belcourt (Rolette County)	22	6:30 p CST								Hail
Charison (McKenzie County)	23	6 p CST			0	0	0	0		Hail
Hail 3/4 inch in diameter. No damage reported.										
Portal (Burke County)	23	7:05 p CST			0	0	0	0		Hail
Hail the size of her eggs. No damage reported.										
Beulah (Mercer County)	23	8:40 p CST			0	0	0	0		Hail
Quarter size hail. No damage reported.										
Velva 8S (McHenry County)	23	9:30 p CST			0	0	0	0		Tornado
Tornado touched down briefly. No damage reported.										
Underwood (McLean County)	23	9:47 p CST			0	0	0	0		Hail
Hail one inch in diameter. No damage reported.										
Steele 10S (Kidder County)	23	11 p CST			0	0	5	0		Lightning
Lightning started a fire that burned down a barn, milking parlor and hay stacks.										
Cavalier (Pembina County)	24	1:30 a CST			0	0	3	0		Wind
High winds knocked over a storage tank. The tank landed on several vehicles.										
Ryder (Ward County)	26	9 a CST			0	0	0	0		Hail
Hail one inch in diameter. No damage reported.										
Driscoll (Burleigh County)	26	1:45 p CST			0	0	0	0		Hail
Walnut size hail. No damage reported.										
Marion 5N (Barnes County)	26	2 p CST			0	0	0	5		Hail
Hail up to 2-1/2 inches in diameter damaged crops.										
Jamestown (Stutsman County)	26	2 p CST			0	0	0	0		Hail
Walnut size hail. No damage reported.										
LaNoure (LaNoure County)	26	2:22 p CST			0	0	0	0		Hail
Golfball size hail. No damage reported.										
<b>NORTH DAKOTA (continued)</b>										
McLeod (Ransom County)	26	2:50 p CST			0	0	0	0		Hail
Hail one inch in diameter. No damage reported.										
Wahpeton 5W (Richland County)	26	4:29 p CST			0	0	0	0		Hail
Golfball size hail. No damage reported.										
Verona (LaNoure County)	26	5:20 p CST			0	0	0	0		Hail
Golfball size hail. No damage reported.										
Horace (Cass County)	26	7:06 p CST			0	0	0	0		Hail
Lisbon (Ransom County)	26	7:20 p CST			0	0	4	3		Hail
Egg size hail broke windows and windshields; damaged roofs; and destroyed some crops.										
Sheldon (Ransom County)	26	7:20 p CST			0	0	0	5		Hail
Hail severely damaged crops.										
Mott (Hettinger County)	27	10:58 a CST			0	0	2	0		Wind
Winds of 60 mph blew over a bulk fertilizer truck.										
Medina (Stutsman County)	27	3 p CST								Funnel
<b>OHIO NO DATA RECEIVED</b>										
<b>OKLAHOMA</b>										
Near Enid, Garfield County	4	11:00 a			0	0	5	0		Lightning
Lightning struck an oil tank battery on a farm located 5 1/2 miles east of Enid. Oil tanks and other equipment were destroyed.										
Gage, Ellis County	4	2:00 a			1	1	4	0		Lightning
Lightning struck the antenna of a CB radio. The radio exploded and set the house on fire. A family of four were asleep in the house. A mother and her 12 year old daughter were severely burned. The daughter died several days later. Two bedrooms destroyed and remainder of house damaged by smoke and water.										
Sharon Area, Woodward County	5	2:30 a			0	0	4	0		Wind
Winds likely in excess of 50 knots snapped a utility pole and destroyed a metal barn. A number of tree limbs were broken and television antennas damaged.										
Guymon Area, Texas County	10	3:30 p			0	0	5	7		Hail
Hail up to baseball size caused severe damage, particularly to the north and east sections of Guymon. Numerous vehicles sustained broken windshields. Many homes sustained roof and some window damage. The roof of an equipment company on Highway 54 East was destroyed and equipment inside heavily damaged. Other businesses in the same area also received heavy damage, including two mobile home businesses. Most crop damage occurred east and south of Guymon.										
Woods, Alfalfa, Major and Garfield Counties	16	7:30a-9:30a			0	0	0	7		Hail
Severe thunderstorms produced wind driven hail ranging from marble to baseball size. The storms began in Kansas and continued as they crossed the Oklahoma border in Woods and Alfalfa Counties. It was estimated 100,000 acres of wheat sustained 20 to 50 percent or more loss. An estimated 130,000 acres sustained 20 to 50 percent loss. An additional 500,000 acres of wheat sustained 3 to 4 percent loss.										
Alva Area, Woods County	16	8:00a-8:30a			0	1	5	0		Hail, wind
Golf ball size hail was driven by strong winds. Many homes in the northwest portion of Alva had north-facing windows broken by hail. One man was slightly injured by wind driven hail. Numerous vehicles sustained damage.										
Enid, Garfield County	16	8:50 a			0	0	5	0		Wind, hail
A severe thunderstorm caused heavy damage in Enid. Winds were clocked at 60 m.p.h. West and northst sections were especially hard hit. One business was unroofed and its contents heavily damaged. Another business was partially unroofed. A number of other businesses sustained lesser damage. Two buses sustained heavy damage. One car was flipped over on its side. A line of utility poles along Rupe Road were snapped off near their bases. A radio tower was blown over. Some trees were blown over and many others damaged.										
Near Rocky, Washita County	16	5:53 p			0	0	0	0		Funnel cloud
Approximately 3 miles west of Rocky.										

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
<b>OKLAHOMA (continued)</b>									
Near Hobart, Kiowa County	16	6:12 p.			0	0	0	0	Funnel cloud
Near Roosevelt, Kiowa County	16	6:23p. - 6:26p.	1/2	100	0	0	0	0	Tornado
					A small tornado occurred in open country approximately 3 miles north and 2 miles east of Roosevelt. Witnesses observed a rotating wall cloud with an area of circulating dirt and debris near the ground and underneath the wall cloud. No visible condensation cloud was evident connecting the wall cloud and the rotating dirt and debris below. The tornado lasted for approximately 3 minutes. Little if any damage was observed.				
Near Cooperton, Kiowa County	16	6:30p. - 6:50p.	*1		0	0	4	5	Hail
					A hailstorm south of Cooperton caused severe damage to wheat and cotton crops. The largest hailstones were of softball size. The worst damage appeared to occur along an area 3 miles wide from 5 miles west-southwest of Cooperton to 3 miles east-southeast. Some areas of wheat were completely destroyed. Vehicles and farm buildings were also damaged.				
Northwest Comanche County	16	7:03 p.			0	0	0	?	Hail
					A hailstorm was observed at the ledge of the Wichita Mountains Wildlife Refuge in northwestern Comanche County. Hailstones up to 1/2 inches in diameter were reported.				
Near Edmond, Oklahoma County	16	9:25 p.			0	0	2	0	Hail
					Hailstones up to 1/2 inches in diameter fell near Edmond. High winds and heavy rain accompanied the storm. Little damage was reported.				
Near Edmond, Oklahoma County	16	9:30 p.			0	0	0	0	Funnel cloud
Near Stroud, Lincoln County	16	11:40 p.			0	0	0	0	Funnel cloud
Tulsa, Tulsa County	16	11:50 p.			0	1	5	0	Lightning
					Four homes were struck by lightning. One home was destroyed and another heavily damaged. The other two homes sustained little damage. A 4-day old infant was treated for smoke inhalation.				
Tulsa and Northeast Creek Counties	16-17	p.m., all day, 17			0	0	4	0	Flash flood
					Rainfall totals ranging from 6 to 10 inches were reported in the Tulsa area from rain which fell on the 16th and 17th. Local creeks and rivers overflowed their banks. Included were Fry Ditch and Berryhill Creeks; Mingo, Joe and Cherry Creeks were running at full capacity. Some homes and businesses received water damage. Most damage was confined to roads and bridges. A number of vehicles also received water damage.				
Payne County	16-20	All day			0	0	5	0	Flash flood
					General rainfall amounts across the county during the period from the 16th to the 20th averaged 5 inches with isolated 12 inch amounts reported. About 15 bridges and 10 miles of county roads destroyed.				
Pawnee County	16-20	All day			0	0	5	0	Flash flood
					Flash floods resulting from heavy rains during the period from the 16th to the 20th destroyed 4 bridges and caused considerable road damage. The Liberty area sustained the greatest damage.				
Near Okemah, Okfuskee County	17	12:30 a.			0	0	4	0	Wind
					Strong winds caused damage in the Okemah City Lake area. A cabin, three mobile homes and a pickup truck were damaged. One boat was damaged and another sunk. A chicken barn was unroofed. Fallen trees and large limbs blocked the lake road.				
Near Broken Arrow, Tulsa County	17	8:42 a.			0	0	5	0	Lightning
					Lightning was listed as the probable cause of a fire which heavily damaged a house and its contents east of Broken Arrow.				
Lawton, Comanche County	18	9:45p. - 10:45p.			0	0	4	0	Hail, wind
					Hail ranging from pea size up to 1 1/2 inches in diameter pelted the Lawton area. Peak wind speeds were unofficially estimated at 50 to 60 m.p.h. Roof damage was reported and signs were blown out.				
Duncan, Stephens County	18	11:00 p.			0	0	3	0	Wind
					Strong thunderstorm winds blew down several trees in the area. A local cable television station reported unofficial wind gusts up to 60 m.p.h. Damage was relatively minor.				
<b>OKLAHOMA (continued)</b>									
Deer Creek Area, Grant County	19	12:05 a.			0	0	4	4	Hail, wind
					Hail ranging from egg to softball size caused property and crop damage mainly in a 6 square mile area which included the Deer Creek area. Many windows on the north side of houses were broken out. Many vehicles were damaged. Some wheat fields were heavily damaged.				
Marland, Noble County	19	12:30 a.			0	0	4	0	Wind
					Strong thunderstorm winds uprooted a number of trees causing damage to vehicles, garages and houses. A mobile home was damaged.				
Near Capron, Woods County	19	12:45 a.			0	0	1	7	Wind
					Strong winds uprooted a tree and heavily damaged several others. Marble size hail accompanying the wind caused some wheat damage.				
Cleveland, Pawnee County	19	1:00 a.			0	0	4	0	Wind
					Winds likely in excess of 50 knots caused mainly tree and roof damage throughout the area.				
Tulsa, Tulsa County	19	1:15 a.			0	0	7	7	Hail
					Hail up to 1 1/2 inches in diameter fell during a strong thunderstorm.				
Southwest Noble and Northern Logan Counties	19	1:20 a.			0	0	4	0	Wind
					Winds estimated at 80 m.p.h. knocked down 10 power poles supporting an electrical line which supplies power to the Marshall and Lucien areas.				
Coweta Area, Wagoner County	19	1:30a. - 5:30a.			0	0	6	0	Flash flood
					Heavy rains lasting several hours caused Coweta Creek to overflow its banks. Seventeen homes in the Cottonwood Housing Addition in the southwest part of the city received the heaviest damage. Many homes in that area had three feet or more water inside and the contents of most of these homes were totally destroyed. Fifty-six homes in the county reported flood damage. Forty-four of these were within the city limits of Coweta. Approximately 9 inches of rain was received in a four hour period. Nine county bridges, two highway bridges and five city bridges were destroyed or heavily damaged by the high water.				
Near Henryetta, Okmulgee County	19	2:45a.			0	0	0	0	Funnel cloud
Norman, Cleveland County	19	2:53 a.			0	0	2	0	Wind
					Wind gusts up to 53 knots were recorded at the National Severe Storms Laboratory. Only minor tree damage was reported.				
Near Lindsay, Garvin County	19	10:10 p.			0	0	?	?	Hail
					Hail up to 1 inch in diameter was measured by storm chase team members of the National Severe Storms Laboratory during a heavy thunderstorm located approximately 3 miles south of Lindsay.				
Middleburg, Grady County	19	11:34 p.			0	0	?	?	Hail
					Hailstones up to 1 1/2 inches in diameter were measured by storm chase team members of the National Severe Storms Laboratory during a heavy thunderstorm at Middleburg.				
Atoka County	20	1:00a. - 3:00a.			0	0	5	0	Wind
					Strong thunderstorm winds caused scattered damage throughout Atoka County. Trees were uprooted and power lines downed. Winds were unofficially estimated in the 75 to 100 m.p.h. range. House damage from falling trees was reported. A school building in Stringtown was unroofed.				
Kremlin Area, Garfield County	20	1:15 a.			0	1	5	0	Wind
					One man was slightly injured when his mobile home overturned. Another mobile home was unroofed and a garage destroyed. A shed was destroyed. Five power poles were downed. Several businesses were partially unroofed.				
El Reno, Canadian County	20	2:30 a.			0	0	5	0	Wind
					Thunderstorm winds demolished the roof of a cafe. A semi-trailer truck and an 18 foot travel trailer were turned over. Several fences were damaged and numerous trees uprooted.				
Oklahoma City Area, Oklahoma County	20	2:45 a.			0	0	5	0	Wind
					Strong thunderstorm winds caused scattered damage throughout the city area. A number of trees were uprooted causing house and vehicle damage. A bank in Midwest City was partially unroofed.				

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					KILLED	INJURED	PROPERTY	CROPS		
Norman, Cleveland County	20	3:05 a.			0	0	5	0	Wind	
									Strong thunderstorm winds destroyed a building under construction. The roof of a gas and oil equipment building was caved in causing damage to inside equipment. The plate glass window of a tire store was broken. Moderate damage to trees and power lines was reported. A peak wind speed of 57 knots was measured at the National Severe Storms Laboratory.	
Chickasha, Grady County	20	3:00a-5:00a.			0	0	4	0	Wind	
									Strong thunderstorm winds caused tree, roof and power line damage. A line of power poles was blown down on the west side of Chickasha at Linville Road.	
Marietta Area, Love County	20	6:35 a.			0	0	5	?	Wind, hail	
									Strong thunderstorm winds partially unroofed a library and newspaper office. A large number of trees were damaged or destroyed. A few miles north and northeast of Marietta hailstones up to baseball size knocked out 150 windows at the Greenville school. Vehicles in the hail area sustained heavy damage.	
Norman, Cleveland County	22	2:25 a.			0	0	0	0	Wind	
									Winds were clocked at 53 knots during a thunderstorm at the National Severe Storms Laboratory. No damage was reported.	
Near Edmond, Oklahoma County	22	4:00 a.			0	0	5	0	Lightning	
									Lightning caused a fire which destroyed a rural home near Edmond.	
Near Harrah, Oklahoma County	22	5:30 a.			0	0	5	0	Lightning	
									Lightning caused a fire which destroyed a rural home near Harrah.	
Near Vinita, Craig County	30	6:00 a.			0	0	3	0	Wind	
									Approximately 5 miles north of Vinita several dozen trees along a creek were split or uprooted by high winds. A hay barn and fences were damaged.	
<b>OREGON</b>										
Multnomah, Washington, Tillamook, Lincoln, Polk, Yamhill, Marion, and Clackamas Counties	12	9:00 PM to 11:00 PM PDT					5	6	Received varying amounts of ash from Mt. St. Helens volcano. Trace up to 1/4".	
<b>PACIFIC</b>										
NO DATA RECEIVED										
<b>PENNSYLVANIA EASTERN</b>										
NO DATA RECEIVED										
<b>PENNSYLVANIA WESTERN</b>										
Allegheny, Armstrong, and Westmoreland Counties	3	12:30pm	14		0	140	7	?	Tornado	
									A tornado ripped through Natrona Heights and the Kiski Valley. No deaths, but more than 140 injured. When it passed through a trailer court in Apollo, half of 177 mobile homes were damaged. At Natrona Heights 2 stores and a restaurant were severely damaged at a shopping center. In Vanderyift 7 homes were badly damaged. Total damage in this area was estimated at \$6 million.	
Indiana County	3	afternoon	6		0	0	?	0	Tornado	
									A tornado destroyed 3 mobile homes, a house, and a helicopter at Elder's Ridge (2 miles north of Saltsburg).	
Mercer County	3	afternoon			0	0	4	0	Lightning	
									Lightning struck a house in Grove City and started a fire in the kitchen. The fire was confined to the kitchen, but there was extensive smoke and heat damage to the rest of the interior.	
Lawrence County	3	afternoon			0	1	0	0	Lightning	
									A boy in New Castle was struck by lightning in his home. The lightning traveled through a television cable into the basement where it bounced off a wall and hit the boy in the back. His injuries were not serious.	
Western	7	afternoon			0	0	?	0	High Winds	
									High winds from thunderstorms caused power outages and fallen trees over most of Western Pennsylvania.	
<b>PENNSYLVANIA (continued)</b>										
<b>WESTERN</b>										
Cambria County	9	5:15pm		7		0	0	6	?	Tornadoes
										Two tornadoes hit Chest Springs (15 miles northwest of Altoona). It was reported to be smaller and to have quickly dissipated. Together they caused a total estimated damage of \$500,000. There were no major injuries but 2 homes, 1 mobile home, 2 garages, a barn, and a silo were destroyed. Nine other homes were extensively damaged.
Crawford County	15	3:45pm		4		0	0	3	?	Tornado
										A tornado touched down at the Tamarack Lake area near Meadville. A barn was demolished, trees uprooted, and 18 girl scouts were trapped at a camp. Trees fell across an access road and a bridge across a creek washed out, but the girls were rescued in less than 2 hours.
Fayette County	15	9:15pm				0	0	?	0	Tornado
										A funnel cloud was sighted in Chalk Hill (just southeast of Uniontown). Damage was limited to uprooted trees and minor power outages. Residents said it briefly touched ground.
Clinton County	28	4pm				0	0	5	?	High Winds
										High winds knocked over a lot of trees in the Renovo area causing power outages and an estimated \$100,000 damage.
<b>PUERTO RICO</b>										
Off Culebra	9	2:40 p				0	0	0	0	Waterspout
<b>RHODE ISLAND</b>										
NONE REPORTED										
<b>SOUTH CAROLINA</b>										
Lake City, Florence County, S.C.	8	1835		1	17	0	2	5	0	Tornado
										A mini tornado touched down 4 miles east of town about 6:35 P.M., EDT. It was accompanied by heavy rain. A medium-sized tobacco curing shed was demolished, one side of an office building was torn off, and considerable roof damage was done to a large warehouse. Some trees were uprooted and a few twisted off. An automobile was picked up and thrown into the ditch on the other side of the road. The two occupants were injured slightly.
Surfside Beach, Horry County, S.C.	12	0615						4	0	Windstorm (Heavy Thunderstorm)
										Strong winds from a thunderstorm blew gravel from the top of an ocean front motel into parked cars, causing chipped paint and broken windshields and side windows on 45 parked cars at the hotel.
<b>SOUTH DAKOTA</b>										
Akaska, Walworth Co.	2	7:20PM						4	5	Hail
										Golfball sized hail did considerable damage to crops, broke windows and stripped paint from buildings.
Huron area, Beadle Co.	4	11:15AM to 11:30AM								Tornado, Wind
										Winds of 60-70 MPH were reported by an off duty NWS employee located five miles west of Huron. 70 MPH winds were recorded at Huron Airport. Tornado was sighted three miles west of Huron. Considerable damage from wind, minor damage from tornado.
Mitchell, Davison Co.	4	1 PM								Wind
										Winds reported at 50 MPH. No damage.
Brookings area, Brookings County	4	1 PM								Wind
										The public reported 50 MPH winds four miles north of Brookings.
Long Valley, Southern Jackson County	4	1:45PM						4	3	Tornadoes, Hail
										Public reported six tornadoes within one-half hour; two tornadoes occurring at one time. Hailstones up to 2 1/2 inches in diameter were reported.
Salem, McCook County	4	2 PM								Winds
										Public reported wind estimated near 70 MPH.
Valley Springs, Eastern Minnehaha County	4	2:25PM						4		Hail
										Public reported golfball sized hail.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>SOUTH DAKOTA (continued)</b>									
Sioux Falls area, Lincoln County	4	2:25 PM					4		Wind
									Public reported winds estimated near 70 MPH five miles south of Sioux Falls. WELO Radio Station tower was blown over.
Sioux Falls, Minnehaha County	4	2:34PM					4		Wind
									60 MPH wind gusts were recorded at Joe Foss Field, NWS Office. There was considerable breakage of tree limbs, uprooted trees, broken power and telephone lines. Many signs were destroyed.
St Francis, Todd Co.	4	5:30PM					4	4	Hail
									Baseball sized hail caused considerable property and crop damage.
Lemmon area, Perkins County	4	5 PM to 6 PM					4		Tornadoes
									Police Chief observed numerous funnel clouds and tornadoes nine miles west of Lemmon. Several small formations combined into one larger tornado. One mobile home and an automobile were destroyed and/or overturned.
Gettysburg, Potter Co.	5	9:30PM					4		Wind
									The public reported strong winds near 75 MPH.
Polo, Hand County	5	9:55PM							Tornadoes
									Three tornadoes reported by the public six miles west and two south of Polo. No damage.
Miller area, Hand Co.	5	10:20PM							Funnel Cloud
									The County Sheriff reported funnel clouds ten miles northwest of Miller. They did not touch down.
Pierre, Hughes County	6	12:45AM					4		Hail
									One inch hail was observed at airport. There was considerable damage to windows and small aircraft.
Tripp, Hutchinson Co.	6	4-6 PM					4	4	Hail, Winds
									Golf ball sized hail and strong winds were reported by public. Extensive damage to windows, automobiles and crops.
Martin, Bennett Co.	6	6:30PM							Hail
									One inch hailstones were reported. There was no estimate of crop damage.
Kadoka area, Jackson County	6	6:40PM							Hail
									Golf ball sized hail was reported west of Kadoka. It lasted only two minutes and there was no estimate of crop damage.
Hayes, Stanley Co.	6	6:55PM					4	4	Hail, Wind
									Large hail and winds estimated near 60 MPH caused property and crop damage.
Onida, Sully County	6	7:06PM							Tornado
									Public reported a tornado. No damage.
Kimball area, Brule County	6	8:15PM					4	4	Hail
									Golf ball sized hail was reported by public fifteen miles south of Kimball. Property and crop loss estimated near \$40,000.
Platte, Charles Mix County	6	8:50PM					4	4	Hail, Wind
									Golf ball sized hail and wind estimated near 60 MPH caused considerable damage to crops, buildings and automobiles.
Corsica and New Holland area, NE Douglas Co.	6	9:05PM to 10PM							
									Baseball sized hail and winds near 55 MPH caused widespread crop and property damage.
Norris area, Southwestern Mellette Co.	6	9:20PM							Funnel Cloud
									Public reported a funnel cloud five miles southwest of Norris. No damage.
Armour, Douglas Co.	6	9:30PM					5	5	Hail, Wind
									Hail four inches in diameter, caused widespread property and crop damage. Several hailstones penetrated through the roof of a Nursing home. Winds were estimated near 60-65 MPH.
Platte, Charles Mix County	6	10PM					4	4	Hail
									Golfball sized hail caused additional damage to windows, automobiles, crops, etc. This was the second storm in the same evening.
<b>SOUTH DAKOTA (continued)</b>									
Gregory, Gregory Co.	6	10:14PM					4	4	Hail, Wind
									Golfball sized hail and winds estimated near 60 MPH were reported.
Stickney area, Aurora County	6	10:28PM							Tornado
									Public reported a tornado six miles west of Stickney. No damage.
Mt. Vernon, Davison County	6	10:45PM							Wind
									Public reported winds estimated at 50-55 MPH.
Huron area, Beadle Co.	6	10:50 to 11PM							Wind
									Public estimated wind gusts between 60-65 MPH five miles south of Huron.
Delmont, Douglas Co.	6	11:10PM							Tornado
									Public reported a tornado five miles north of Delmont. No damage.
Vermillion area, Clay County	7	12:30 to 12:45AM							Wind
									Public estimated wind gusts to near 60 MPH 15 miles north of Vermillion.
Webster, Day County	12	3:53PM							Tornado
									Road construction crew reported a tornado dipped down in open country 10 miles south of Webster. No damage.
Huron, Beadle Co.	12	8:00PM							Hail
									Three-quarter inch hail observed at NWS Office, Airport.
Wolsey, Beadle County	12	8:20PM							Hail
									Golfball sized hail caused heavy property and crop damage.
Letcher, Sanborn Co.	12	11:40 to Midnight					4	5	Hail, Wind
									Golfball sized hail and wind estimated near 55-60 MPH caused property and crop damage.
Watertown area, Codington County	13	8:50AM					5	3	Wind
									Winds estimated near 70 MPH occurred at Lake Kempeka near Watertown, causing property damage near \$150,000.00 to boats, docks, marinas and cottages. Most crops were expected to recover.
Hot Springs, Fall River County	14	1:40AM							Hail
									One inch to golfball sized hail was reported. No damage estimate was available.
Angustura Reservoir, Fall River County	14	2:20PM to 2:30PM					3		Hail
									Golfball sized hail reported. Automobile roofs and windshields damaged.
Rapid City, Pennington County	14	3:40PM							Hail
									Three-quarters to one inch hail was reported. No damage reported.
Spearfish, Lawrence County	14	4:45PM to 4:50PM							Hail
									Golfball sized hail reported. No damage.
Edgemont, Fall River County	14	5:45PM to 5:50PM							Hail
									One inch to golfball sized hail reported. No damage.
Pine Ridge, Southern Shannon County	15	9:30PM to 9:40PM					3		Hail
									Golfball sized hail reported. Many windows broken.
Pine Ridge area, Shannon County	15	10:40PM							Tornado
									Public reported a tornado eleven miles east of Pine Ridge. No damage.
Estelline area, Brookings County	16	11:15AM							Tornado
									A farmer reported a tornado touched down twice and skipped across open pasture, seven miles south-southwest of Estelline. Touch down lasted less than one minute.
Watertown area, Hamlin County	18	3:45PM							Tornado
									Two tornadoes, fifteen miles south of Watertown, touched down in open country for one to two minutes. No damage.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS	
<b>SOUTH DAKOTA (continued)</b>									
Watertown, Codington County	18	4:10PM							Funnel Cloud
		The public reported a funnel cloud.							
Watertown, Codington County	18	4:25PM							Hail
		Three-quarters to one inch hail was reported four miles south of Watertown. No damage reported.							
Sturgis area, Meade County	18	1:20PM							Hail
		One inch to golfball sized hail was reported by the public.							
Rapid City area, Pennington County	21	1:00 to 1:20PM							Hail
		One and one-half inch hail was reported in an area ten miles west of Rapid City to the city. No damage reported.							
Hot Springs, Fall River County		5:50PM to 6:00				4			Hail
		Golfball sized hail almost covered ground. There was considerable damage to automobiles and windows.							
Iroquois area, Beadle County	25	8:45PM							Wind
		Public reported wind gusts to 55 MPH 3 miles south of Iroquois.							
Esmond, Kingsbury Co.	25	8:50PM							Hail
		One inch hail reported. No damage.							
Forrestburg area, Sanborn County	25	8:59PM							Tornado
		Public reported that a tornado touched down briefly six miles north of Forrestburg. No damage.							
Pierre area, Stanley County	26	4:15PM to 4:35PM							Hail
		Two and one-half inch hail, lasting only 20 minutes, occurred 45 miles northwest of Pierre. No damage reported.							
Harrington, Bennett County	26	7:50PM				4			Winds
		70 MPH winds were reported. Tree limbs were down and power and telephone service was disrupted.							
Presho, Lyman County	26	8:33PM					4		Winds
		Public estimated wind speed at 75-80 MPH. Considerable crop damage.							
Winner, Tripp Co.	26	8:45PM							Winds
		Public estimated winds at 75-80 MPH 15 miles west of Winner. No damage reported.							
Huron area, Beadle County	26	9:30PM							Winds
		Farmer reported winds 50-55 MPH. No damage.							
Mt. Vernon, Davison County	26	10:22PM							Winds
		Public estimated winds 75-70 MPH. No damage reported.							
Mitchell area, Davison County	26	10:25PM							Winds
		Public report of winds 55-60 MPH, five miles west of Mitchell.							
Mitchell, Davison Co.	26	10:45 PM to 11:00PM					5		Winds, Hail
		Mitchell Airport reported winds of 100 MPH. Golfball sized hail was also reported. Damage was estimated near \$200,000.00.							
Salem, McCook County	26	11:20PM							Winds
		Public estimated winds near 55-60 MPH.							
Mina area, Edmunds Co.	26	11:20PM							Winds
		Public estimated winds near 70 MPH seven miles south of Mina.							
Britton area, Brown County	26	11:20PM							Winds
		Public estimated winds of 50-55 MPH twelve miles west of Britton.							
Wall Lake, Minnehaha County	26	11:35							Winds
		Cooperative observer reported winds of 70 MPH. No damage reported.							
Hayes, Stanley County	30	9:50PM							Winds
		Strong winds blew windows out of houses. Estimated to be 65-70 MPH.							
<b>TENNESSEE</b>									
Niote Area, McMinn County	16	3:00 p.					5	5	Hail, high winds
		Hailstones over 3 inches in diameter, as much as one inch of rain, and winds estimated at 70 miles an hour came with a thunderstorm which lasted about 30 minutes and caused major property and crop damage. Tobacco and corn fields were leveled and 40 to 50 barns and houses were damaged along with 15 autos.							
Flat Gap, Jefferson County	16	4:00 p.				3	4		High winds, funnel cloud
		High winds with a thunderstorm completely destroyed a mobile home with three people inside. The people were thrown out of the mobile home as it was rolled over by the wind. A funnel cloud was reported in the area of high winds.							
Chattanooga, Hamilton County	16	4:00 p.					4		High winds, hail, heavy rains, lightning
		Winds gusting to 55 miles an hour, one-half inch hail, and more than an inch of rain caused scattered damage in and around Chattanooga. Trees were downed and power knocked out to as many as 25,000 homes. Four houses had fires which were caused by lightning strikes. Some minor flooding was reported in scattered low areas around town.							
McDonald, Bradley County	16	Late After					1		Lightning
		A man was injured when lightning struck near him as he worked at a construction site. The man suffered burns to his left foot and reported numbness in his left arm and leg.							
Near Soddy-Daisy, Hamilton County	16	10:30 p.					3		Lightning
		Lightning struck TVA's Sequoyah Nuclear Plant causing a circuit breaker to shatter spraying pieces across the 161,000-volt switchyard. No other damage was caused to the rest of the plant.							
Near Milan, Gibson County	23	7:55 p.							Hail
		Ping pong ball size hail was reported by the Gibson County CD.							
5 Miles East of Covington, Tipton County	23	Abt 8 p.							Hail
		Golfball-size hail was reported by the Tipton County Sheriff's Department.							
Memphis, Shelby County	24	Morning					5		Flash flooding
		A storm which brought heavy rains to the Memphis area caused flash flooding on Todd Creek in North Memphis (Fryser). About 4 inches of rain was measured at the airport. Memphis Mobil City was hardest hit where some residents were taken from their homes by boat. In the Todd Creek area, 11 homes sustained flood damage together with about 60 cars.							
West of McMinnville, Warren County	24	3:00 p.	.1	10			3		Tornado
		Small tornado dropped down briefly west of McMinnville on Old Shelbyville Road near Hall's Grocery. One barn was damaged and several trees felled.							
Chattanooga, Hamilton County	24	4:20 p.	7	7					Tornado
		A small tornado touched down briefly twice near the Brown Acres Golf Club in East Brainerd. The tornado was observed by two policemen and two ambulance attendants and caused no property damage.							
Nashville Area, Davidson County	29	3:45 a.					4		Lightning, heavy rains
		A hole in Heritage was struck by lightning causing a fire which extensively damaged the home. The Nashville area received about 2-1/2 inches of rain in two thunderstorms (one at 3:30 a. and one at 8:00 a. The rain caused problems for morning motorists but was welcomed as the first significant rain since May.							
Lexington, Henderson County	29	Morning					4		Winds
		Strong, gusty winds with a thunderstorm inflicted scattered damage across the Lexington area. Three mobile homes were damaged or destroyed when they were blown over by the wind.							
Near Cash Point, Lincoln County	29	11 a.	1	40			4		Tornado
		A tornado dropped down briefly just before 11 a. destroying a silo, a 100-foot equipment shed, a workshop, a fence row, and several trees. The tornado came just before some welcome rain.							



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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS NORTHERN</b>									
Arlington, Tarrant County	1	3:30 a			0	0	4	0	Windstorm
									Strong thunderstorm winds caused scattered roof tree, and sign damage in Arlington. Civil Defense authorities also reported wind damage at the Six Flags Over Texas amusement park.
Franklin, Titus, Morris, Cass, and Marion Counties	8	12:30 p- 2:30 p			0	2	5	0	Windstorms
									A band of heavy thunderstorms moved southward across the area, producing scattered wind damage. Trees were uprooted, signs damaged, and numerous boats were turned over on Lakes Sandlin, Monticello, Cypress Springs, and Welsh. Many lives were saved by the fact that life jacket laws were strictly enforced on these lakes. Two people were injured by falling trees. One of the injuries occurred at Lake Monticello and a young boy was seriously injured by a falling tree at Caddo Lake State Park. Winds in the area were estimated to have exceeded 60 MPH.
Chillicothe, Hardeman County	19	12 Mndt			0	0	?	?	Windstorm
									Wind damage occurred at several downtown buildings as a severe thunderstorm swept across the area.
Central and Northern Archer County	19	12 mndt.			0	0	4	0	Windstorm
									Strong thunderstorm winds damaged farm outbuildings from just south of Wichita Falls to the Archer City area. Utility poles were toppled in and around Archer City, resulting in a power blackout in town.
Sherman and Denison, Grayson County	19	2:30 a- 3:00 a			0	0	4	0	Windstorm
									Thunderstorm winds resulted in scattered damage to trees, signs, powerlines, and roofs.
Grayson County	20	12:10 a- 5:20 a			0	0	3	0	Hailstorm
					0	0	4	0	Windstorms
									A series of severe thunderstorms moved across Grayson County. At 12:10 AM, golf ball to baseball size hail occurred several miles north of Whitesboro, causing minor damage. Strong winds heavily damaged a barn near Howe at 3:20 AM. Winds uprooted trees and caused minor damage in the Sherman-Denison area between 5:00 AM and 5:20 AM.
Hurst, Tarrant County	20	1:15 a			0	0	5	0	Lightning
									A lightning-set fire destroyed a wood-shingled home in Hurst, resulting in \$75,000 damage.
Collin County	20	3:15 a- 3:45 a			0	0	4	0	Windstorm
									Strong thunderstorm winds downed trees and powerlines in and around McKinney and Allen.
Greenville, Hunt County	20	4:25 a			0	0	5	0	Lightning
									Lightning struck and burned a home in Oak Village, destroying most of the house and its contents.
Detroit, Red River County	20	4:30 a			0	0	4	0	Windstorm
									Thunderstorm winds destroyed a chicken house and uprooted trees on a farm near Detroit. Several windows were broken in the farm house.
Southwestern Dallas County	20	8:15 a							Funnel Cloud
									The funnel cloud was sighted near Duncanville, above the Love Freeway and Wheatland Road intersection.
Hopkins County	20	9:15 a			0	0	4	0	Lightning
									Lightning burned a barn full of \$9,000 of hay near Yantis, which is 10 miles south of Sulphur Springs. A wall and electrical wiring were burned out of a Sulphur Springs home that was also struck by lightning.
Lufkin area, Angelina County	20	1:00 p	Short	Narrow	0	0	2	0	Tornado
					0	0	4	0	Windstorm
									A heavy thunderstorm resulted in scattered minor damage in and around Lufkin. Trees were uprooted and power lines snapped by the strong winds. A small tornado struck in the Smith edition just north of Lufkin. An eye witness said that the tornado followed a heavy shipper, and was accompanied by a loud roaring sound. The witness said that the tail of the funnel was at tree top level, but minor damage beneath the funnel indicates that it did have a weak surface circulation.
Stephenville area, Erath County	20	6:30 p- 7:20 p	Short	Narrow	0	0	0	0	Funnel Cloud and Tornado
									At 6:30 PM, personnel at the Stephenville Weather Service Radar Office witnessed a funnel cloud. The Department of Public Safety reported a brief tornado touchdown in open country south of Stephenville at 7:20 PM. The tornado did not cause any damage.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued) NORTHERN</b>									
Bosque County	20	8:10 p	4	100	0	1	5	0	Tornado
					0	0	4	0	Windstorm
					0	0	3	4	Lightning
									A tornado touched down and moved southeastward across Highway 219 about 3.5 miles northeast of Clifton. The tornado destroyed 2 barns and killed 3500 turkeys at a turkey ranch and demolished several other barns in the same area. One farmworker who was inside a turkey barn was slightly injured by tornado debris. A mobile home and a frame home were both pushed onto their sides by the tornado.
									Straight-line winds resulted in scattered mostly minor antenna and power line damage around Bosque County. The storm was accompanied by a vivid electrical display with a hay barn and 2,000 bales of hay being destroyed near Clifton by a lightning-set fire.
E of Glen Rose, Somervell County	20	8:14 p			0	0	0	0	Funnel Cloud
									The funnel dissipated without touching down.
Cleburne, Johnson County	20	8:47 p			0	0	?	?	Hailstorm
									Golf ball size hail apparently resulted in very little damage.
Killeen, Bell County	20	Evening			0	0	?	?	Windstorm
									Thunderstorm winds split trees at scattered points in Killeen, causing some secondary roof damage.
<b>TEXAS SOUTHERN</b>									
Val Verde Co.	9	Noon			0	0	?	0	Heavy Rain
									Thunderstorms during the morning sent runoff waters down narrow canyons. Highways 143 and Ranch Road 189 were closed due to minor but swift waters over low areas.
Starr Co.	17	1:00 pm	?	?	0	0	4	0	Dust Devil
									A very large intense dust devil formed over open countryside and moved westward across the edge of Falcon Heights community. The unusually strong whirl wind hit an auto repair shop removing its roof, doors, and windows. Witnesses said it produced a loud deep roar. Weather conditions were cloudless, very hot, with light prevailing breezes.
Jefferson Co. coastal waters	19	8:15 am			0	0	0	0	Waterspouts
									Two waterspouts in the Gulf of Mexico moved eastward a short ways near the shore between High Island and Sea Rim State Park.
Tyler Co. Hardin Co. Hardin Co.	20	1:00 pm			0	0	?	0	Wind
	20	1:15 pm			0	0	?	0	Wind
	20	1:30 pm							Funnel Cloud
									A long-lived severe thunderstorm moved south-southeastward into Tyler Co. and passed through central and eastern parts of both Tyler and Hardin Co. The storm progressed at 40 to 45 mph and produced severe wind gusts along its path. Scattered roof, sign, and utility damages occurred with many trees blown down too. A funnel cloud aloft was seen on the western edge of the storm between Sour Lake and Kountze, also moving south-southeast. Rain was brief but heavy with 1.43 inches falling at Kountze in 45 min.
Jasper Co.	20	1:30 pm	Short	Narrow	0	0	4	0	Tornado
									A small twister briefly touched down as an intense thunderstorm moved south-southeast through the area. Touch down was at the community of Pioneer where it damaged one rural home and several outbuildings. A few minutes later many people observed the funnel passing aloft near the city of Jasper.
Orange Co. Jefferson Co.	20	1:30 pm	6	25	0	0	4	0	Tornado
	20	1:45 pm	2 1/2	25	0	0	6	0	Tornado
									This was a small twister which dipped intermittently to ground level as it moved south-southeast from the Lakeview area of Orange Co. to Beaumont. The path followed Neches River bottom lands and crossed the river at the Beaumont Boat Club Marina. The tornado circulation had lifted just above ground as it passed over the downtown Beaumont area. In Orange Co. damages occurred to a few houses in Lakeview as the twister passed nearby. Residents of Pine Forest and Vidor saw the funnel to their west. Trees and power lines were downed between Vidor and the Neches River. Witnesses observed the funnel cross the Neches River near Beaumont stating that the funnel was "white, white like dust. It picked up and came down." As it passed over the Beaumont Boat Club Marina, it damaged a large boat storage dock and carried tin roofing very high into the sky. A loud roar accompanied it. In downtown Beaumont much sign and window damage resulted as the twister passed just overhead.

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					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>SOUTHERN</b>									
Jefferson Co.	20	1:30 pm			0	0	5	0	Wind
									Strong straight-line winds hit Beaumont in addition to the small tornado. Widespread wind damages occurred to roofing, signs, and power lines.
Jefferson Co.	20	1:45 pm	Short	Narrow	0	0	4	0	Tornado
									At almost the same time that a small tornado moved near downtown Beaumont, a second small twister hit several miles farther west on Broadhead Road of northern Beaumont. The tornado was seen by many people from the Parkside Mall area as it brushed ground level at a nearby residential area. Several homes sustained roof and window damages before the funnel quickly lifted again. Two large power transformers were lifted and dropped onto a nearby apartment. This twister was probably the same one observed as a funnel aloft in Hardin Co. a few minutes earlier.
Jefferson Co.	20	2:20 pm			0	0	0	0	Waterspout
									An airplane pilot observed a waterspout in Lake Sabine near southeast moving severe thunderstorms.
Galveston Bay, Harris Co.	20	2:30 pm			0	0	0	0	Waterspout
									A waterspout was spotted rowing near the shore of Galveston Bay east of Seabrook.
Conal Co.	21	7:30 am			0	0	?	0	Heavy Rain
									Slow moving thunderstorms dropped 4 inches of rain from Canyon Lake to New Braunfels causing creeks to rise suddenly. Numerous roads were blocked by small flow over low water crossings. Hunter Road at Alligator Creek remained blocked through mid afternoon.
Wharton Co.	21	3:30 pm			0	0	5	?	Wind
									Severe thunderstorm wind gusts produced scattered damages over the Hillje, El Campo, Pierce areas. The worst hit area was Hillje where winds destroyed several grain storage bins and damaged other equipment at a farm cooperative.
Galveston Bay, Galveston Co.	21	4:00 pm			0	0	0	0	Waterspouts
									Coast Guard personnel, boaters, and an airplane pilot reported the waterspouts in Galveston Bay about 3 miles north of the Coast Guard station.
Jackson Co.	21	4:10 pm	Short	Narrow	0	0	4	?	Tornado
									The first of two small twisters in the area touched ground 2 miles north of Edna near Highway 111. An airplane hangar was destroyed, power lines broken, and a livestock exchange barn heavily damaged. The funnel lifted quickly and continued eastward.
Jackson Co.	21	4:15 pm	Short	Narrow	0	0	4	0	Tornado
									The second of two small twisters in the area hit ground 1 mile east of Edna where it destroyed a barn. Witnesses said the twister was on ground perhaps 30 seconds, scattered hailstones to 1/2 inch diameter fell in the vicinity. Lightning ignited several grass fires nearby where rain failed to fall from the associated thunderstorm.
Brazoria Co.	21	night			0	0	5	0	Lightning
									Lightning struck a home on Massey Ranch Road in Marvel. A fire resulted which destroyed the structure.
Brazoria Co., Galveston Co., Harris Co.	22	12:30 pm							Funnel Cloud
		22	12:30 pm						Funnel Cloud
		22	12:45 pm						Funnel Cloud
									Growing thunderstorms over the Houston metro area produced a number of small short-lived funnel clouds. Specific sightings were just north of Alvin; near Friendswood; and 5 miles south of Hobby Airport. All were moving toward the northeast.
Harris Co.	22	12:30 pm	Short	Narrow	0	0	4	0	Tornado
									A small funnel (similar to those which did not touch ground in the area) did indeed dip suddenly to ground in a residential section of Baytown. It directly hit a home on Country Club View Drive removing a portion of the roof (frame structure and all). It spared neighboring houses. Witnesses described characteristic roaring sound.
Liberty Co.	22	2:25 pm			0	0	?	?	Hail
									Hailstones up to 1-3/4 inch diameter fell in the Dayton-Liberty area as a severe thunderstorm moved northeastward. Extent of damages was not known.
Harris Co.	22	3:15 pm							Funnel Cloud
									Another funnel cloud aloft was seen in the area. This one passed 3 miles northwest of Houston Intercontinental Airport.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>TEXAS (continued)</b>									
<b>SOUTHERN</b>									
Orange Co.	27	5:45 pm			0	0	4	5	Hail
Orange Co.	27	5:45 pm			0	0	?	?	Wind
Jefferson Co.	27	6:00 pm			0	0	?	?	Wind
									A severe thunderstorm moved southward across eastern Orange and Jefferson Counties. Hail stones up to 1-3/4 inch diameter fell in parts of Orange Co. causing scattered damages. High wind gusts in both counties downed trees onto houses and cars. In the Vidor area several homes sustained wind damage to roofs.
Orange Co.	27	6:15 pm	Short	Narrow	0	0	4	0	Tornado
									A small tornado formed west of the hailstorm. (See above entry) It only touched ground briefly near Vidor where a path of trees was uprooted and minor building damages occurred. It lifted but remained visible as a funnel aloft as it continued southward over the Neches River near Beaumont.
all of southern Texas		Last two weeks of June							See July 1980 Issue Heat Wave
									A record breaking heat wave began to develop during the last two weeks of June. The extraordinary high temperatures which had plagued west Texas early in June began to occur farther eastward as the month wore on. Brownsville ended the month with the hottest June on record. Houston had record highs of 12 days and the month as a whole received 4 days with over 100 degree daily highs, the most ever for June. Del Rio began a string of over 100 degrees of daily highs which was not set records. San Antonio had daily record highs the last 6 days of the month.
									As a result soils dried very quickly and sudden crop decline was taking place the end of June.
									Heat and dry conditions continued breaking records into July. The ultimate effects of the heat wave were realized in July in terms of crop destruction and human loss of life and suffering. See July issue of Storm Data for eventual statistics of this heat wave.
<b>TEXAS WESTERN</b>									
Bailey, Cochran, Lamb Counties	1	4:00p			0	0	5	6	Windstorm
									A weak cold front that had drifted into the Texas Panhandle and South Plains on the morning of the 1st, triggered several afternoon thunderstorms across the northwestern portion of the South Plains. Downrush winds from the leading edge of the storms were estimated to be 70 mph in southeastern Bailey, northern Cochran and western Lamb Counties. The winds broke numerous tree limbs, smashed windows and caused minor damage to numerous car bodies due to wind-blown sand. Damage to crops was worst, with some 150,000 acres of dryland cotton reporting some type of damage. In places, 70 to 80 percent of the cotton was destroyed. Minor damage was also reported to corn crops.
McLean, Gray County	1	5:02p			0	0	3	5	Hailstorm
									A strong thunderstorm developed at approximately 4:30 p.m. in west central Donley County in association with the cold front mentioned above. The storm moved toward the northeast at 30 mph and began producing dime-sized hail as it crossed into southeastern Gray County at 5 p.m. It continued to produce the hail until it had almost reached the Gray-Wheeler County line, just east of McLean. The hail path was reported to be nearly a mile wide with the hail covering the ground completely. Little wind was reported in northwestern Collingsworth County. No significant building damage was reported. However, cotton crops in southeastern Gray County reported losses to be near 60 percent along portions of the hail path.
O'Donnell, Lynn County	1	5:40p			0	0	5	3	Windstorm
									Thunderstorms formed in a line along the cold front in the southwestern portion of the South Plains between 4:30 p.m. and 5 p.m. The storms intensified rapidly, moving toward the northeast as the line progressed southeastward. A very strong storm was indicated in the line by radar at 5:15 p.m. in northwestern Dawson County. At approximately 5:40 p.m. the storm had moved to just northwest of O'Donnell and began producing very strong winds estimated to be 80 mph. The winds blew trailers around, destroyed telephone towers and knocked down three barns just northwest of O'Donnell. Damage to a hay barn, a well and a house was reported at approximately the same time just north of O'Donnell where metal light standards were destroyed at a football field and the roof was taken off a work house.
Hackberry, Cottle County	1	7:35p			0	0	0	0	Windstorm
									The last report of damage from thunderstorms associated with the front on the 1st was in Cottle County as a single thunderstorm began to dissipate. The storm was the last from a line that had previously developed. It produced 76 mph winds in the southeastern portion of Cottle County as well as some pea-sized hail near Ogden. No damage was indicated.

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
TEXAS (continued) WESTERN Texas Panhandle	4	4:08p 5:40p	2.5	60	0	0	0	4	Hail, Windstorm Tornado
<p>An upper-level disturbance associated with very strong jet stream winds aloft formed an instability line along a stationary front located in eastern New Mexico. As the line progressed eastward, thunderstorms began to form about 3:30 p.m. By 4 p.m. very strong thunderstorms were indicated by radar over western Deaf Smith and northern Palmer Counties. The first reports of damage came from Vega, in Oldham County, where golfball-sized hail had occurred at 4:08 p.m. Most of the hail was marble- to pea-sized and caused minor crop damage to 20 to 30 percent of the wheat crops in southern Oldham and northeastern Deaf Smith Counties. Isolated hail was reported in western Potter County also. Friona, in Palmer County, reported marble-sized hail from the storms. Most of the area affected at this time was rangeland.</p> <p>By 4:30 p.m. a line of very strong thunderstorms had developed from near Clovis, New Mexico, to just east of Dumas. The individual cells were moving toward the northeast at 25 to 30 mph. By 5:30 p.m. the line had progressed eastward some 15 to 20 miles. Hail continued to fall in eastern Deaf Smith and Oldham Counties and severe storms had developed in western Hutchinson and Hansford Counties. At this time golfball- to tennis ball-sized hail began falling over much of western Hutchinson and southern Hansford Counties. A farmhouse and several outbuildings, along with trees and high line poles, were damaged near Pringle, in Hutchinson County, as the storm moved northeastward out of the county. Softball-sized hail fell in one portion of Pringle, causing extensive roof damage and damaging several barns. Vegetation was also destroyed by a combination of the hail, high winds and heavy rain. Damages in the Pringle area were estimated at \$750,000. This included damage to wheat crops. In southern Hansford County the golfball-sized hail damaged corn, milo and wheat crops in the Morse area. A small tornado was reported just southwest of Speakman, near the Hutchinson County line. It touched down near where Highway 207 crossed the county line at approximately 5:40 p.m. and proceeded northeastward some 2 1/2 miles. The tornado was small and was on the ground only five to six minutes. Its path width was estimated at 60 yards. It tore up trees and fences and killed three calves. A few minutes later, 70 mph winds were reported at Borger. Only minor structural damage occurred.</p> <p>By 6:30 p.m. thunderstorm activity had diminished in the northern portion of the line and the heaviest cells were located in western Randall County and northeastern Castro County. Hen egg-sized hail was reported at Umbarger, in southwestern Randall County, at this time. Widespread damage was reported to windows and automobiles as well as roofs in the area. As the storm proceeded northeastward, golfball-sized hail began falling in the Mansley Hills section of Canyon at 7:05 p.m. The hail continued -- with larger hail reported to be breaking car windshields at 7:25 p.m. The northwestern portion of the city was hit worst -- with most of the windows of homes damaged. Two small funnel clouds were sighted some 10 miles east of Canyon at 7:30 p.m. Damage to crops was estimated at well over \$100,000 as over 2,500 acres of wheat were hit hard. Damages in the town due to the hail were put at \$1,000,000. Nearly two inches of rain fell in Canyon, but only minor street flooding occurred.</p> <p>As the storm moved out of Canyon, its movement became more easterly. By 8 p.m. the only activity still remaining was a cluster of very strong storms in north and central Armstrong County. However, no severe weather was reported at this time. The last reports to be received were from the area of Clarendon, in Donley County. Considerable pea- to marble-sized hail was reported at 9:56 p.m. along with some golfball-sized hail. Minor damage occurred to cotton and wheat crops, but no other damage was indicated. The hail continued until near 11 p.m., and by midnight the storms had dissipated.</p>									
Monahans, Ward County	7	2:40a			0	0	0	0	Funnel Clouds
<p>Two funnel clouds were observed by the Sheriff of Ward County 8 miles northwest of Monahans near the Ward-Winkler County line.</p>									
Western South Plains and Permian Basin	7	8:30p 8:33p 8:50p 9:30p 10:40p 11:00p 8 12:30a			0	0	0	0	Hail, Windstorm Funnel Cloud Tornado Tornado Tornado Tornado Unconfirmed Tornado
<p>An unusually strong cold front moving through the Texas South Plains and Permian Basin on the evening of the 7th produced numerous strong thunderstorms over the area. The initial storm development occurred about 5 p.m. in extreme southeastern New Mexico. Strong storms first developed along the front at 6 p.m. in the southwestern South Plains of Texas. The activity was poorly organized and individual storms continued to build and dissipate through early the next morning.</p> <p>The first report of severe weather was received from Odessa. Strong winds estimated at over 50 mph struck the western part of the city near University Boulevard at 8:30 p.m. At 9:30 p.m. marble- to golfball-sized hail was also reported on the west side of the city. Heavy rain, but no hail or high winds, was reported in central Ector County.</p>									

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued) WESTERN									
<p>At 8:30 p.m. radar indicated most of the storm activity north of Odessa, in the northwestern portion of the Permian Basin. At 8:33 p.m. the public reported a funnel cloud two miles southeast of Seminole. This was near the northern edge of the shower activity. No confirmation was received of the report. However, the same storm located just northwest of Seagraves at 8:50 p.m. produced a tornado that was spotted by the Brownfield Police Department and the Denver City Civil Defense spotters. The tornado first developed as a small funnel at the rear of the thunderstorm. Although no condensation funnel was seen touching the ground, dust and debris were observed rotating and lifting from the ground into the funnel above. The tornado was on the ground only four to five minutes, moving toward the northeast. Light rain and pea-sized hail preceded the tornado.</p> <p>As the storms continued to develop, damage was discovered in Andrews County to some 13 telephone poles north and west of Andrews. Most poles were snapped off above the ground and were reported to have been very sturdy prior to the storm. Seven more poles and transmission towers were discovered destroyed in southern Gaines County. It is believed that a small tornado or tornadoes caused the damage. The time of occurrence is estimated at 9:30 p.m. The tornado is also believed to be responsible for damage to a home just southwest of Seminole at approximately the same time. There were no injuries. Some three inches of rain was received in Andrews County from the storm and minor street flooding was reported east of the City of Andrews.</p> <p>By 10 p.m. the thunderstorms had begun to dissipate in the Permian Basin and the most significant activity was located in the south central portion of the South Plains. The strong storms were located from eastern Terry County across Lynn County and southern Lubbock into western Garza County. At 10:40 p.m. the public reported a tornado on the southwestern edge of Slaton, in Lubbock County. Radar indications confirmed the likelihood of a tornado. No further information was received except that a funnel cloud was sighted three miles north of Slaton at 10:47 p.m. No damage occurred.</p> <p>The next reported severe weather was in southeastern Lynn County. A tornado moved through the northern portion of the Town of Draw, destroying garages and sheds and taking the roof off a gin. Extensive roof damage was reported to homes; trees were snapped off above the ground and lifted out of the ground in the town. One home lost its roof and sides; although homes all around it remained untouched. Minor roof damage was also reported to the southwest of Draw at the same time. Lightning also struck a brick home just southeast of Tahoka, heavily damaging the structure. Damage to the home was placed at \$25,000.</p> <p>At this time, the movement of the thunderstorms became westerly and the heaviest activity moved into the eastern portion of the South Plains and the northwestern sections of the Big Country. The last report of severe weather came from Rotan, in Fisher County. A public report was received of a tornado just north of Rotan. Spotters were not able to confirm the report and no further information was available.</p>									
Pecos, Reeves County	8	9:30a			0	0	0	0	Flooding
<p>A very heavy thunderstorm located just southwest of the City of Pecos produced two inches of rain in a short period of time. Widespread minor flooding of streets and intersections was reported over the city. No injuries or damage occurred.</p>									
Guadalupe Pass, Culberson County	8	10:50p			0	0	0	0	Windstorm
<p>Downrush winds from a large thunderstorm produced gusts to 59 mph for a brief time near the Pass. No damage occurred.</p>									
Central Panhandle and South Plains	10	5:28p 5:30p 6:00p 10:30p			0	0	0	0	Funnel Cloud Hail, windstorm Flooding/Flash Flooding Funnel Clouds
<p>As an upper-level disturbance began moving across the Texas Panhandle and South Plains on the afternoon of the 10th, a line of thunderstorms developed across the central Panhandle and South Plains. Extensive heavy rains caused tremendous devastation from near Dumas, in Moore County, to near Levelland, in Hockley County.</p> <p>The first report of severe weather was of a funnel cloud 15 miles northwest of Gruver, in Hansford County, near the Sherman County line. The funnel was observed by the Sheriff and was visible only two or three minutes before it disappeared. At about the same time, at Oslo, about 5 miles west of Gruver, softball-sized hail damaged the roof of the Lutheran Church. Winds associated with the storm were estimated at 60 mph. Considerable damage was caused to crops in the area, with 3,500 acres of wheat, corn, and milo totally destroyed. Rangeland was also damaged by the storm. Cars, parked near the church parsonage, were the only other reported damage.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
TEXAS (continued)										
WESTERN										
										Moore County, just to the west, suffered the worst damage as the eastern half of the county received six to seven inches of rain and hail large enough to dent automobiles. Most hail was pea- to marble-sized with some larger than golfballs. Wheat, corn and mild crops, over a large area, were hailed and washed out; and the combination of almost 90 minutes of rain and hail broke windows and damaged roofs, causing additional water damage to homes. The worst damage occurred in an area from the northeast corner of the county to about ten miles east of Dumas to the south central portion of the county. Almost all windows on the north and east sides of homes were broken. Vegetation was generally destroyed around the homes. Water was reported over many roads in the eastern part of the county. A flashflood on Big Blue Creek damaged a Lake Meredith campground and caused the lake to rise nearly nine inches. The campground was located just west of FM 1319, in southwestern Hutchinson County. The flood waters ran over the area, washing away picnic tables and damaging roads in the campground. Total county damages were estimated at almost \$3,000,000.
										While individual storms in the line of thunderstorms were moving first toward the northeast, then later toward the southeast, the line of storms steadily progressed southeastward. As they entered Potter County, heavy rain began to fall. Nearly three inches were reported in the southwestern portion of Amarillo with numerous streets and underpasses flooded. The heavy rain began about 6:30 p.m. and was preceded by pea- to marble-sized hail. The rains continued well into the night with the heaviest rain near 8 p.m.
										Moving into Randall County, rains totaled between three and four inches over much of the county. The worst damage was due to the combination of heavy rain and golfball-sized hail in the southeastern portion of the county. Over 25,000 acres of wheat, cotton and sorghum were damaged or destroyed. Most of this land was irrigated land. The damage began about 6 p.m. and continued through much of the night. At 1 p.m. on the next day, water from the previous rains came up suddenly in the Palo Duro Canyon Park. Several campers were stranded in the area. Despite timely warnings from park officials, they had refused to evacuate low areas. Damage amounted to \$1,500,000 across the county.
										A dramatic rescue saved the life of a woman in northern Swisher County on the night of the 10th and the morning of the 11th. She and her son were traveling north on U.S. 87 after having left Tulsa during the heavy rain that afternoon. Just north of Happy, near the Swisher-Randall County border they drove into high water and their car stalled. They remained with the car for a few minutes, during which time the water continued to rise. They attempted to get out of the automobile, but the rising water made it impossible to open the door. After water had entered the car, the pressure eventually equalized and they were able to force the door open. Unable to stand in the rapidly moving stream, they were swept away. Their clothes and hands were torn as they attempted to hold onto fences and posts as they were washed along. They finally were able to catch a post, but had to let go as the water started to rise above their necks. Finally they struggled to higher ground; but the mother, weak from a recent surgery, was unable to hold on, and was once again swept away. Her son swam to her and pulled her back to high ground. The two were found three hours later, after an ordeal of nearly seven hours.
										The last severe weather report came from Levelland, in Hookley County, where three small and short-lived funnel clouds were reported by the public five miles south-southwest of the City. Water was also reported over Highway 385 just south of Levelland as over two inches of rain fell in a short time.
										The storms continued moving southeastward into the Permian Basin area and began to dissipate near midnight. No further severe reports were received.
Matador, Motley County	16	7:40a			0	0	0	0		Hailstorm
										Hail fell from a thunderstorm located in the southwestern portion of Motley County. The storm produced pea- to occasionally golfball-sized hail for about one hour as it moved southeastward. The path of the hail was generally across open country and no damage was reported.
Silverton, Briscoe County	16	8:00p			0	0	0	0		Hailstorm
										Hail was reported just south of the town of Silverton by the public. The hail swath was very spotty with the largest hail being approximately 2 inches in diameter. No damage was reported from the storm.
Meadow, Terry County	16	8:23p			0	0	3	4		Hail, Windstorm
										Hail as large as golfballs along with winds estimated at between 50 and 60 mph were reported across much of central and north-eastern Terry County by the Department of Public Safety. Minor, but rather extensive, crop damage was reported to cotton in the northeastern part of the county. The hail covered the ground to a depth of 2 to 3 inches.
Pamer, Castro, Lamb Counties	17	7:30p 8:00p	26	200	0	0	3	6		Hailstorm Tornado
										A strong thunderstorm developed in extreme western Deaf Smith County about 6:30 p.m. on the evening of the 17th. The storm began moving toward the southeast at approximately 15 mph. At approximately 7:30 p.m. baseball-sized hail was reported in extreme western Deaf Smith County.

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)										
WESTERN										
										The next report of severe weather came from west of Black, in north-eastern Pamer County, as a tornado was observed by the public. Lubbock radar indicated a possible tornado in the storm at the same time. As the tornado formed, the storm made a turn toward the right and began moving toward the south. At 8:12 p.m., a grain shed and storage tank were destroyed just south of Friona. The tornado continued to skip over the ground, alternately lifting and touching the ground until it reached the Lamb County Line just north of Earth at 9:24 p.m. As the storm reached southern Pamer County, it produced baseball-sized hail in extreme southeastern Pamer County as well as softball-sized hail in southwestern Castro County. Heavy rains were also reported over much of western Castro County. Significant damage was reported to crops in a six-mile wide strip in Castro and Pamer County due to the combination of hail and rain. The tornado dissipated as it reached the Lamb County Line, but the rain and hail continued. U.S. 70 was flooded briefly just east of Olton; and a family was trapped on the roof of their stalled automobile four miles east of Olton.
Northern Lynn, Garza Counties	17	10:00p			0	0	4	5		Wind, Hailstorm
										Very strong winds from a dissipating thunderstorm in east central Lynn County combined with small hail to damage homes and crops in northeastern Lynn and northwestern Garza Counties. No estimate of the wind was available, but it was sufficiently strong to knock down 28 telephone poles. Windblown sand, along with pea-sized hail, did considerable damage to cotton crops just north of the town of Wilson, in Lynn County, and the town of Southland, in Garza County. Shingles were taken off a number of roofs in the area as well. Intense lightning occurring that night also took out the cable television system and knocked out power in the City for a short time.
Southern Bailey, Northern Cochran Counties	18	4:00p			0	0	5	5		Wind, Hailstorm
										Golfball-sized hail, driven by 60 mph easterly winds from a cluster of thunderstorms located in eastern Bailey and Cochran Counties, damaged over 6,000 acres of cotton. The damage bath began near Morton, in Cochran County. The width of the hail path was approximately 6 miles - with hail completely covering the ground in the strip. In addition to the crop damage, siding and roofs were damaged on many houses and vegetation was nearly stripped in portions of the area. The hail, along with rain, continued for almost one hour. Total rainfall in the storm was nearly 2 inches, with water covering Highway 114 briefly, just southeast of Morton, and Highway 1780 briefly, just south of Whiteface.
East Central and South Central Panhandle	18	5:00p 5:18p 5:30p			0	0	0	0		Funnel Funnel Hailstorm
										A supercell thunderstorm developed at approximately 4:30 p.m. in Sherman County of the Panhandle and began moving toward the southeast at between 25 and 30 mph. This movement was to the right of the upper-level wind flow. At 5 p.m. an aircraft flying northeast of Dumas reported sighting a funnel cloud in the storm in extreme northeastern Moore County. No ground report was available at this time. At 5:16 p.m., Department of Public Safety personnel reported a funnel cloud in the storm just to the north of Lake Meredith in western Hutchinson County. It is now known if this could have been the same funnel. The first report of hail came at 5:30 p.m. from an amateur radio operator, just north of Lake Meredith. The hail at this time was marble sized. At 5:39 p.m., reports of golfball-sized hail were received from the southern Hutchinson County area all the way from Fritch to Borger. Minor damage was reported to wheat crops in the area as well as general damage to vegetation. No property damage was reported.
										Spotty hail continued as the storm moved into northwestern Carson County. About 10 miles north of Panhandle, tennis ball-sized hail was reported by an amateur radio operator. Most of the hail at this time was falling over rangeland, although minor damage was reported to vegetation. Strong gusty winds, along with 1 to 2 inch rains accompanied the storm. The hail, rain and wind continued as the storm moved east of the City of Panhandle. Considerable damage was done east of the City to wheat and corn - with total destruction in some areas. The destruction continued into southeastern Carson County, with farmers just west of Coon reporting complete destruction of many acres. Total damages in Carson County, to crops alone, were estimated at over \$5,000,000.
										The storm moved into northwestern Donley County at approximately 7:30 p.m. with the hail ending in the Green Belt Dam Reservoir area about 8 p.m. The storm continued moving southeastward through Hall County, entering Childress and Bottle Counties just after 9 p.m. At this time, the storm again changed movement and began traveling eastward. No further severe reports were received from this storm in West Texas.
Lubbock, Lubbock County	18	6:27p			0	0	5	3		Windstorm
										Very strong winds from the backside of dissipating thunderstorms in eastern Lubbock County caused rather widespread minor damage across the City of Lubbock. Most of the damage was to roofs and shingles of buildings. The most significant damage occurred when the roof of the Farm Discount Store was lifted up from its supports and then collapsed. Timber was strewn over a wide area around the building. Maximum gusts recorded at Reese AFB and the National Weather Service Office were 40 mph.
North Central Permian Basin	19	6:00p 6:00p 6:00p	2.5	100	0	1	4	0		Tornado Hail, Windstorm Lightning

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
TEXAS (continued)										
WESTERN										
										<p>A cluster of thunderstorms that formed in the extreme southeastern corner of New Mexico about 3 p.m. moved eastward across the northern portion of the Permian Basin. Shortly after the storms entered Dawson County about 6 p.m., a tornado touched down 9 miles northwest of the City of Lamesa. The tornado was not visually observed, but was estimated to be approximately 100 yards wide. It destroyed utility poles along a 2-mile stretch of Highway 137, and was apparently moving toward the southeast, at right angles to the upper-level wind flow. One car was hit by a falling pole and a child sustained minor injuries when a broken electric line fell on the vehicle. Strong winds accompanied the storms in northern Dawson County, as a small barn and irrigation system were blown over 12 miles north of Lamesa and said, driven by the winds, damaged crops. Crop damage (5,000 acres of cotton) was also caused by hail reported to be marble sized and rain estimated at 1 to 2 inches in a one-hour period.</p> <p>Storm spotters reported the thunderstorms to have caused very dramatic lightning displays. Lightning strikes were reported across portions of Lynn County, but with no damages indicated. Lightning struck oil storage tanks 9 miles south of Lamesa, in Dawson County, causing over \$40,000 damage. The top was blown off one 500-barrel tank and another tank, with a small amount of oil inside, was ignited. An oil storage tank just west of Westbrook, in Mitchell County, was struck by lightning at 6:55 p.m. However, the tank was empty and little damage occurred. A tank was struck near Lomax, in southwestern Howard County, and the top of the tank was blown 20 feet in the air. The tank was only partly filled. In Glasscock County lightning struck two 1,000 barrel oil storage tanks near the Sterling County border. One had about 14 feet of oil in it and the other was nearly empty. The first had exploded and was a total loss; while the second merely had the top blow out. Total damages in Glasscock County were estimated at \$30,000.</p> <p>The storms continued into the northeastern portion of the Permian Basin, but no further severe reports were received. The activity dissipated shortly after midnight.</p>
Roberts, Wheeler Counties	19	7:40p			0	0	5	3	Hailstorm	<p>About 4 p.m. on the afternoon of the 19th, a thunderstorm developed in northwestern Hansford County. It began moving toward the southeast at 10 mph, causing locally heavy rains due to its slow movement. As it progressed southeastward, the storm accelerated its speed and began producing small patches of hail. The most significant hail began just west of Miami, in Roberts County. The hail path continued southeastward to near Laketon, in northeastern Gray County. Approximately half of the wheat crops in this path were destroyed by the hail and gusty winds. Heavy rain also accompanied the hail. At 8:58 p.m., golfball-sized hail was observed just west of Shamrock, in Wheeler County. The hail was very spotty and only minimal crop damage occurred. There was no known property damage.</p>
Ft. Davis, Jeff Davis County	20	1:45p			0	0	0	0	Funnel Cloud	<p>A thunderstorm just northeast of Ft. Davis produced a short-lived funnel cloud. The funnel was observed and reported by Department of Public Safety officers.</p>
Big Lake, Reagan County	20	3:25p 3:55p	4	40	0	0	5	0	Hail, Windstorm Tornado	<p>An isolated, very strong thunderstorm that developed west of Big Lake produced golfball-sized hail, winds estimated at 60 mph and a small tornado. The hail and wind struck first, damaging roofs and windows in homes and breaking windows of cars. Small buildings were overturned and mobile homes were also damaged.</p> <p>The tornado developed one mile northeast of the town of Big Lake and moved eastward only a brief time before it lifted back into the clouds. No damage occurred as it moved over open country.</p>
Lubbock, Lynn, Crosby Counties	20	4:20p 4:20p 5:55p	1/2 1/2	50 20	0	0	0	0	Tornado Tornado Hailstorm	<p>A cluster of thunderstorms that developed about 9 p.m. in the southwestern corner of the South Plains began moving toward the east-northeast. Two funnel clouds were produced by the storm at 4:20 p.m. about 8 miles southwest of Tahoka. The sighting was made by the Civil Defense office and relayed by amateur radio spotters. At 4:28 p.m., both touched the ground very briefly 7 miles southwest of Tahoka, moving eastward. Each tornado was described as being rope-shaped. They occurred over open country causing no damage.</p> <p>Just before 6 p.m. marble- to golfball-sized hail began falling 3 miles south of the City of Lubbock, as reported by Department of Public Safety personnel. Heavy rain was also reported in the storm. The hail continued into Crosby County, ending near Lorenzo just after 7 p.m. Up to 2 1/2 inches of hail covered the ground just west of Lorenzo. Most of the hail in Crosby County was pea to marble size. No damage was reported from the rain or hail.</p>

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
TEXAS (continued)										
WESTERN										
Deaf Smith, Packer Counties	20	10:30p			0	0	3	6	Hailstorm	<p>Shortly after 8 p.m. thunderstorms began to develop just east of Tucupari, New Mexico. The movement of the storms was to the southeast at between 15 and 20 mph. The storms entered northwestern Deaf Smith County just after 9:30 p.m. and began producing small hail as they approached central Deaf Smith County at 10:30 p.m. At 11 p.m. marble- to golfball-sized hail began falling in an area from Sumnerfield, in southeastern Deaf Smith County, to near Friona, in Packer County. Cotton, wheat and corn suffered up to 70 percent damage from the hail. Little personal property was damaged. The storms continued moving southeastward across the eastern portion of the South Plains and decreasing in intensity as they moved. They exited the South Plains area just after 7 a.m.</p>
Mitchell, Nolan Counties	21	9:30p			0	0	4	3	Flash Flood	<p>Widespread thunderstorm activity forced in the mid-afternoon over the southwestern portion of the South Plains and the northwestern part of the Permian Basin. As the activity moved eastward, patchy small hail was reported in Gaines, Terry and Dawson Counties. No damage reports were received. As the storms moved into the north-eastern part of the Permian Basin, they intensified, producing general 4 to 7 inch rains in Mitchell and Nolan Counties. Flash flooding was first reported in Sweetwater at 9:30 p.m. with roads underwater in Loreine by 9:45 p.m. Water covered roads between Lake Sweetwater and Sweetwater as well. The water receded shortly after midnight.</p>
UTAH										
SALT LAKE AND DAVIS COUNTIES										
	30							6	Damaging Winds	<p>An area of thundershowers developed in the Dugway Proving Grounds/Tooele area around 1700 MDT. This area continued eastward into Salt Lake and Davis Counties between 1730 - 1800 MDT with strong winds and minimal rains. A gust to 67 MPH was measured at the Salt Lake Airport before the power failed with an estimate of 90 MPH in localized areas. Several well established trees were uprooted, numerous branches blown from trees, some windows shattered, and a portion of the copper plating ripped from the State Capitol Building.</p> <p>Property damage estimates were approximately 1/4 million dollars.</p>
VERMONT										
NONE REPORTED										
VIRGINIA										
Northern	3	2:30 p- 5:00 p			0	2	4	0	Wind, Hail	<p>Squall lines moved across the northern counties of the state. Winds were measured up to 53 mph with heavy hail in some sections near golfball-size. High wind caused extensive damage at Dulles International Airport - where roofs were torn from several buildings; a construction trailer was picked up and carried across a road and turned over; a large pane of glass in the terminal was blown in, injuring a 13-year-old boy; a stewardess was blown to the ground and slightly injured; Numerous trees and power lines were also taken down during the storm's onslaught. Total damage estimate: \$30,000.</p>
Loudon County	3	3:00 p	3	100	0	0	4	0	Tornado	<p>Tornado moved from just northeast of Mt. Weather, near Airmont, in a southeasterly direction to the vicinity of Philmont. Considerable damage was done to trees, power lines and property. Damage estimated at near \$50,000.</p>
Northern	15	3:00 p- 4:00 p			1	1	5	0	Wind, Rain	<p>Severe thunderstorms moved across the area causing considerable damage to buildings, trees and various other property. A motorcyclist was killed by a falling tree in Manassas. Elsewhere, a small aircraft attempting to land in Stafford County, was carried into a wooded area, slightly injuring one of the five passengers. Two other small planes were damaged when one was blown from its mooring into another. Damage estimated at around \$200,000 over the state.</p>
Northern & Central	29	1:00 p- 5:00 p			1	3	5	0	Wind, Lightning	<p>Heavy thunderstorms accompanied by strong gusty winds resulted in extensive power outages and tree damage throughout the area, along with damage to buildings and farm property. In Roanoke three persons were struck by lightning while flying a kite. One of these, a 28-year-old woman died of her injuries one week later. A Lynchburg man was seriously injured when a broken tree limb struck him. Total damage estimated at around \$60,000.</p>
VIRGIN ISLANDS										
Off St. Thomas	2	4:30 p			0	0	0	0	Waterspout	

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1980

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED <sup>1</sup> DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>WASHINGTON</b> Yakima County	16	3-5 PM			0	0	6	?	Flash Flooding
<p>A heavy thunderstorm caused flash flooding along the east slopes of the Cascades in west Yakima County. Heavy rainfall slid volcanic ash from the eruption of Mt. St. Helens, mud and rocks into the Teton irrigation canal. The slides resulted in a 90 to 100 foot break in the canal. Crop damage to the upper Yakima Valley from the loss of canal water is unknown. Heaviest rainfall amounts from the storm were 1.78 inches at Cash Prairie about 10 miles north of Rihrock Dam and 1.05 inches at Rihrock Dam. U.S. Highway 12 was closed a few miles west of the State Highway 419 Junction and near the White Pass area because of mud, rock and volcanic ash slides on the roadway.</p>									
<b>WEST VIRGINIA</b>	NO DATA RECEIVED								
<b>WISCONSIN</b>									
Eleva, Trempealeau County	01	0235			0	0	4		Electrical
Lightning caused house fire.									
Grantsburg, Burnett County	01	1015			0	0	2		Electrical
Lightning struck tree which fell and broke windows in house.									
Barron County	01	Afternoon			0	0	3		Rain, Electrical
Heavy thunderstorm caused highway flooding at numerous locations in county, and one house fire in Rice Lake due to lightning.									
Grant County	02	1800			0	0	3		Funnels Aloft, Rain
Funnels spotted at Dickeyville. Many fields flooded.									
Statewide	05,06,07				2	16	7	6	Tornadoes, Funnels Aloft, Wind, Rain, Hail, Electrical
<p>Six separate waves of severe thunderstorms swept the state, producing flooding rains, damaging winds and hail, several tornadoes, and at least 100 lightning-induced fires. Nearly every county, except for a few in the north, experienced some damage. 23 of the state's 72 counties reported damage in excess of \$100,000. Wind, excessive rain, large hail, lightning strikes, and tornadoes resulted in widespread damage to residences, rural structures, commercial buildings, utilities, roadways and bridges, crops and farmlands, and livestock. Cleanup efforts continued in some areas two weeks after the storms. Flash flooding and flooding caused especially heavy damage in Clark, Dunn, Eau Claire, La Crosse, Marathon, Monroe, Pierce, St. Croix, Taylor, and Vernon counties. (Tornadoes associated with these storms are listed separately below. Dollar damage and injuries from the tornadoes are included in the county totals shown below.) Two deaths were associated with flash flooding, one in Owen (Clark county) at 9:13 p.m. CDT on the 5th, and the other in Eau Claire county on the morning of the 6th. 11 injuries occurred in La Crosse county on the evening of the 5th, the afternoon of the 6th, and the morning of the 7th, mostly from falling trees and broken window glass. 200 trees fell in La Crosse, and 1200 in La Crosse county. Five additional injuries occurred on the 5th, 3 in the Rhinelander area, 1 in Clear Lake (Polk County), and 1 in the Marshfield (Wood County) area. On the 7th, 34 freight cars of a 126-unit train derailed in Wheaton (Dunn county) when the train encountered a rail wash-out. Damage figures by County: Adams \$200,000; Calumet \$5,000; Chippewa \$3,000,000; Clark \$1,000,000; Columbia \$59,500; Crawford \$50,000; Dane \$5,000; Dodge \$150,000; Door \$20,000; Dunn \$700,000; Eau Claire \$2,070,000; Iowa \$1,000; Fond du Lac \$157,000; Green \$5,000; Jackson \$5,000; Jefferson \$300,000; Jubaueau \$160,000; Keshosha \$15,000; La Crosse \$3,700,000; Lafayette \$50,000; Lincoln \$5,000; Manitowoc \$105,000; Marathon \$5,000,000; Marquette \$500; Milwaukee \$69,000; Monroe \$2,858,000; Oneida \$200,000; Outagamie \$150,000; Pierce \$1,800,000; Peik \$150,000; Racine \$12,000; Richland \$1,000; Shawano \$70,000; Sheboygan \$150,000; St. Croix \$2,000,000; Taylor \$1,005,000; Vernon \$1,500,000; Walworth \$55,000; Washington \$43,000; Waukesha \$161,000; Waupaca \$200,000; Waushara \$1,200; Winnebago \$51,000.</p>									
Clear Lake, Polk County	05				0	1	5	2	Wind
Thunderstorm winds, estimated at 70 mph, blew a construction worker off a tower, resulting in serious injuries from a 120-foot fall.									
Marshfield, Wood County	05	2010			0	1	3	0	Wind
60 mph winds blew construction materials off a building which fell into a street and injured a pedestrian.									
<b>WISCONSIN (continued)</b>									
La Crosse County Vernon County	05	2010 - 2020	2.5		0	0	5	2	Tornado
A small tornado formed at County Highway 9M in northern La Crosse County and moved southeastward 2 1/2 miles, finally dissipating in Moon Valley in northern Vernon County. Several rural buildings and 4 residences were damaged.									
Stoddard to Readstown Vernon County	05	2020 - 2100	20	1600	0	1	6	5	Tornado, Wind
A tornado formed near Stoddard and moved southeastward to Readstown, cutting an intermittent path. One injury occurred in Stoddard when a trailer was destroyed. Much of the damage was from straight-line winds, but tornado touchdowns occurred in Stoddard, Chaseburg, Virbowa, and Readstown. Approximately 8 residences, 30 barns, and 200 other rural structures were damaged or destroyed.									
La Crosse to Bangor La Crosse County	05	2030 - 2130	11	3000	0	11	6	5	Wind
A severe thunderstorm moved from La Crosse to Bangor, producing 50 to 90 mph winds along the way. A path of heavy damage including downed trees, wires and signs, broken windows, overturned sheds, roof damage, etc., up to two miles in width extended for 11 miles. 10 injuries resulted in La Crosse City and 1 in Bangor.									
Brandon area, Fond du Lac County	05	2142 - 2254	6.5		0	0	3	2	Tornado
A small tornado developed 3 miles north of Brandon, moved southeastward, and dissipated near Lagoda. The twister left a continuous path of damaged trees, broken barn roofs, and destroyed antennas.									
Watertown Township Jefferson County	05	2310	4		0	0	4	0	Tornado
A small tornado formed near the Rock River, 1/2 mile east of Watertown, damaging roofs and breaking trees. It then lifted and moved southeastward, touching down 1 mile southeast of Pipersville, where it wrecked a farm. The tornado then dissipated.									
Monticello, Green County	05	2315	0.1		0	0	3	0	Tornado
A brief tornado touchdown. Several small farm structures were lifted and carried 200 feet.									
Jefferson and Waukesha Counties	05	2325 - 2355	14	300	0	0	5	0	Tornado
A tornado formed near the Rock River two miles north of Johnson Creek, moved southeastward across Interstate 94, then veered east-southeastward along Highway B, crossed Highway D just south of Farmington and continued east-southeastward through Concord Township just south of Moose Lake. It moved into Waukesha County and dissipated in Summit Township at Golden Lake. The tornado cut a continuous 1/4 mile path, destroying trees, snapping power lines, and damaging or destroying 8 residences, 9 barns, and numerous small farm structures.									
LaGrange Township, Walworth County	06	0030	0.2		0	0	5	2	Tornado
A tornado touched down 8 miles east of Whitewater, destroying two barns and damaging 3 other buildings on two farms in Tonarack Road just south of Highway 12.									
Wind Lake, Racine County	06	0055	0.3		0	0	3	0	Tornado
A small tornado moved eastward along the south end of Wind Lake, damaging several residences and uprooting about 20 trees.									
Valders, Manitowoc County	07	0020			0	0	5	3	Tornado
A brief tornado touchdown resulted in the complete destruction of a large modern barn and heavy farm equipment. Field crops were beaten down in the vicinity.									
Manawa Area, Waupaca County	14	1230	1	50	0	0	0	2	Tornado
A small tornado formed about 14:30 p.m. just north of Highway 161 near County E, moved south across 161, then turned eastward and dissipated just north of Manawa. No significant damage occurred, but residents in the area took several spectacular photographs of the twister.									
1 Mile East of Rhinelander, Oneida County	14	1325	1.5	50	0	3	4	0	Tornado
A small tornado formed at Highway C one mile east of Rhinelander, moved eastward and disappeared over Lake Thomson. A falling tree injured one person seriously, and two injuries occurred in a trailer court. One house, 3 trailers and several rural buildings were damaged.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 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	
<b>WISCONSIN (continued)</b>									
5 Miles North of Rhinelander, Oneida County	14	1422			0	0	0	0	Tornado
Brief tornado touchdown in an isolated rural area.									
Forestville, Door County	14	1830	0.5	300	0	0	0	4	Hail
Gurney Area, Iron County	25	1745			0	0			Hail
1 1/2 inch hail reported near Gurney.									
Honevoc, Juneau County	26	Night					4	0	Electrical
5 cattle killed by lightning.									
Marathon, Marathon County	27	1220			0	0	5	0	Electrical
Four residential fires started by lightning in Marathon.									
West Central	27	1010 - 1230			0	0	5	3	Wind, Hail
Thunderstorms produced 50 to 70 mph winds across Barron, Rusk, Dunn, Chippewa, Eau Claire, Pepin, Clark and St. Croix Counties. Damage to 85 buildings, many highways blocked by fallen trees, numerous power outages. Golf ball hail reported in western St. Croix County at 1015.									
Wausau County	27	2100 - 2200			0	0	5	0	Electrical
Six lightning caused fires at scattered locations in county result in \$150,000 damage.									
5 Miles South of Owen, Clark County	27	Afternoon			0	0	4	0	Wind
Winds, estimated at 75 mph, destroy a large modern barn.									
<b>WYOMING</b>									
Big Horn County	6	?	1 mi.	0	0	?	?		Hail
A hail storm that moved from Byron through Lovell to Sheep Mountain left hail 4 inches deep in some areas. Sugar beet losses were estimated up to 50%. Malt barley and hay crops were severely damaged. Gardens on the south side of Lovell were wiped out or heavily damaged. Some damage to roofs was reported. This was the worst hail storm in the history of Lovell.									
Laramie County	11	6:49 p.	?	?	0	0	?	0	Wind
Gusting winds reaching nearly 50 mph whipped loose building materials into a power substation south of Cheyenne knocking out electrical power throughout much of Cheyenne for about 40 minutes. The outage was the largest one in several years.									
Crook County	14	3:55 p.	?	?	0	0	?	?	Tornado and hail
A small tornado struck west of Hulet lifting half the roof off a home. A lot of hail was reported causing heavy damage to the deputy sheriff's car. Crops and gardens were ruined.									
Crook County	14	?	?	?	0	0	?	?	Hail
Fist-size hail fell 14 miles west of Sundance and traveled across a wide area to the northwest. Property damage is unknown.									
Niobrara County	14	?	?	?	0	0	0	0	Wind and hail
A severe thunderstorm produced winds of 70 mph 10 miles north of Redbird, and walnut-size hail fell. No damage was reported.									
Niobrara County	14	4:15 p.	?	1/4 mi	0	0	0	0	Tornado
A tornado was sighted 3 miles north of Redbird. No damage was reported.									
Crook County	15	Afternoon							Funnel clouds aloft
The sheriff's office reported sighting at least four funnel clouds near Moorcroft.									
Sheridan County	20	Late Evening							Funnel cloud aloft
The Sheridan Police Department reported a public sighting of a funnel cloud 5 mi. south of Sheridan.									
Sheridan County	20	Night			0	0	5	0	Wind
Peak gust of 61 mph was clocked at the Sheridan Airport at 11:30 p. Wind damage was mainly to dead tree limbs and overhanging roofs.									
Platte County	21	Afternoon							Funnel cloud aloft
Several residents and travelers in the Meadowdale community east of Glendo reported seeing a funnel cloud pass across the area.									
<b>WYOMING (continued)</b>									
Teton and Yellowstone Park Counties	26	Morning	?	?	0	0	?	0	Winds
Winds between 40 and 60 mph downed trees and caused power outages at Jenny Lake in the Grand Teton National Park and in Yellowstone National Park. A camper was trapped under a tree. No estimate of damages caused by the winds.									
Park County	29	Morning	?	?	0	0	?	0	Wind
A freight truck was overturned 1/4 mi. south of Cody by a 70 mph gust of wind. Damage to the truck was only slight.									
Laramie County	30	5:00 p.	?	?	0	0	?	0	Tornado
A tornado hit windbreak and took 30 feet off barn on Henry Miller farm 7 mi. SE of Burns. Reported by Civil Defense.									
<b>DELAWARE</b>									
Statewide	3	4:30 p			0	3	6	7	Hail, Wind
Prefrontal squall line caused widespread crop and property damage, with heaviest occurring through the central sections. In the Magnolia area of Kent County a mobile home was turned on its roof, slightly injuring a girl who was trapped for a time inside. Winds were measured at up to 68 mph at Dover A.F.B. and were responsible for considerable window breakage, especially in the Bowers Beach area where most of the north-facing windows in the town were smashed by wind or wind-blown hail. Hail up to the size of golfballs inflicted considerable damage to young crops with an estimated loss of up to 30 million dollars. Hail was also responsible for some \$30,000 damage to a new fire hall in Bowers Beach. Minor injuries included a man whose pickup truck was blown off the road near Magnolia, and a woman who was slightly injured when the window of her trailer was blown in. Total property damage estimated at around 4 million dollars; crop damage around 6 million.									
Rehoboth Beach (nr)	7	10:15 p			1	1	0	0	Lightning
Lightning apparently struck the backrest of a motorcycle as man and his wife were riding along Rt. 1 about 2 1/2 miles northwest of Rehoboth Beach. Discovered unconscious, the wife died shortly after admission to local hospital. Her husband received only minor burns and shock.									
Clayton, Kent County	15	5:00 p - 11:00 p			0	0	4	0	Wind, Rain
Heavy thunderstorms moved through Kent and Sussex Counties, causing tree and power line damage. The roof of a manufacturing plant in Clayton collapsed due to collection of rain water which drains could not handle. Total damage estimated at around \$13,000.									
New Castle County	29	Nr 4:00p			0	0	0	0	Wind
High winds necessitated the rescue of members of a sailing club as boats overturned on the Delaware River near New Castle. Up to 8,000 households without power for 4 time.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:</b>									
<b>LATE REPORTS</b>					<b>LATE REPORTS</b>				
<b>TEXAS</b>					<b>TEXAS</b>				
<b>SOUTHERN</b>					<b>SOUTHERN</b>				
APRIL 1980					MAY 1980				
Burnet Co.	24	Late Night			0	0	5	0	Lightning
<p>During a severe thunderstorm over the city of Burnet, a lightning bolt hit the large brick home of P. Heffington. The Heffingtons evacuated into the nighttime storm as the lightning bolt immediately ignited a large fire in the house.</p>									
<b>COLORADO</b>					<b>COLORADO</b>				
Steamboat Springs					Steamboat Springs				
	28	1105			0	0	3	0	Strong winds
<p>Strong winds cracked windows, damaged fences and a picnic table, and also a garage. The winds were reported as a tornado, but this was not confirmed.</p>									
Routt County	30	early aftn	1/2	40'	0	0	3	0	Tornado
<p>A small tornado damaged several homes, and tossed a boat into the air.</p>									
<b>OKLAHOMA</b>					<b>OKLAHOMA</b>				
<b>Stephens County</b>					<b>Stephens County</b>				
	26-30	All day			0	0	5	7	Flash flooding
<p>Heavy rains with resulting flash flooding during the period from the 26th to the 30th damaged approximately 30 sections of roads or bridges. Damage was concentrated in the area surrounding Marlbo.</p>									
Major County	26-29	All day			0	0	6	0	Flash flooding
<p>Several periods of heavy rainfall produced flash flooding which heavily damaged roads and bridges. A total of 45 miles of roads were impassable or closed. At least 4 bridges were destroyed and 5 heavily damaged.</p>									
Cheyenne, Roger Mills County	28	8:30p.-11:30p.			0	0	5	0	Heavy rain
<p>Between 5 and 6 inches of rain fell in about a 3-hour period resulting in flash flooding of several homes. Considerable damage was done to streets and roads in the city area.</p>									
Cordell Area, Washita County	28	11:10 p.			0	0	5	0	Wind
<p>Four mobile homes destroyed and several others extensively damaged. A pickup truck was rolled over and a storage building destroyed. Several buildings were unroofed. Windows were blown out. Tree damage was extensive. Winds in nearby Burns Flat were measured at 82 m.p.h. Damage in Burns Flat was confined primarily to trees.</p>									
Bethany, Oklahoma County	29	1:30a.			0	0	5	0	Lightning
<p>Lightning started a fire which caused extensive fire damage to a drugstore. A neighboring variety store and print shop received smoke and water damage.</p>									
Cartwright Area, Bryan County	30	2:35a.			0	0	?	?	Hail
<p>Hail stones up to 1 1/2 inches in diameter fell.</p>									
Lake Ellsworth Area, Northern Comanche County	30	a.m.			0	0	5	0	Flooding
<p>Runoff from heavy rains reached the top of the Lake Ellsworth floodgates. The floodgates were opened to prevent damage to the dam. The resulting flood of water into East Cache Creek cut a 30 yrd swath into a temporary bypass bridge on US 277 east of Porter Hill.</p>									
<b>TEXAS</b>					<b>TEXAS</b>				
<b>SOUTHERN</b>					<b>SOUTHERN</b>				
MAY 1980					MAY 1980				
Live Oak Co.	1	5:30 pm			0	0	5	5	Hail
Bee Co.	1	6:00 pm			0	0	4	?	Wind
San Patricio Co.	1	6:45 pm			0	0	2	?	Hail
<p>A north-south line of thunderstorms developed several severe large-hail producing cells. One moved east-southeast over northern Live Oak Co. into northern Bee Co. Maximum hail stones were 1-1/2 inch in diameter and completely covered the ground along a path from Whittett to near Rawles. Strong winds also accompanied the storm. Another storm cell farther south dropped 1-inch diameter hail over San Patricio Co. agricultural areas from Lake Corpus Christi to near Sinton.</p>									
Bexar Co.	1	5:45 pm			0	0	5	0	Hail
	1	5:45 pm			0	0	4	0	Wind
	1	6:15 pm			0	0	?	0	Heavy Rain, FF
Frio Co.	1	6:00 pm			0	0	4	?	Wind
	1	6:00 pm			0	0	4	?	Hail
Atascosa Co.	1	6:30 pm			0	0	5	4	Hail
	1	6:30 pm			0	0	4	0	Wind
<p>A severe thunderstorm moved over these three counties causing scattered wind and hail damage. In Bexar Co. worst hit was southwestern San Antonio where numerous cars and roofs were damaged. Winds gusted to near 60 mph around Ingram Road and various wind damages occurred around Kelly Air Force Base. Hail stones were 1 inch in diameter. In Atascosa Co. hail stones ranged up to 1-3/4 inch diameter between Poteet and Pleasanton with 1-1/2 inch stones at Fourdantor and eastward. High winds also damaged small buildings around Pleasanton. In both counties urban flooding occurred from rains of 2 inches within 30 minutes. Heavy rains over downtown San Antonio sent the San Antonio River on a rise one-half foot over banks along the Pased Del Rio. Minor flooding was experienced by a few river-level businesses.</p>									
<p>The storm also dropped large hail and produced strong winds over northeast Frio Co., but the damaging weather missed Pearsall. A small tornado spun out of the western edge of the storm as it moved east of Pearsall. (See next entry)</p>									
Frio Co.	1	6:15 pm	Short Narrow		0	0	0	0	Tornado
<p>Residents on Sand Hollow Road 8 miles northeast of Pearsall watched a funnel dip downward from the passing thunderstorm. Although the visible funnel reached only half-way to ground level, the wind vortex apparently did touch ground briefly. Inspection of the area later revealed a path of destroyed trees over open country.</p>									
Mason Co.	1	6:40 pm			0	0	5	4	Wind
Llano Co.	1	7:00 pm			0	0	4	4	Wind
<p>A severe thunderstorm moved east-southeast through north Mason Co. and northwest Llano Co. producing wind damages to rural buildings and homes. Utility companies lost many lines and poles. Strong gusts hit the town of Pontotoc in Mason Co. with maximum winds estimated at 100 mph. During the 10-minute duration storm, .65 inch of rain fell. Strong damaging gusts continued along the storm path across the town of Valley Spring, but the storm abated somewhat before reaching Llano and Lake Buchanan.</p>									
Frio Co.	2	5:30 pm			0	0	0	5	Wind
<p>Moderate to heavy thunderstorms moving through the area apparently created one brief and very localized severe wind gust in eastern Frio Co. Approximately 300 acres of corn and 200 acres of oats were completely flattened around a point 17 miles east of Pearsall. Buildings and crops away from this point were not so severely affected.</p>									
Atascosa Co.	2	6:20 pm							Funnel Cloud
<p>A funnel cloud was reported over northwest part of the county by an airplane pilot. Associated thunderstorms moved east and the funnel never touched ground.</p>									
Val Verde Co.	3	5:00 pm			0	1	6	?	Wind
	3	5:45 pm			0	0	3	0	Heavy Rain, Flash Flooding
<p>Thunderstorms caused damaging winds and brief flash flooding. In the Del Rio area winds gusted to over 80 mph damaging four airplanes at the airport. One mobile home was flipped and destroyed injuring a woman occupant. Several other mobile homes in the area were also damaged. A large 18-wheel truck was overturned and blown off the highway when gusts caught it broadside. Amistad Marina boats and buildings sustained some damages. Telephone and electric lines and poles were downed throughout Del Rio. Low water crossings in canyons north of Del Rio flooded briefly due to rains of 1.5 to 2 inches in 30 minutes. Allen Ranch reported nearly 1 inch of rain in 10 minutes.</p>									
Kinney Co.	3	5:50 pm			0	0	4	0	Wind
<p>The same storm that hit Del Rio moved east along a path toward Brackettville. Scattered damages occurred as the storm hit town at 6:00 pm with strong gusts.</p>									



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM		
					KILLED	INJURED	PROPERTY	CROPS			
<b>LATE REPORTS MAY 1980</b>											
<b>TEXAS (continued) SOUTHERN</b>											
Uvalde Co.	3	7:15 pm			0	0	?	?	Wind		
The severe storm moved from Kinney Co. into Uvalde Co. producing wind damages along US Highway 90 from Cline to near Uvalde. Rural buildings suffered mainly roof and wall damages.											
Edwards Co.	7	12:30 am			0	0	?	?	Hail		
A severe storm dropped 3/4 to 1 inch diameter hail stones over a short path north of Rocksprings. Damages were slight.											
Chambers Co.	7	3:25 pm			0	0	5	C	Hail		
A severe thunderstorm moved eastward along Interstate Highway 10 dropping 1-3/4 inch diameter hail on Hankamer to Winkle. Rice and soybean fields sustained some damages.											
Jefferson Co.	7	3:50 pm			0	0	4	4	Hail		
Hail stones about 1 inch in diameter fell near Hampshire as a thunderstorm moved east from Winkle. Cars were dented and some rice fields pelted by the stones.											
Williamson Co.	8	3:15 am			0	5	6	6	Hail		
Travis Co.	8	4:00 am			0	0	5	5	Hail		
A thunderstorm became severe over western Williamson Co. and moved southeast over Round Rock. Old timers said it was the worst hail storm to hit southwest Williamson Co. since 1908 and it indeed was worse than hail which accompanied the April 7, 1980, tornado.											
Hail stones ranged from 3/4 inch diameter to 1-3/4 inch and piled up to a depth of 6 inches on flat ground north of Round Rock. Road graders were used to clear streets. Even worse hit in Round Rock where the Brushy Creek and Brushy Bend areas where the 30-minute storm dropped stones of 2-3/4 inch diameter and where hail drifts were 3 feet high. Five injuries occurred in this area as residents were pelted when they ran into the darkness to move cars under shelter. About 1000 cars and several hundred homes sustained major damages. Not only were cars dented, but many had shattered windshields. Wind blown hail broke many home windows and shattered streetlights. In Round Rock a car wash shelter collapsed from weight of hail stones trapped on top. Trees were completely stripped of all leaves and home gardens wiped out. Area farms, especially along Farm Road 1468, suffered loss of corn and milo. The storm caused lesser damages as it moved over extreme northern Travis Co.											
Travis Co.	8	4:10 am			0	0	5	5	Hail		
Hays Co.	8	4:10 am			0	0	4	7	Hail		
Bastrop Co.	8	4:40 am			0	0	4	5	Hail		
Caldwell Co.	8	4:40 am			0	0	4	5	Hail		
Hail stones of 1 inch diameter fell on a path from Manchaca across the extreme southern part of Austin, and continued east-southeast with hail stones of 1-3/4 inch diameter to western Bastrop and northern Caldwell Counties. The storm missed heaviest populated areas but did cause some damage to cars and buildings. Crop losses were noted over blacklands southeast of Austin. Other scattered hail damages were reported from another storm a few miles to the south in Hays Co.											
Kinney Co.	8	5:30 am			0	0	4	?	Hail		
Maverick Co.	8	6:00 am			0	0	4	?	Hail		
Uvalde Co.	8	6:15 am			0	0	4	?	Hail		
Uvalde Co.	8	6:30 am			0	0	4	?	Wind		
Hail stones ranging from 1/2 to 1 inch diameter fell along a path which paralleled US Highway 90 through Brackettville to Cline to near Uvalde. It passed very near another storm's path of five days earlier. Scattered property damage mainly was due to hail dents on vehicles. Not as much wind damage occurred as the previous week's storm, although high winds did cause some damage around the town of Knippa. Another thunderstorm was dropping large hail several miles farther south in northern Maverick Co. at the same time.											
Travis Co.	8	6:50 am			0	0	7	6	Hail		
Williamson Co.	8	6:50 am			0	0	?	?	Wind		
Bastrop Co.	8	7:20 am			0	0	?	?	Hail		
Bastrop Co.	8	7:30 am			0	0	4	5	Hail		
A second line of severe thunderstorms followed behind hail storms that hit these counties earlier this date. The second round of storms intensified from Lake Travis to Georgetown and dropped hail stones of 1-3/4 inch diameter over Travis Co., southern Williamson Co., and western Bastrop Co. This time the city of Austin bore the brunt of the worst hail swath. Hundreds of houses sustained roof damage and broken windows on the north and west sides. Perhaps more than a thousand cars were hail battered. Ornamental trees and home gardens were stripped and flattened. Most unusual of the hail over Austin was not the size of stones but the amount of stones. Residential streets in north Austin were impassable until graders removed the 18 inch hail drifts. Elsewhere in the city hail blanketed the ground to a depth of 6 inches. High winds also produced scattered damages over Travis Co. Numerous trees were blown down and blocked roads southeast of Austin. Heavy rains sent Onion, Bee, Beard, and Hurst Creeks on rises which put swift water over low water crossings. The community of Lakeview was isolated for a while as roadways connecting the area were blocked by water.											
Damages in Williamson Co. from this storm were difficult to assess because the earlier storm had already caused considerable damage on the same area.											
<b>LATE REPORTS MAY 1980</b>											
<b>TEXAS (continued) SOUTHERN</b>											
Bee Co.	8	10:05 am			0	1	5	5	Wind		
A single severe thunderstorm cell blasted through the county from the northwest. At Naval Air Station Beeville gusts were measured at 59 mph. At Normanna a large barn was deroofed while in Oak Mott Estates some mobile homes were damaged. Bee County College suffered considerable damages as windows were broken and roofing torn off. Numerous trees and power lines were downed. Six miles east of Beeville a mobile home was flipped and demolished injuring the man inside. Brief flooding occurred as 3/4 inch of rain fell in less than 15 minutes. A small tornado followed the gusts and rain. (See next entry)											
Bee Co.	8	10:15 am		Short Narrow	0	1	4	0	Tornado		
A small tornado followed behind the rain and gusts of the severe thunderstorm which hit the area. The funnel apparently touched ground briefly only once near the Orangedale community where it destroyed a barn and blew a car off Farm Road 673. Mrs. Judy Runley driver of the car, stated that the tornado "touched down in a field near the road, blew my car off the road. That's when I got out and made a dash for home." She was not seriously hurt. The funnel moved over Beeville aloft, and damages that occurred in town seemed to have been from straight-line gusts. There was no evidence that the funnel touched down again.											
Brazoria Co.	8	?			0	0	5	0	Lightning		
A large oil storage tank on Chocolate Bayou was set on fire by lightning.											
Webb Co.	8	10:15 am			1	0	3	0	Lightning		
Juan G. Guerrero, 21, was killed when hit by lightning. He was on guard duty at the time at the Webb County Federal Detention Center positioned within an observation tower. Guerrero was struck on the left side of the head and burned on the left arm as the bolt jumped from the metal tower to his body.											
Duval Co.	8	10:45 am			1	0	0	0	Lightning		
The same storm cell which produced a killer lightning bolt at Laredo moved east and let loose a second fatal strike. The second incident occurred 10 miles east of Freeer when Ernesto Aguirre was struck and killed as he was opening a metal gate near a mining site.											
Goliad Co.	8	11:15 am			0	0	4	C	Wind		
Refugio Co.	8	11:15 am			0	0	5	5	Wind		
Southern parts of Goliad Co. and much of Refugio Co. experienced brief damaging wind gusts from the same storm that earlier hit Beeville. In the city of Refugio and surrounding rural areas, many storage buildings, barns, roofs, and fences were damaged. At Bayside numerous cotton trailers were rolled and damaged. Crop losses mainly were due to broken corn stalks.											
Calhoun Co.	8	11:50 am			0	0	?	?	Wind		
Calhoun Co.	8	Moon			?	?	1	2	4	0	Waterspout
Strong thunderstorm winds of 50 to 60 mph produced scattered mainly minor damages over the county. In San Antonio Bay blinding rains and strong winds first hit a shrimp boat, but crew members said that a waterspout then followed and hit the boat. The spout ripped off the cabin, overturned and sank the craft. Two crew members were injured but later rescued while a third was never found.											
Kimble Co.	12	8:00 am			0	0	4	4	Funnel Cloud		
Kimble Co.	12	8:00 am			0	0	4	4	Hail		
A pilot observed a funnel cloud 25 miles southeast of Junction but it apparently never touched ground. Hail fell about the same time around Junction causing some property and crop losses.											
Bexar Co.	12	8:10 am							Funnel Cloud		
A pilot observed a funnel cloud near a thunderstorm 15 miles north of San Antonio International Airport.											
Aransas Co.	13	Morning			0	0	4	?	Wind		
Thunderstorm gusts damaged several mobile homes. Downed trees caused secondary damages to roofs and fences.											
Calhoun Co.	13	9:45 am			0	0	?	?	Wind		
Strong gusts that hit Aransas County also crossed Calhoun County with gusts of near 65 mph. Maribus on the coast reported wind damages, but extent of damage over inland portions of the county were not known.											



# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>LATE REPORTS</b>									
MAY 1980									
<b>TEXAS (continued)</b>									
<b>SOUTHERN</b>									
Kinney Co.	14	9:45 pm			0	0	?	?	Hail
A hail-producing thunderstorm moved eastward over southern Kinney Co. Large stores of unspecified size reportedly fell around the town of Spofford.									
Harris Co.	15-16				0	0	5	0	Coastal Flooding
Sustained winds of 25 to 35 mph with gusts to 45 mph from the southeast forced Galveston Bay waters into shallow portions along the northwest shore. At the worst point bay tides were 4 to 4.5 feet above mean sea level. Very low areas of Baytown were flooded by salt water. The Brownwood subdivision experienced water in about a dozen homes on the bay side of perimeter road and mainly on the south side of Bayshore Drive. Other tidal flooding was observed on Tri-City Beach Road, Kilgore Road, Ferry Road, and in Lee Heights. At the town of Seabrook, tidal flooding also occurred with Red Bluff Road being closed.									
Galveston Co.	15-16				0	0	4	0	Coastal Flooding
Galveston Bay tides pushed inland over portions of the city of Kemah. All flooding was salt water as no rain fell until much later. Damage occurred to a few vehicles caught in the surge. City roads were blocked and others were dangerous to drive on due to water coverage.									
Jefferson Co.	15-16				0	0	4	0	Coastal Flooding
High tides of 3 to 4 feet above mean sea level in the Gulf of Mexico sent surf over Highway 87 between Sabine Pass and High Island. No major damage to property occurred, but the roadway was damaged slightly and was closed due to sand and debris coverage.									
Cameron Co.	15	1:45 am			0	0	4	0	Lightning
Lightning strikes damaged numerous transformers and other power company equipment around San Benito.									
LaSalle Co.	15	6:20 am			0	0	5	?	Wind
15	8:00 am				0	0	4	?	Heavy Rain & Flash Flooding
Strong thunderstorm wind gusts damaged mobile homes and small barns over northern LaSalle Co. and especially in the Cotulla area. The severe storm moved northeast over the northwest corner of the county. Persisting heavy rains just north of Cotulla had caused flooding of highways by 8 am. Fencing and some roads were damaged by waters draining swiftly over the rolling terrain. A weak tornado followed closely behind the initial damaging wind gusts. (See following entry).									
LaSalle Co.	15	6:30 am	1/2	30	0	0	5	0	Tornado
The tornado was small and weak but was observed and heard by residents as it passed directly over Cotulla. The vortex barely skimmed ground level for a short distance over areas previously hit by high wind gusts. The twister did cause discernible damage to several houses in Cotulla by removing their roofs and breaking windows. A line of mesquite trees were uprooted and just before the twister lost identity it demolished a barn. Persons in the damaged homes were not hurt.									
Bexar Co.	15	7:00 am			0	1	3	0	Lightning
In San Antonio lightning struck a house and knocked a hole in a bedroom wall. Change struck a man on the arm as he slept in the room next to the damaged wall. He was reportedly injured slightly by the electrical shock.									
Frio Co.	15	8:00 am			0	0	?	?	Hail
15	9:00 am				0	0	6	6	Heavy Rain & Flash Flooding
15	9:30 pm				0	0	?	?	Heavy Rain & Flash Flooding
Massive thunderstorm downpours started around 5:30 am and lasted about 3 hours in the morning. Morning rainfall totaled up to 8 inches centered around Derby. Flooding that resulted was devastating as creeks overflowed severely onto farm lands and roads. Many low areas not in well defined drainage basins even suffered from unusual water build up. The Frio River and the Leona River surged out of banks in the area where the rain fell and created flooding farther downstream.									
Damages included many tractors, trailers, harvesters, and other farm equipment that were ruined as flood waters surged across agricultural areas from Pearsall to Derby. Many stock tanks were ruined as earthen retainer walls were washed out. Many small dams collapsed on area streams adding to the sudden surge of waters moving downstream.									
Road closures and washouts included US 81 five miles south of Pearsall where water covered the road 3 to 4 feet deep; portions of Interstate Highway 35 2 miles south of Derby which were flooded 2 to 3 feet; Highway 140 east of Pearsall; Farm Road 1581 southwest of Pearsall; Farm Road 1582 south east of Pearsall where the roadbed was washed away; and Farm Road 117 Dilley to the Frio-Cavala County line.									
<b>LATE REPORTS</b>									
MAY 1980									
<b>TEXAS (continued)</b>									
<b>SOUTHERN</b>									
Crops in southeast quadrant of Frio county were severely damaged. In that area 80 percent of potato crop, 60 percent of grain sorghum, and 40 to 70 percent of cotton, corn, & peanuts were lost. Considerable topsoil and fencing were washed away as well as some livestock in the Frio River bottom.									
Hailstones 3/4 inch diameter fell Pearsall to Moore early in the life of the storm but this caused little reported damages.									
Renewed heavy rains hit the same flooded areas that night and by 9:30 pm Interstate Highway 35 and Farm roads were again flooded. The nighttime rains added another 4 inches of rain to areas around Herby.									
Atascosa Co.	15	9:15 am			1	2	7	0	Heavy Rain & Flash Flooding
15	10:30 am				0	0	4	0	Hail
15	10:30 pm				0	0	?	?	Heavy Rain & Flash Flooding
From 8 am until noon some 8 inches of rain fell in southwest Atascosa Co. with 4 to 6 inches over other parts of the county. Renewed rains that night brought 2 1/2 hour totals to 14 inches at Charlotte, 18 inches near Charlotte, 10 inches at Pleasanton, 9 inches at Jourdanton, and 6 inches at Poteet.									
By noon after 10 am most creeks in the county were beginning to spill seriously out of banks. Damaging flood waters spread out from the Atascosa River through Pleasanton and damaged several businesses in town. San Miguel Creek flooded rural areas badly while LaParita and Lagunillas Creeks too were at heights not seen in many years.									
Mrs Alma Brauchle, 72 years old, was drowned about 9:30 am. She drove her late model car across a bridge spanning Lagunillas Creek because another vehicle just ahead of her forded the flooded roadway with no problem. Her car, however, stalled in the high water. While friends and relatives attempted to hook towing materials to her car, the water continued to rise and suddenly swept the car off the road and into deeper water. Mrs. Brauchle supposedly was unable to escape as the car's electric windows had shorted out and would not open.									
A middle aged couple was injured but luckily survived a similar incident where Goose Creek crosses Highway 16. Their pickup truck was swept off the flooded roadway into the creek just moments after the couple had watched another vehicle successfully cross. The man and woman were swept out of the truck and were able to cling to a mesquite tree for 2 1/2 hours until rescued.									
About 10 persons were rescued successfully from trees or isolated dry spots near flooded creeks in the county. Flooding was severe around Charlotte. Some residences were flooded by 6 feet of water from overflowing Lagunillas Creek. LaParita Creek and Turkey Creek flooded homes around Christine and in the community of LaParita. Considerable numbers of cattle and other livestock were drowned in creek bottoms. Many miles of fencing were washed away. Crop losses were widespread as well as losses of good topsoil.									
Renewed thunderstorm downpours that night caused every creek to experience similar rises again. No new damages were obvious since the same areas reflooded. Coming at night, however, the new rises on LaParita Creek surprised persons at a camp near Christine and they had to be rescued from the resurging creek.									
Around 10:30 am a hail storm punctuated the heavy rainfall causing scattered car and roof damages over Jourdanton and Pleasanton.									
Atascosa Co.	15	10:45 am	6	50	0	0	5	0	Tornado
15	10:55 am								Funnel Clouds
A small tornado touched down just on the edge of Charlotte where it uprooted a path of trees, took roofs off several buildings, and was witnessed by several persons. It skipped eastward, touching ground several times in open country until it reached LaParita Community. There it demolished buildings on a small farm and damaged a car. After that the funnel lifted and moved eastward aloft.									
Other funnels were seen aloft about that time near Pleasanton and northwest of Jourdanton, but those did not touch ground.									
Comal Co.	15	9:15 pm			0	0	4	0	Wind
A thunderstorm, part of an eastward moving line, became severe over northern Comal Co. and produced localized wind gusts estimated at 40 to 70 mph. Scattered property damages occurred around Canyon Lake.									
Llano Co.	15	9:30 am			0	0	?	?	Heavy Rain
Burnet Co.	15	10:00 am			0	0	?	?	Heavy Rain
Low water crossings along Highway 71 between Llano and Spicewood were closed mid morning till early afternoon due to flash flooding. Heavy thunderstorm downpours sent sloughs and creeks out of banks and across roads and highways elsewhere in rural areas. Dollar losses were not great.									
Wilson Co.	15	10:50 am			0	0	5	0	Lightning
15	12:45 pm				0	0	?	?	Heavy Rain & Flash Flooding

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>LATE REPORTS TEXAS (continued) SOUTHERN</b>									
Karnes Co.	15	12:30 pm			0	0	5	C	Heavy Rain & Flash Flooding
Gonzales Co.	15	1:00 pm			0	0	4	C	Heavy Rain & Flash Flooding
					In Stockdale lightning at the leading edge of a thunderstorm struck the J.M. Dudley house causing it and an adjacent trailer to catch fire and burn down. The large two-story house, built in the 1890's, had been one of the oldest structures in Stockdale.				
					Thunderstorm rains extended over the three counties. Amounts of two inches in less than one hour fell over most of the area, but west of Floresville 3.1 inches fell from 10:30 to 11 am. Numerous roads were flooded in Milam Co. including Highway 97 at Farm Road B161. In Gonzales Co. water rose in town streets flooding a number of cars. In Karnes Co. Farm Roads as well as Highway 81 were closed by rainfall which totalled 4.5 inches by early afternoon. Other Karnes Co. roads flooded were Farm Road 887 and Farm Road 2724.				
De Witt Co.	15	1:15 pm							Funnel Cloud
					Yorktown Primary School officials moved students into the High School gymnasium after teachers spotted a funnel cloud nearby. The funnel never touched ground.				
De Witt Co.	15	1:15 pm			0	0	5	0	Lightning
		1:45 pm			0	0	4	?	Wind
		2:45 pm			0	0	4	?	Heavy Rain & Flash Flooding
Lavaca Co.	15	1:30 pm			0	0	4	?	Wind
	15	1:30 pm			0	0	5	0	Lightning
Goliad Co.	15	1:30 pm			0	0	5	?	Wind
	15	2:45 pm			0	0	5	?	Heavy Rain & Flash Flooding
					Severe thunderstorms over these counties caused lightning, wind, and some flash flood damage. Numerous outbuildings were blown over and barns were deropied from thunderstorm gusts of 50 to 60 mph. House roof shingles were dislodged. In De Witt Co. a herd of large cows was killed by lightning as they stood next to a barbed wire fence. In Lavaca Co. more cattle were killed by lightning around the Hope and Exzell areas. Downpours of 2 to 4 inches in an hour flooded farm roads in De Witt and Goliad Counties. Other storms hit the same counties from 4 to 6 p.m. adding to the damages.				
Jasper Co.	15	1:30 pm	Short Narrow		0	0	4	0	Tornado
					A small tornado touched ground very briefly in wooded area 12 miles north of Jasper. A short path of uprooted trees was evident. Nearby mobile homes received some damage from the tornado's peripheral winds.				
Harris Co.	15	1:30 pm			0	1	0	0	Lightning
					27-year old Diana Gilbert was struck and injured by lightning as she walked from her house to the roadside mailbox. The incident occurred 2 miles south of Tomball. The bolt hit her just behind the right ear. Although in critical condition when medical help arrived, she reportedly had been revived by cardio-pulmonary resuscitation administered by persons on the scene.				
Colorado Co.	15	1:45 pm			0	0	4	4	Wind
	15	1:45 pm			0	0	4	4	Hail
	15	2:15 pm			0	0	4	0	Heavy Rain & Flash Flooding
Austin Co.	15	2:30 pm			0	0	4	4	Wind
	15	2:30 pm			0	0	4	4	Hail
Waller Co.	15	2:45 pm			0	0	4	4	Wind
Fort Bend Co.	15	2:45 pm			0	0	5	4	Wind
Harris Co.	15	3:15 pm			0	0	5	4	Wind
					A severe thunderstorm moved on a track from Shiner in Lavaca Co. through the above counties near Columbus and Seely to northwest Houston. In Colorado and Austin Counties, some hail stones of 3/4 inch diameter fell, but for the most part the storm was windy and caused scattered property damage and some crop losses. In Colorado County rains over Helmar flooded city streets. Swift water 2 feet deep washed out pavement and carried away some minor property.				
Val Verde Co.	15	1:45 pm			0	0	?	?	Hail
Edwards Co.	15	3:00 pm			0	0	?	?	Hail
					A hail storm dropped stones of 1 inch diameter over sparsely populated canyon country north of Comstock eastward to central Edwards County. Damage was probably minimal.				
Montgomery Co.	15	2:00 pm			0	0	5	0	Wind
	15	2:10 pm			0	0	4	0	Tornado
					A large thunderstorm produced wind gusts over central parts of the county which downed power lines and trees, ripped roofing off an apartment complex in Conroe, and broke home windows. Path of worst wind damage was from Lake Conroe to Conroe.				
					A small twister touched ground 12 and 9 miles west of Conroe causing additional damages. A few homes in the Bonanza area near the tornado lost their roofs while trees were uprooted and power lines severed. The tornado lifted and was seen as a funnel aloft passing just north of Conroe. No one was injured at the damage sites.				

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>LATE REPORTS TEXAS (continued) SOUTHERN</b>									
Harris Co.	15	2:45 pm							Funnel Cloud
					A funnel spun overhead of Highways 149 and 1960 just north of Houston. It never touched ground.				
Montgomery Co.	15	3:36 pm			1	1	3	0	Lightning
					At the town of Cut-and-Shoot, Mr. Michael Van Horn was killed when struck by lightning as he watched television in his home. His wife was injured in the same incident. Lightning apparently traveled into the house through the television antenna wire or through electrical power cords. The charge leaped into the television and a spark then leaped to Mr. and Mrs. Van Horn.				
Val Verde Co.	15	5:00 pm			0	0	5	0	Hail
Kinney Co.	15	5:20 pm			0	0	4	?	Hail
Maverick Co.	15	6:30 pm			0	0	3	4	Hail
Zavala Co.	15	6:50 pm			0	0	4	5	Hail
Frio Co.	15	7:50 pm			0	0	4	5	Hail
Dimmit Co.	15	8:00 pm			0	0	3	4	Hail
LaSalle Co.	15	9:10 pm			0	0	3	?	Hail
	15	9:10 pm			0	0	4	?	Wind
					A second severe thunderstorm on this date crossed the Rio Grande and intensified near Del Rio. It dropped hail stones up to 1-3/4 inch diameter on the south side of Del Rio damaging cars and houses. Stones of 1-1/2 inch diameter continued east-southeastward into Kinney Co. passing near Spofford, into largely uninhabited parts of northern Maverick Co. over agricultural bottomlands along the Nueces River in Zavala Co. near LaPryor, and across southern Frio, northeastern Dimmit, and northwestern LaSalle Counties. Hail damages to cars, houses, and crops were reported over this very long path.				
					That part of the storm affecting LaSalle County also produced damaging wind gusts which bothered mobile homes around Cotulla.				
Val Verde Co.	15	5:15 pm	1	30	0	0	0	0	Tornado
Kinney Co.	15	5:30 pm	8	50	0	0	0	0	Tornado
Maverick Co.	15	6:40 pm	2	50	0	0	0	0	Tornado
Zavala Co.	15	7:15 pm	1/2	50	0	0	0	0	Tornado
Frio Co.	15	8:00 pm	1	50	0	0	0	0	Tornado
					A tornado was tracked on radar and periodically observed as it trailed on the western edge of a hailstorm passing through these counties. The tornado remained small although long-lived and it touched ground probably four separate times through sparsely populated areas.				
					It reportedly touched down first just south of Del Rio in open brushland. It apparently crossed Highway 277 aloft or in a very weak state before making a path in Kinney county toward the east-southeast. Residents reported requisite trees uprooted and a few fences downed along a path passing southwest through south of Spofford & on into northern Maverick County a short distance. Next the twister was seen in open country 3 to 5 miles west of LaPryor where it caused no damage to structures. It probably passed aloft over much of Zavala County before touching ground briefly a last time 10 miles northwest of Dilley.				
Bexar Co.	15	8:30 pm							Funnel Cloud
					A small funnel cloud passed over south San Antonio just outside a thunderstorm rain area. First spotted over W. Harding and Pleasanton Road, it remained aloft as it moved toward the east.				
Williamson Co.	15	Evening			0	0	4	?	Wind
					Thunderstorm gusts overturned large trees in Georgetown and caused scattered wind damages. The downed trees caused secondary damages to houses and power lines.				
LaSalle Co.	15	9:30 pm			0	0	4	0	Hail
	15	9:50 pm	Short Narrow		0	0	0	0	Tornado
					A twister briefly spun out the side of a thunderstorm and hit ground about 5 miles southwest of Cotulla. Residents in a nearby ranch heard the roar and discovered a path of uprooted trees.				
					A hail storm passed to the north of the tornado and dropped 1-3/4 inch diameter stones on Cotulla causing damage to a few roofs and cars.				
LaSalle Co.	15	10:00 pm			0	0	4	?	Heavy Rain & Flash Flooding
					Thunderstorm downpours set in at 8:30 pm from Cotulla northward and by 10:00 pm the already wet ground was experiencing rapid runoff. Fences were washed out and roadways flooded toward the Frio County line.				

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>LATE REPORTS TEXAS (continued) SOUTHERN</b>									
Live Oak Co.	15	10:30 pm			0	0	0	0	Wind
	15	10:30 pm			0	0	4	6	Hail
	16	12:30 am			0	0	4	6	Heavy Rain & Flash Flooding
Bee Co.	15	11:05 pm			0	7	0	0	Wind
	15	11:05 pm			0	0	4	5	Hail
	16	1:00 am			0	0	5	6	Heavy Rain & Flash Flooding
<p>A line of severe thunderstorms swept east-southeastward across these counties. The worst two cells passed directly over the towns of George West and Beeville with wind gusts of 70 to 100 mph and hail stones of 1/2 to 1-3/4 inch diameter. At Naval Air Station Beeville, measured gusts were 77 mph.</p> <p>A small tornado touched down near George West in association with these storms. (See following entry).</p> <p>In Live Oak Co., scattered wind hazes covered central parts of the county and included many broken antennas, downed fences, peeled roofs, battered or tossed mobile homes, and many downed trees and utility poles. Two mobile homes were rolled but occupants had evacuated moments before and were not hurt. Crops were severely beaten down by hail in the area between George West and Three Rivers.</p> <p>In Bee Co., gusts flipped two small aircraft at Municipal Airport and damaged a hangar. At Naval Air Station Beeville a mobile home was flipped and entirely demolished. The occupants, a family of seven, received slight injuries as they were evacuating just as the storm hit. In Blumery Hills other mobile homes were damaged. A church building on Adams Street was totally ruined. Rainfall had been so intense that water ponded on the roof. Strong gusts partially uplifted the water-laden roof causing a fluctuation which soon led to collapse of the roof. Exterior walls were sprung outward.</p> <p>Extensive wind damage occurred to Bee County Colliers including large skylights popping off the administration building, windows bursting in the library and dormitories, a brick wall collapsing, and fences blowing down. Lots of barn damage occurred in rural parts of the county.</p> <p>Rainfall was intense and caused flash flooding. Around Live Oak Co., 75 persons fled flooded low areas and evacuated to the court house. Some 4 to 5 inches of rain fell in northern Bee Co. causing low water crossings to flood over most farm roads. In Beeville urban flooding was serious enough to cause water damage to some downtown businesses.</p>									
Live Oak Co.	15	10:35 pm	14	50	0	0	5	0	Tornado
Bee Co.	15	11:45 pm							Funnel Cloud
<p>The twister was reported to have touched down first just east of the McAllen-Live Oak county line about 13 miles west of George West. At that point witnesses saw it demolish a vacant mobile home and remove the roof from White Creek Baptist Church. Trees and fences were torn up in the same area. Next spot of discernible damage was 5 miles west of George West where barns were blown down and a house deroofed. It then followed a shipping path to 1/2 mile east of town at which point many trailers and portable buildings were ruined at a trailer sales company. It was aloft as it moved over George West as reported by witnesses. An hour later the same funnel was seen aloft just south of Beeville and apparently it had never touched down again after moving out of the George West area.</p>									
McAllen Co.	15	11:30 pm			0	0	5	0	Heavy Rain & Flash Flooding
<p>Heavy rains over the northern part of the county combined with sharp rises moving down the Rio River and San Miguel Creek due to earlier rains in Frio and Atascosa Counties caused damage to farms and ranches. Livestock was reported lost as well as fences along San Miguel Creek. The bridge at Highway 16 sustained some washout damage.</p>									
Calhoun Co.	16	12:30 am			0	0	5	?	Wind
	16	12:45 am			0	0	4	?	Hail
Matagorda Co.	16	1:00 am			0	0	5	?	Wind
<p>A line of thunderstorms had downdraft winds measured at 58 mph in the Port Lavaca area and likely similar gusts into Matagorda Co. House windows were blown out, trees and utility lines were downed, television antennas broken, roofs and shingles peeled loose. In Seadrift large fuel storage tanks were rolled. Numerous mobile homes were damaged. Large hail caused scattered damages too.</p>									
Harris Co.	16	3:30 am			0	0	5	0	Lightning
<p>Lightning hit a restaurant at 10200 S. Main in Houston. An employee in the restaurant died from smoke inhalation during the ensuing fire which destroyed the building.</p>									
Live Oak Co.	16	3:50 am			0	0	?	5	Hail
Bee Co.	16	4:15 am			0	0	?	5	Hail
<p>A severe thunderstorm bearing large hail moved eastward over northern Live Oak Co. into Bee Co. Crops in the area had been hurt by another hailstorm before midnight, and this storm extended and aggravated the crop losses.</p>									
<b>LATE REPORTS TEXAS (continued) SOUTHERN</b>									
Atascosa Co.	16	4:30 am			0	0	?	?	Heavy Rain
<p>A third round of thunderstorms dropped heavy rain on already flooded areas. Creeks, rivers, and urban areas were already swash from the earlier rains. These new storms prolonged and aggravated the flooding and even sent new prestals down several creeks. (See Heavy Rain, Atascosa Co. May 15, 1980).</p>									
Harris Co.	16	12:10 pm			0	0	5	0	Hail
Liberty Co.	16	12:45 pm			0	0	4	0	Hail
<p>A thunderstorm became severe over Pasadena and began dropping hail stones of 1-3/4 inch diameter. It continued to cause property damages as it moved northeastward past Baytown and into southern Liberty Co.</p>									
Hardin Co.	16	3:30 pm			0	0	5	?	Heavy Rain, FF
Jefferson Co.	16	3:45 pm			0	0	?	?	Heavy Rain, FF
Orange Co.	16	4:00 pm			0	0	?	?	Heavy Rain, FF
Jasper Co.	16	5:00 pm			0	0	?	?	Heavy Rain, FF
Newton Co.	16	5:00 pm			0	0	?	?	Heavy Rain, FF
<p>3 to 5 inches of rain over these counties caused localized flash flooding in these counties. Worst hit was Hardin Co. where road closures included FM 420, SH 92, SH 105, SH 421, FM 770 and FM 1003. The county airport closed due to water on the runways. In Jefferson Co., urban flooding closed streets in Beaumont and damaged a few cars. In Nederland SH 347 closed as well as parts of US 69. In Orange Co., SH 105 at IH 10 in Vidor was flooded. The town of Lakeview experienced flooding when the Neches River rose in response to the rains. Eastern Orange Co. had 300 to 600 acres of soybeans damaged by the rains. In Jasper Co., FM 233 out of Buna closed while parts of US 87 had water over it. In Newton Co., US 87 was closed and along the Sabine River near Deweyville much lowland flooding occurred. There was an unofficial report of 10 inches of rain in eastern Newton Co. for 24 hours ending 7am on the 17th.</p>									
Bandera Co.	16	7:05 pm			0	0	4	0	Hail
Kerr Co.	16	7:20 pm			0	0	4	0	Hail
Kendall Co.	16	7:20 pm			0	0	3	0	Hail
Medina Co.	16	7:25 pm			0	0	4	4	Hail
Bexar Co.	16	7:55 pm			0	0	7	5	Hail
	16	8:30 pm							Funnel Cloud
<p>Thunderstorms developed over western Bandera Co., produced lots of 1/2 inch diameter hail, intensified, and eventually dropped 1-3/4 inch diameter hail over eastern portions of the county from Bandera to Pipe Creek to Medina Lake. Homes and vehicles in extreme southeast Kerr Co. and far southwest Kendall Co. experienced some hail damage.</p> <p>The storm movement was toward the east or east-northeast in Bandera Co. but seemed to change toward the east-southeast as the storm intensified near Lake Medina.</p> <p>Hail stones up to 1-3/4 inch diameter pelleted northeast Medina Co.</p> <p>The storm reached peak intensity as it moved over southwestern San Antonio and Bexar Co. The hail stones were some of the largest to fall in the city in many years. 1-inch stones hit IH 10 West, 2 inch stones at A10 and Marbach, and up to 3 inch stones near Lackland Air Force Base. Scattered stones of 1/2 to 1 inch hit most other parts of the city.</p> <p>Damages to roofs, cars, windows and windshields, and home gardens was severe over the southwest side of San Antonio. Probably 3 to 4 thousand houses, several hundred businesses, and perhaps as many as 4 to 6 thousand cars sustained significant damages.</p> <p>Weather radar discerned a hook echo as the hail storm approached Bexar Co., but a tornado never actually touched down. A well defined funnel cloud aloft was seen by residents immediately after the hail passed their areas along southwest Loop 410, a characteristic roar was heard, but no wind damages were noted.</p> <p>At 9:00 pm a weaker storm cell briefly produced another funnel cloud which passed aloft over Universal City.</p>									
Chambers Co.	16	8:00 pm			0	0	4	0	Heavy Rain and Flash Flooding
<p>Short duration rainfall of 2 to 3 inches flooded low areas. Road closures along with roadbed washouts and some crop losses were the main consequences.</p>									
Galveston Co.	16	8:30 pm			0	0	4	0	Heavy Rain
<p>Thunderstorm rains over the county totaled 2 to 3 inches in an hour time. Widespread low area and urban flooding occurred over inland portions of the county due to already saturated soils, the intense rainfall rate, and poor drainage caused by high tides in Galveston Bay. Worst flooding was reported along some Texas City thoroughfares where adjacent ditches overflowed, especially ones close to Moses Lake.</p>									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
<b>LATE REPORTS TEXAS (continued)</b> <b>SOUTHERN</b>									
Milam Co.	16	9:15 pm			0	0	0	C	Hail
Cusado Co.	16	9:30 pm			0	0	0	C	Hail
Gonzales Co.	16	10:00 pm			0	0	0	C	Hail
Hailstorms moving east from San Antonio hit communities in these counties. Hail almost as big as baseballs pounded Nixon, Pandora, and Stockdale. Many houses and vehicles were damaged as well as crops. A segment of the storm cell moved east over Interstate Highway 10 traffic and dropped large stones on Seguin and eastward to Gonzales. From Cost to Monthalia many crops were destroyed by softball sized hail. The storm continued east.									
DeWitt Co.	16	10:45 pm			0	0	4	5	Hail
Lavaca Co.	16	10:45 pm			0	0	5	5	Hail
Large hail of 1 to 1-1/2 inch diameter pelleted areas around Westhof, Hochheim, Yocum, Spiner, Houston, and Hallettsville. Damage occurred to vehicles, roofs, and crops.									
Colorado Co.	16	11:35 pm			0	0	4	?	Hail
Hail stones up to 1-3/4 inch in diameter fell over areas west and south of Columbus including Eagle Lake. The hail damaged cars, roofs, and windows. Some crop loss probably occurred also.									
Fayette Co.	17	12:05 am			0	0	4	?	Hail
About midnight hail stones of 1-3/4 inch diameter fell over Flatonia and eastward along US 90. Vehicles, roofs, and gardens were damaged.									
Harris Co.	17	1:00 am	Short	Narrow	0	0	5	0	Tornado
A small tornado touched down at Tomball. A lumber company lost materials as well as the roof of its warehouse. Small hail accompanied the storm. The twister lifted and dissipated.									
Wharton Co.	18	?			0	0	4	0	Lightning
An electrical fire occurred in an El Campo home after lightning struck a utility pole beside the house. The same lightning storm knocked out and damaged cable television amplification equipment in El Campo and a number of home televisions were reported shorted out and damaged.									
DeWitt Co.	18	5:15 pm			0	0	0	5	C Wind
Victoria Co.	18	10:00 pm			0	0	0	5	C Heavy Rain, FF
Lavaca Co.	18	9:00 pm			0	0	0	5	C Heavy Rain, FF
Lavaca Co.	18	11:00 pm			0	0	0	5	C Wind
Lavaca Co.	18	10:00 pm			0	0	0	4	C Heavy Rain, FF
Lavaca Co.	18	11:55 pm			0	0	0	5	C Wind
Severe thunderstorms hit DeWitt Co. during the early evening with wind gusts of 50 to 70 mph, and a second line of storms later that night gave similar gusts to Victoria and Lavaca Counties. The later storms dropped heavy rains on very wet ground and flash flooding resulted over the counties.									
Typical scattered property damages occurred to outbuildings, roofs, barns, and fences. Very soft, wet ground allowed numerous large old trees to topple onto buildings and cause further damages. In southern Lavaca Co. trees blocked Highways 77 and 111. Rainfall at Victoria measured 3 inches from 5 to 9 pm and later amounted to 5 to 8 inches over the area when the second line of storms had passed. Farm roads in all counties were blocked at low water crossings. In Victoria underground communications and utility cables were damaged by water knocking out communications entirely in many areas of the city. Streets suffered cave-ins and washouts.									
Matagorda Co.	18	8:45 pm			0	0	?	?	Wind
Thunderstorm wind gusts of 70 mph hit Matagorda Co. causing scattered damages to property around Palacios, Matagorda, and Bay City.									
Bandera Co.	18	8:45 pm			0	0	4	0	Heavy Rain, FF
Downpours over Bandera Co. produced rises on most streams. Worst was a sudden 4-foot high rise on Walker's Creek near the town of Medina. Waters moving down the creek washed over the roadway and flooded several cars at a roadside park. Rains measured 2.5 inches between 7 and 8 pm.									
Webb Co.	18	11:00 pm			0	0	5	?	Wind
Thunderstorm wind gusts produced roof, antenna, and window damages around Laredo. Rural areas north and east of Laredo also experienced high wind damages. At Wipando City small hail accompanied the east-southeastward moving 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	
<b>LATE REPORTS TEXAS (continued)</b> <b>SOUTHERN</b>									
Bee Co.	19	12:00 am			0	0	?	?	Wind
Duval Co.	19	12:00 am			0	0	4	?	Wind
Jim Wells Co.	19	12:15 am			0	0	5	?	Wind
Nueces Co.	19	1:45 am			0	3	6	?	Wind
Kleberg Co.	19	1:45 am			0	0	5	?	Wind
San Patricio Co.	19	2:00 am			0	0	6	?	Wind
San Patricio Co.	19	2:00 am			0	0	4	0	Lightning
A southeastward moving line of thunderstorms was immediately preceded by severe wind gusts through these counties.									
In Bee Co. gusts caused some damages but were not so bad as storms the previous week. These particular storms were in formative stage at the time in Bee Co.									
In Duval Co. scattered roof and other property damages occurred in rural areas and around Freeer and San Diego.									
In Jim Wells Co. wind damages were reported from Alice to Premon. At Premon 2.7 inches of rain fell in less than 30 minutes causing minor flooding.									
Nueces Co. experienced widespread property damage as the gust front seemed to intensify as it approached the coast. Worst damages were on the south side of Corpus Christi. At the Naval Air Station wind bursts ripped a metal boat storage building from its foundation and damaged contents. Corpus Christi State University had windblown broken roofing was blow off the flat-topped administrative building. Utility poles and lines were downed in many areas. Shops and marinas along Nueces Bay Causeway had roof damage and a few boats were damaged. In Corpus Christi Bay three large sailboats which failed to return to shore as storms approached were capsized but passengers were rescued. At Padre Island Beach two middle-aged persons were injured when their travel trailer was blown over. The vacationers were trapped inside for 40 minutes. The single greatest dollar loss occurred when a million dollar oil rig boom of Robstown collapsed. One man was injured slightly and four others escaped unhurt when the gusts toppled the 130-foot tower onto nearby office trailer. Agricultural agents reported that crops withstood the wind well.									
In San Patricio Co. considerable property damage was produced by gusts clocked at 66 mph at Reynolds Aluminum Plant; 80 mph at Ingleside; 65 mph at Sinton Courthouse; estimated at 100 mph in Portland. Damages were widespread to roofs, fences, antennas, small farm and storage buildings. In Sinton vehicles were damaged by blowing debris; several garages collapsed. The Ingleside Airport suffered damage to hangars. Radio station KNON at Sinton had its signal tower damaged by lightning.									
Starr Co.	19	12:55 am			0	0	4	5	Hail
Hidalgo Co.	19	1:55 am			0	0	4	?	Wind
Hidalgo Co.	19	2:00 am			0	0	4	0	Lightning
A hail storm moved past-southeast passing just north of Rio Grande City. About 200 acres of watermelons suffered some damage. High winds at 60 mph over Hidalgo Co. created widespread damages, esp. to power lines around McCook and McAllen. 3 to 4 inches of rain caused minor flooding. Lightning buried a hole in roofing of a grain storage bin at McCook.									
Brazoria Co.	19	6:00 pm			0	0	3	0	Lightning
In Freeport lightning struck and rendered inoperable two city pumping stations and a water wall. Minor wind damages were also reported around south Brazoria Co.									
Menard Co.	20	10:15 pm			0	0	4	4	Hail
Some hail damages to cars and crops were noted in the county due to hail stones of 3/4 to 1 inch diameter. Scattered wind damages also were reported.									
Bee Co.	21	6:00 am			0	0	0	5	C Wind
Live Oak Co.	21	6:00 am			0	0	0	5	C Wind
Refugio Co.	21	6:15 am			0	0	0	5	C Wind
San Patricio Co.	21	6:30 am			0	0	0	5	C Wind
San Patricio Co.	21	7:10 am			0	0	0	5	C Funnel Cloud
Aransas Co.	21	6:40 am			0	0	0	5	C Wind
Nueces Co.	21	6:40 am			0	2	0	6	C Wind
Nueces Co.	21	6:50 am			0	0	0	0	Waterpouts
A line of thunderstorms was only 40 miles long and 5 miles wide but caused extreme wind gusts as it swept southeast over these counties during the early morning. Winds were similar to the storm line that hit this area two days earlier.									
In southern Bee Co., southern Live Oak Co., western Refugio Co., and southwest Aransas Co., winds hurt roofs and barns. Wind damage path covered a wide area from Lake Corpus Christi to Skidmore to Woodsboro to Rockport. Power lines and utility poles were downed.									
As the storm reached Nueces and San Patricio Counties it seemed to reach peak intensity. Gusts of 80 mph hit at height of morning rush hour. Buildings in downtown Corpus Christi sustained many broken windows and signs. A large fuel barge broke loose from its moorings in Corpus Christi Ship Channel. Driven by the high winds, it freefloated across the channel, damaged three docks, and ran aground. About 150 workers were on the barge but none were injured in the wild ride. In Corpus Christi Bay a shrimp boat overturned injuring slightly two men aboard. The men stated that two waterpouts were visible nearby at the time of the mishap, but it was not evident whether the gusts or the spots actually caused the capsizing. A funnel cloud, possibly the same waterpout, was seen passing near Ingleside a short time later. Damages throughout San Patricio Co. were not so bad as the storm on the 19th. Small hail also fell but caused no significant damage.									

# STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	PROPERTY	CROPS	
<b>LATE REPORTS</b>											
TEXAS (continued)											
MAY 1980											
DUVAL Co.	21	10:25 pm			0	0	?	?	?	?	Wind
	21	10:25 pm			0	0	0	0	0	0	Hail
JIM WELLS Co.	21	11:20 pm			0	0	0	0	0	0	Wind
	21	11:20 pm			0	0	0	0	0	0	Hail
KLEBERG Co.	21	11:50 pm			0	0	0	0	0	0	Wind
	21	11:50 pm			0	0	0	0	0	0	Hail
MUECES Co.	22	12:15 am			0	0	0	0	0	0	Wind
	22	12:15 am			0	0	0	0	0	0	Hail
<p>A severe thunderstorm moved eastward over southern Duval Co.; over southern Jim Wells Co. passing south of Alice; passed near Kingsville; and hit southern Mueces Co. and the southside of Corpus Christi. Hail stones up to 1-3/4 inch diameter and high winds occurred along the path. Numerous cars were hail dented in Corpus Christi, especially in the Dodridge-Alameda area. High winds caused pronounced damages from Realitos in Duval Co. to south of Alice in Jim Wells Co.</p>											
SAN PATRICIO Co.	22-31				0	0	4	0	0	0	Flood
MUECES Co.	22-31				0	0	5	0	0	0	Flood
<p>Rises on the lower Nueces River were caused by heavy rains of May 15 and 16 which fell upstream and eventually spilled into and out of Lake Corpus Christi on May 21 and 22. Aggravating the river flood were several intense rain storms over the lower Nueces basin May 19 through 22. Lowland flooding from Lake Corpus Christi to Galallen flooded numerous parks; park and river roads were washed out in places; some cars and trucks were ruined when owners failed to move them out of the flood plain. Water receded May 31.</p>											
WEBB Co.	23	9:40 pm			0	0	0	0	0	0	Wind
ZAPATA Co.	23	9:50 pm			0	0	0	0	0	0	Wind
<p>In Laredo many television antennas were bent, trees downed onto houses and fences, signs blown down, roofing damaged, and power poles broken. Similar damages occurred from another storm cell a few miles farther south in Zapata County.</p>											
MEKARD Co.	25	early night			0	0	4	0	0	0	Lightning
<p>Lightning struck a house on the southeast side of Menard causing a fire which did considerable damage. Heavy rain and high winds caused minor damages in the area also.</p>											
MAVERICK Co.	25	9:30 pm			0	0	?	?	?	?	Hail
<p>Thunderstorms moving northeastward from Mexico dropped 3/4 inch diameter hail over the area south and east of Eagle Pass. Property damage was believed not great.</p>											
VAL VERDE Co.	26	5:40 pm			0	0	?	?	?	?	Hail
<p>3/4 inch diameter hail fell on Del Rio and eastward to near Laughlin Air Force Base as a line of severe thunderstorms developed in the area. Damages were generally minor.</p>											
KINNEY Co.	26	8:25 pm			0	0	?	?	?	?	Hail
UVALDE Co.	26	8:45 pm			0	0	0	0	0	0	Hail
	26	8:45 pm			0	0	5	?	?	?	Wind
MAVERICK Co.	26	8:55 pm			0	0	?	?	?	?	Hail
ZAVALA Co.	26	8:45 pm			0	0	?	?	?	?	Hail
<p>A large severe thunderstorm dropped hail stones up to 1 inch diameter on countryside at the county-line junction of these four counties. Hail damage mostly was to irrigated crop fields. The thunderstorm sent out strong wind gusts toward the city of Uvalde where damages occurred. The estimated 80 mph gusts knocked trees onto power lines, peeled roofs off, blew down signs and fences, collapsed the wall at a service station. At the Uvalde School District stadium large signs were bent to ground level, windows blown out of press boxes, roofing removed from small buildings, and parts of the center tracking blown away.</p>											
MAVERICK Co.	27	1:30 am			0	0	0	0	0	0	Heavy Rain
DIMMIT Co.	27	1:45 am			0	0	0	0	0	0	Heavy Rain
ZAVALA Co.	27	1:45 am			0	0	0	0	0	0	Heavy Rain
<p>Nighttime thunderstorms dropped about 6 to 8 inches of rain over eastern parts of Maverick Co. and western sections of Zavala and Dimmit Counties. US Highway 277 was closed at numerous points between Eagle Pass and Cartizo Springs. Cojanché Creek and other small streams in southwest Zavala County went out of banks and caused rural flooding downstream to the Nueces River. Farms and ranches suffered some losses to fences, irrigation equipment, vehicles, and crops.</p>											
VAL VERDE Co.	29	8:00 pm			0	0	?	?	?	?	Hail
	29	8:00 pm			0	0	?	?	?	?	Wind
	29	8:30 pm			0	0	?	?	?	?	Heavy Rain, FF
<p>A cluster of severe thunderstorms over northern Val Verde Co. dropped 1 inch hail stones, produced strong wind blasts, and sudden downpours. Damages were believed minor across the sparsely populated ranch country. Low water crossings were closed for a while as sharp rises moved down canyon and arroyo bottoms leading into the Pecos River, Devils River, and Johnsons Draw.</p>											
<b>CORRECTIONS</b>											
MAY 1980											
COLORADO											
WELD County	29	1230	1	40	0	0	5	0	0	0	Tornado
<p>A tornado hit a ranch near Hereford. Two sheep were killed; a shed was destroyed, a granary unroofed; a quonset was damaged, and a haystacker was destroyed. Total damage was estimated at \$65,000. (Reported last month as damage class 3)</p>											
NORTH DAKOTA											
NEW ENGLAND (Hettinger County)	27	4:27 p CST			0	0	0	0	0	0	Wind
<p>Winds of up to 60 mph. No damage reported.</p>											
<p>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</p>											
<p>Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.</p>											
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