

MARCH 1981

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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

MARCH 1981

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
ALABAMA									
Livingston Cross Roads Pike County	4	5:20p	0.3	50	0	0	2	0	Tornado
									Area residents reported small, but powerful tornado. Tin roof torn off equipment shed. Damage to farm equipment, fences and utility poles.
Opelika, Lee County	18	10:25a			0	0	1	0	Wind
									Wind gusts to 54 mph reported by Lee County Emergency Operations Center in Opelika.
Tuscaloosa area, Tuscaloosa County	18	10:30a							Wind/Hail
									Wind gusts to 54 mph reported Tuscaloosa area. Hail 3/4 inch in diameter at Buhl and 1/2 inch in diameter at Coaling.
Deatsville, Autauga County	18	11:15a							Hail
									Marble size hail reported covering the ground.
Lake Eufaula, Barbour County	18	11:20a			0	0	2	0	Wind
									Boat reported blown out of the water.
Dannelly Field, Montgomery County	18	12:01p							Wind
									Wind gusts to 61 mph.
Montgomery, Montgomery County	18	12:10p							Funnel Cloud
									Alabama Department of Public Safety reported a funnel cloud over the NE part of Montgomery.
Montgomery, Montgomery County	18	12:10-12:30p			0	0	4	0	Wind/Hail
									Wind damage, mostly minor, to buildings in east and south parts of Montgomery. Numerous power lines down in city. Flags atop State Capitol were shredded by hail. Golf ball size hail covered the ground in places.
Mathews/Cecil area, Montgomery County	18	12:20p	0.4	40	0	0	2	0	Tornado
									Brief tornado touchdown in wooded area. Tree tops twisted off.
Selma, Dallas County	18	1:20p							Hail
									Marble to golf ball size hail reported in Selma.
Craig Field, Selma, Dallas County	18	1:25p							Hail
									Golf ball size hail
Seale, Russell County	18	1:30p							Funnel cloud
									Spotter reported funnel cloud over Seale.
Bayview, Jefferson County	18	1:45p							Hail
									Hail 3/4 inch in diameter.
Bullock County	18	1:50p	0.3	30	0	0	5	0	Tornado
									Brief tornado touchdown at private airport on Bullock/Russell County line on Alabama Highway 76. Building reportedly designed to stand 100 mph plus winds was damaged with damage to aircraft. Total damage estimated at \$100,000.
Clay County	18	3:30p	13	50	0	0	4	0	Tornado
									Tornado touched down just north of High Pine Community. A lot of small damage along a 3 to 4 mile long path. Damage to 4 homes. One mobile home destroyed, another severely damaged. The destroyed mobile home was moved about 150 yards. A truck and horse trailer were also damaged. The tornado touched down again about 9 miles east southeast where trees were twisted off and a power pole was damaged. Damage estimated about \$30,000. A large amount of small hail accompanied this storm.
Theodore, Mobile County	22	1:25a			0	0	2	0	Wind
									Minor wind damage to home.
ALABAMA (continued)									
Geneva, Geneva County	22	3:21a							Hail
									Golf ball size hail reported.
Evergreen, Conecuh County	22	2:30p							Hail
									Alabama State Troopers reported golf ball size hail covering the ground.
Chatom area, Washington County	22	3:35p							Hail
									Mostly marble size hail with some 3/4" hail reported in Chatom and 6 miles east of Chatom along Alabama Highway 56.
Monroeville area, Monroe County	22	3:50p							Hail
									Airport manager at Monroeville reported 1/2 to 1 inch hail covering the ground.
Evergreen, Conecuh County	22	3:50p							Hail
									Several reports of 1/2 to 1" hail. Second hail occurrence of afternoon.
Enterprise area, Coffee County	22	4:25p							Hail
									1/4 to 3/4 inch hail with one inch buildup on ground.
Mobile, Mobile County	22	4:35p			0	0	3	0	Wind
									Several homes on Western Drive and 4 businesses north of Spring Hill Avenue had minor damage to building structures. Some trees and power lines down due to lightning strikes and wind.
Ozark Area, Dale County	22	4:55p							Hail
									Hail 1 inch in diameter reported.
Dothan area, Houston County	22	5:30p			0	0	5	4	Hail/Wind
									Pea size to golf ball size hail covered the ground. Hail was 3 inches deep in places and some roads were impassable. Broken windows and roof damage to homes and autos. Some tomato and corn crops were destroyed. Winds gusts to 60 mph. Some trees and power lines down. Property damage estimated \$75,000 and crop damage \$15,000.
Baldwin County	22	5:30p			0	0	0	0	Tornado
									Tornado reported 8 miles north of Loxley, just north of Interstate 10. No damage reported.
Montgomery, Montgomery County	22	6:00p			0	1	2	0	Lightning
									Lightning struck a two-story brick home causing slight damage. One resident of the home was talking on the telephone when the lightning struck and was knocked backward by the surge of electricity. Victim was treated at scene by paramedics and mostly shaken by incident.
Baldwin County	22	6:30p			0	0	0	0	Funnel Cloud
									Baldwin County reported funnel cloud 12 miles NE of Bay Minette.
Lamar County	29	10:00p			0	0	3	0	Wind
									High winds uprooted trees, damaged equipment sheds, mobile homes and houses.
Birmingham/Bessemer, Jefferson County	30	2:30a			0	0	4	0	Flash Flooding
									Heavy rains produced flash flooding of low areas in the southwest part of Birmingham and in the Bessemer area. Bailey Creek overflowed into an apartment complex in Bessemer forcing evacuation of residents. Flooding was also extensive in the Enley area around 13th Street and Avenue T and 12th Street and Avenue U, where water entered some homes and apartments. Damage estimated at \$50,000.
Safford area, Dallas County	30	2:30a	1	50	0	0	4	0	Tornado
									Mini-tornado touchdown damaged home. Roof of home lifted 3 to 4 inches at the edges. Sheds destroyed. Roof of barn and machine shed blown off. Farther northeast a barn was destroyed. Damage estimated at about \$9,000.

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ALABAMA (continued)									
Dallas County	30	2:40a	0.2	30	0	0	3	0	Tornado
									Mini-tornado touched down just north of the highway 14 and 219 intersection and destroyed a garage. Numerous trees were down in the area. Damage to garage estimated \$3,000.
Dallas County	30	2:15a - 3:00a			0	0	3	0	Wind
									Widespread wind damage as a line of thunderstorms moved through in addition to the two mini-tornadoes listed above. Trees and power lines were down. At least one home in Selma was extensively damaged by falling trees. Some windows were also broken. Damage to structures estimated at \$1,200.
Butler County	30	3:15a			0	2	4	0	Wind
									Widespread wind damage across central part of county. Some 20 to 30 houses and barns suffered damage. Two mobile homes were overturned in the Sautock Community west of Greenville where 2 persons were injured. One of the injured was trapped behind the freezer in his overturned mobile home.
Autauga County	30	3:30a			0	0	3	0	Wind
									A mobile home was overturned just west of Prattville. A storage shed and boat were also damaged.
Clay County	30	3:30a	0.4	60	0	0	4	0	Tornado
									Mini-tornado struck Mountain Community in extreme southeast Clay County. 2" x 4" lumber blown through top of house. Several homes damaged and outbuildings destroyed. Damage estimated at \$15,000.
Elmore County	30	3:30a			0	0	2	0	Wind
									Damage to trees and one house with roof damage.
Crenshaw County	30	3:45a			0	0	4	0	Wind
									Widespread wind damage as line of severe thunderstorms moved through. The Petrey area appeared to be hardest hit where mobile homes were overturned and several buildings had roof damage. A metal barn was destroyed. Wind damage was also extensive in the Luperne and Rutledge areas.
Montgomery County	30	3:15- 4:00a			0	0	3	0	Wind
									Mostly minor wind damage to trees and powerlines. One mobile home was overturned at Mathews in eastern Montgomery County.
Dadeville, Tallapoosa County	30	4:25a			0	3	4	0	Wind
									Three minor injuries in Dadeville occurred when 3 mobile homes were overturned by strong winds. Falling trees also damaged power lines and homes.
Lee County	30	4:35a			0	0	2	0	Wind
									Winds to 52 mph in Opelika. Few trees down and some power line damage - Mostly minor.
Troy & Brundidge areas, Pike County	30	4:10- 4:50a			0	0	5	0	Wind
									Widespread wind damage over Pike County. Mobile homes were overturned, trees blown down with some falling on homes, power lines, cars and trucks. In Troy, Troy State University had damage estimated at \$65,000 to \$75,000. An auditorium lost almost its entire roof. A 50 foot microwave antenna tower was toppled and another antenna at the police station. Plate glass windows were also blown out.
Phenix City, Russell County	30	5:13a			0	0	3	0	Wind
									Trees and power lines down in southeast part of city due to strong winds.
Selma, Dallas County	31	9:15p			0	0	2	0	Wind
									Mobile home damaged.
Lee County	31	11:45p			0	0	2	0	Wind
									Power lines reported down in western Lee County.
ALASKA									
Arctic Coast	17- 19				0	?	5	0	Severe Blizzard
									Strong east winds which increased to between 35 and 60 mph blew across the Arctic Coast for almost 2 days. Visibilities were often reduced to below 1/4 mile in blowing snow and wind chills were around the 60 below mark. The airport at Prudhoe Bay was shut down for over 36 hours and oil exploration work and development work ground to a halt for almost two days. Heavy snow drifts required extensive repair to ice roads after the storm, the worst of the winter.
South Central	18				0	0	4	0	High Wind
									Winds to 60 mph with gusts to 80 mph hit the East Anchorage and Eagle River area during the late afternoon and evening of the 18th. The strong winds were caused by a strong pressure gradient over the area during the passage of an occluded front.
ARIZONA									
NONE REPORTED									
ARKANSAS									
Near Russellville - Pope County	4	4:50 PM CST			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
Atkins - Pope County	4	5:08 PM CST			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
St. Vincent - Conway County	4	5:20 PM CST			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
Jones Mill - Hot Spring County	4	Early Evening			0	0	4	0	Lightning
									Lightning caused a fire which destroyed a home on Lake Catherine. Damage was estimated at 15 thousand dollars.
Little Rock Air Force Base - Pulaski County	4	7:05 PM CST			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
9 Miles North of Marianna - Lee County	4	8:15 PM CST			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
Near De Queen - Sevier County	21	7:22 PM CST			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
Just West of Mena - Polk County	21	7:25 PM CST			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
5 Miles North of Ashdown - Little River County	21	7:35 PM CST			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
6 Miles Northeast of Mena - Polk County	21	7:35 PM CST			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
Waldo - Columbia County	21	10:20 PM CST			0	0	0	0	Hail
									Thunderstorms produced three-quarter inch hail. No damage was reported.
Texarkana - Miller County	29	3:25 AM CST							Funnel Cloud
									A funnel cloud was reported by the police. No movement was given.

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ARKANSAS (continued)									
Little Rock - Pulaski County	29	5:46 AM CST			0	0	3	0	High Winds
		Thunderstorms produced winds up to 51 MPH. Minpr damage was reported.							
14 Miles Northeast of Lonoke - Lonoke County	29	6:30 AM CST			0	0	4	0	High Winds
		Thunderstorms produced high winds which damaged a farm plus an airplane parked at the farm. Damage was estimated at 50 thousand dollars.							
CALIFORNIA									
NORTHERN & CENTRAL									
Peters (approx. 40 southeast Sacramento in San Joaquin County)	19	3:30pm			0	0	3	0	Tornado
		Small twister struck near Pine and Hewitt Roads in the center of Peters. Damage to several properties but most significant to the Teury Erpson home. Trees down, tv antenna felled, and east-iron bathtub weighing several hundred pounds moved a few feet.							
Dos Palos (approx. 20 southwest of Merced in Merced County)	19	5:40pm							Funnel Cloud
Vicinity Modesto (Stanislaus County)	19	6 - 7 pm							High winds and hail
		SKYWARN observer reported wind gusts to 60 mph and hail (size unknown) covering the ground to a depth of one inch.							
CALIFORNIA SOUTHERN									
Los Angeles County, Riverside and San Diego Counties.	1-2-3				2	13	unk	0	Severe Rain Storm
		A 3-day Pacific Storm dumped nearly 3 inches of rain in the coastal areas and 5 to 6 inches in the local mountains. Snow fell to the 4 thousand foot level. Mudslides temporarily closed roads. Power outages and street flooding was reported throughout the Southland. 6 persons were killed and 13 injured in weather related accidents.							
Los Angeles County West Los Angeles and Hollywood.	2	A.M.			0	0	0	0	Hail
Inyo County Death Valley	13				0	0	0	0	Heavy Snow
Mono County	25				0	0	0	0	Strong Winds
		Winds with gusts to 50 mph at Mammoth Airport							
Los Angeles County	26				0	0	unk	0	Dust Devil
		Northeast of El Monte, dust devil blew down brickwall.							
San Diego County	26	afternoon			0	0	unk	0	Unconfirmed Tornado.
		(Unconfirmed) tornado (small) in vicinity of San Juan Capistrano. Reported by resident, unable to get details.							
Inyo-Mono Counties	1-2-3				4	15	unk	0	Rain, Ice, and Snow Storm
		Icy roads were the cause of numerous accidents.							
COLORADO									
Mountains, eastern foothills, northeast plains	3/4				1	0	3	0	Heavy Snow
		By far the most vigorous snowstorm of the season struck most of Colorado, with heavy wet snow and strong winds. Most areas affected by the storm received 5 to 15 inches of snow, though up to two feet fell at Wolf Creek Pass in the San Juan Mountains, with 22 inches at East Canyon in the foothills northwest of Fort Collins. Many schools in the foothills and on the northeast plains were closed, as were most highways connecting Denver, Colorado Springs, and Limon. Wind whipped ten inches of snow in Denver into 3 foot drifts, snarling traffic in the city on the morning of the 4th.							
		The heavy snow and strong wind greatly increased avalanche danger in the mountains, and a crpas county skier was killed by one of the many snowslides that occurred near Wolf Creek Pass. Some power lines were downed by the heavy wet snow, but despite the damage and transportation difficulties, the storm did much more good than harm, bringing badly needed moisture to the parched plains and mountains. Most spots in the affected area received 1/2 to 1 1/2 inches of moisture from the storm.							
COLORADO (continued)									
Eastern Foothills, Northeast Plains	6/7/				0	0	0	0	Heavy snow
		A storm dumped 4 to 8 inches of snow in the foothills west of Pueblo and also at higher elevations between Denver and Colorado Springs. A small area near Vray in Northeast Colorado was buried with 15 to 18 inches.							
Mountains	16/17				0	0	0	0	Heavy snow
		A storm dumped 18 inches of much needed snow in the Aspen area, and many other spots in the high country received 6 to 12 inches.							
Larimer County	18	1120			0	0	0	0	Funnel Clouds
		Three cold air funnels were spotted 2 miles northeast of Wellington.							
Mountains and Northeast	20/21				0	0	2	0	Heavy snow
		Snow was widespread in the mountains and northeast. 5 to 8 inches piled up in northeastern Weld county, and a farmer lost a calf in the storm. 4 to 6 inches were recorded at higher elevations south of Denver, with up to 8 inches in the high country.							
Northern Mountains	24	midday			0	0	0	0	Heavy snow
		A brief but very heavy snow squall dumped 5 1/2 inches of snow at Berthoud Pass in just 1 1/4 hours.							
Western Valleys	26	early eve.			0	0	3	0	High winds
		Strong winds howled in the west central valleys of the state, with peak gusts of 88 mph near Grand Junction. Winds of 65 mph were recorded at Montross, and the Grand Junction airport had a peak gust of 59 mph. The winds blew off shingles from a few homes in Grand Junction, and the shingles in turn broke some windows. At Montross an shing blew off of a mobile home, downing a power line. Some trees were felled by the gusts.							
Colorado Springs area	27	midday			0	2	2	0	High winds
		Winds up to 65 mph were recorded near Colorado Springs. One strong gust in the city broke a plate glass window; two persons inside the building were cut by the flying glass. The wind caused two power outages in the area.							
Eastern Foothills, Northeast Plains	28				0	0	0	0	Heavy snow
		Strong winds and heavy snow created near blizzard conditions in portions of Eastern Colorado. 5 to 12 inches of snow buried the eastern foothills of the Rockies and the Palmer Divide between Denver and Colorado Springs. 1 1/2 inches fell at Stapleton Airport in Denver, with 3 1/2 inches in Colorado Springs. Most cities on the northeast plains received 2 to 5 inches.							
Northeast Foothills	29-31				0	0	0	0	High winds
		Strong winds howled down the foothill canyons from Boulder north to the Wyoming border on each of the last three days of March. The peak gust recorded was 80 mph at Eastman Mountain on the morning of the 31st. Speeds of 57 mph were clocked at Fort Collins on the same day, with gusts of 60 to 70 mph in Boulder Canyon on the 29th.							
CONNECTICUT									
									NO DATA RECEIVED
DELAWARE									
									NONE REPORTED
FLORIDA									
St. Lucie, St. Lucie County	16	1:15PM EST			0	1	2	0	High winds.
		Gusty winds in the Port St. Lucie area toppled a newly constructed 13 foot wall (concrete block) and seriously injured a construction worker.							
Northwest Florida	18	After-noon			0	0	4	0	High winds.
		High winds across northwest Florida from Crestview to Lake City caused damage to mobile homes, signs, trees, and power lines. Several highway accidents were the result of reduced visibility from blowing sand. Total damage was estimated to be \$25,000.							
Orlando, Orange County	19	12:45 AM - 1:04 AM EST	7.0	100	0	1	6	0	Tornado
		A large tornado moved through southeast Orlando destroying 12 homes, causing major damage to 5 homes and minor damage to at least 30 homes. Two mobile homes were destroyed and a number damaged. There was only one injury and total damage was estimated around one million dollars.							
Oviedo, Seminole County	19	12:55AM EST	0.5	30	0	1	5	0	Tornado
		A small tornado struck the Oviedo area (northeast of Orlando), destroying four mobile homes with heavy damage to two others. There was one minor injury. Total damage estimated \$100,000.							
St. Cloud Osceola County	19	2:00AM - 2:15AM EST	5.0	50	0	11	5	0	Tornado
		A tornado first touched down near Kissimmee Park and moved eastward through St. Cloud. There were 11 injuries with 2 serious. Four mobile homes and one house were destroyed. Several other mobile homes had major damage. A number of cars were damaged with heavy damage to trees and power lines. Total damage was estimated to be \$150,000.							

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FLORIDA (continued)									
Alachua Alachua County	22	10:45AM EST	0.3	10	0	0	3	0	Tornado
									A small tornado touched down briefly just southwest of Alachua destroying a metal shed and damaging stored furniture inside the shed. Total damage was \$1000.
GEORGIA									
Bibb County	5	3:02 PM			0	0	0	0	Wind
									Wind gusts to 50 knots were observed at the Macon Airport as thunderstorms moved through the area. No damage was reported.
Houston County	5	3:17 PM			0	0	0	0	Wind
									Wind gusts to 50 knots were observed at the Warner Robbins Air Force Base weather station as thunderstorms moved through the area. No damage was reported.
Toombs County	5	4:45 PM			0	0	3	0	Wind
									Strong thunderstorm winds caused damage near Lyons. A barn roof and a house porch were blown away, and the ceiling of a dry cleaning establishment collapsed. A few trees were blown over just north of Vidalia.
Morgan and Greene Counties	16	Late morning to Late afternoon			0	0	4	0	Wind
									Strong winds blew over 2 mobile homes in Morgan County, destroying one and extensively damaging the other. Part of the Greene County Courthouse roof was blown away and several trees were uprooted.
Richmond County	16	Late morning to Late afternoon			0	2	4	0	Wind
									Strong winds buffeted the area, knocking down the brick wall of an old warehouse in Augusta about 2:45 PM. The warehouse wall crumbled part of a restaurant wall, temporarily burying 2 employees. A peak gust of 58 mph was reported at the Augusta Airport at 1:55 PM.
Chatham County	16	Late morning to Late afternoon			0	0	3	0	Wind
									Strong winds caused minor damage to a few homes. Scattered power outages were caused by broken tree limbs falling onto power lines. Winds peaked at 58 mph at the Savannah Airport at 4:22 PM.
Webster County	18	12:45 PM			0	0	3	2	Wind, hail
									Thunderstorm winds caused window damage to a school and downed power lines and large trees in Preston. Hail to golf ball-size was reported.
Bibb County	18	1:39 PM			0	0	0	0	Hail
									Hail up to golf ball-size fell in north Macon.
Pulaski County	18	1:43 PM			0	0	0	2	Hail
									Hail up to golf ball-size fell in the southwest part of the county.
Baldwin County	18	1:45 PM			0	0	4	0	Wind
									Strong thunderstorm winds demolished one home and uprooted several pine trees.
Dodge County	18	2:25 PM			0	0	4	0	Wind, hail
									Thunderstorms dropped golf ball-size hail which caused slight damage to a few cars. Winds blew over trees which fell on and demolished two cars. Two mobile homes were destroyed.
Jefferson County	18	2:25 PM	2	30	0	1	4	0	Tornado
									A thunderstorm blew down a few trees and damaged a shed in Bartow. As it moved east it spawned a tornado which snapped off pine trees and demolished a restaurant, causing minor injuries to 1 person. Three homes were damaged by falling trees.
Wheeler and Telfair Counties	18	2:45 PM	3	40	0	0	3	0	Tornado
									A number of trees were uprooted and some trees were blown onto rooftops in the Little Ocmulgee State Park. Golf ball-size hail fell.
Chattahoochee County	18	2:42 PM			0	0	0	0	Funnel cloud
									A trained spotter at Fort Benning reported a funnel cloud.
Stewart County	18	2:45 PM	1	30	0	0	4	0	Tornado
									A tornado touched down just west of Lumpkin, tearing the roof from one house and downing several large trees and power lines.
GEORGIA (continued)									
Sumter County	18	3:00 PM			0	0	3	0	Wind, hail
									Thunderstorms moved through the area dropping golf ball-size hail, felling trees, and damaging 2 small aircraft on the ground at the Americus Airport.
Webster County	18	3:05 PM	6	40	0	0	4	0	Tornado
									A second tornado apparently developed from the same thunderstorm which spawned a tornado over Stewart County at 2:45 PM. This tornado touched down 3 miles south of Preston, destroying two mobile homes, 1 house, 1 shed, and ripping the roof from another house.
Miller County	18	3:30 PM			0	0	4	0	Wind
									One house trailer was demolished, and several grain bins, barns, storage buildings, and cars were damaged by strong thunderstorm winds.
Evans County	18	3:30 PM			0	1	4	2	Wind
									Thunderstorms moved through the area just southeast of Claxton, dropping golf ball-size hail, blowing the roof off one house, damaging 2 mobile homes, and destroying a chicken house. One man was injured when the chicken house collapsed.
Berrien County	18	4:00 PM			0	0	0	2	Hail
									Hail up to golf ball-size damaged several tobacco fields.
Screven County	18	4:00 PM			0	0	2	0	Wind
									Thunderstorm winds uprooted a few trees.
Chatham County	18	4:15 PM			0	0	4	0	Wind
									Thunderstorm winds blew the roof off a large lumber warehouse in Pooler.
Mitchell	18	5:25 PM			0	0	4	3	Wind, hail
									Golf ball-size hail fell at Pelham. The winds with the thunderstorm blew down several trees and the awnings from a few buildings. Some structural damage to buildings was reported. The wind caused extensive damage to young tomato plants.
Wayne County	18	6:00 PM			0	0	0	3	Hail
									Thunderstorms dropped golf ball size hail near Doctortown.
Washington County	18	7:00 PM			0	0	3	0	Wind
									A mobile home was blown over by strong winds.
Bartow County	22	Morning			0	0	3	0	Wind
									High winds left a trail of debris on lawns and roadways, overturned two trailers in Rydal, and snapped three power poles.
Seminole County	22	7:20 PM			0	0	2	2	Hail
									Hail up to golf ball-size covered the ground at Donalsonville.
Decatur County	22	8:30 PM			0	0	3	2	Hail, wind
									Thunderstorm winds raked the area and hail up to golf ball-size covered the ground three inches deep at Bainbridge. A few houses, windows, and auto windshields were broken.
Harris, Muscogee, and Talbot Counties	30	6:15 to 6:30 AM			0	0	4	0	Wind
									Strong thunderstorm winds blew down trees and power lines in Harris and Muscogee counties and demolished a car wash in Talbot County.
HAWAII									
NO DATA RECEIVED									
IDAHO									
Snake River Valley of Southern Idaho	29	12:00p - 4:00p			0	2	6	0	High Winds
									A strong cold front passed through Idaho during the afternoon hours. Wind gusts of 50 m.p.h. were quite general throughout the Snake River Valley of southern Idaho. Peak winds reported were 58 m.p.h. at the Boise Airport, Ada County, and 87 m.p.h. at Twin Falls Airport, Twin Falls County. Numerous trees were downed in north Boise, Ada County, with four cars being crushed. Many power poles were felled across the valley, especially in Ada, Twin Falls, Jerome, Bingham, Blaine, and Bonneville Counties. Two mobile homes were destroyed near Hazelton, Jerome County, with two residents slightly injured. One mobile home was destroyed near Idaho Falls, Bonneville County. Three large grain bins were destroyed in the Pocatello area, Blaine County.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1981

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 Prophetstown, Whiteside County	29	6:15pm to 6:30pm	9.5	100	0	0	6	0	Tornado
		A tornado ripped through Prophetstown, severely damaging buildings along its 9.5 mile intermittent path. At 6:15pm the tornado was first sighted on the ground near a farm just west-southwest of town. As it traveled north it destroyed a farm house and several out-buildings just west of town. As it turned in a northerly direction, it tore down power lines at 6:20pm turning off the sireh which had been on for 2 minutes. As the tornado struck a sand and gravel pit, a scale house and other buildings were destroyed. It then struck the Prophetstown Equipment Company and the Propane and Gas Company causing a considerable damage. The lumber warehouse and the grain storage area were badly damaged and 8 grain bins were flattened. After the tornado crossed the Rock River, it struck another farm demolishing several more out-buildings and damaging a house. When the tornado traveled out of town on its north-northeast track, it destroyed several trailers at a campsite. At about 6:30pm the tornado lifted for the last time leaving a total of 13 buildings, 2 houses, and several trailers damaged or destroyed. Forty-nine hogs were killed. The total damage was more than \$2 million.							
INDIANA LaGrange County	29	5:44P	0	0	0	1	4	0	Wind damage
		Approximately 3/4 of drug store roof blown off causing damage to several vehicles and water damage to stock. One person injured. Damage to property estimated at \$5,000; to vehicles - \$500. Injured person was treated and released.							
Michigan City LaPorte County	31	7:40P	0	0	0	0	0	0	Hail
		Hail 1/2" in diameter, but no damage reported.							
Valparaiso Porter County	31	7:53P	0	0	0	0	0	0	Hail
		Hail 1/2" in diameter, but no damage reported.							
IOWA 5 Miles North Atlantic Cass County	29	9:20A CST	1/2	20	0	0	4	0	Tornado
		A weak tornado briefly touched down on a farmstead wrapping a horse trailer around a utility pole, killing several livestock and destroying 4 large hay barns.							
KANSAS Sedgwick, Butler, and McPherson Counties	17	4:45 p - 7:15 p			0	0	0	0	Funnels
		Heavy thunderstorms developed from Reno and McPherson Counties, across Harvey and Sedgwick, to Butler County. The storms produced many funnels. Reports included 2 in Sedgwick County east of Wichita around 5:00 p, 2 in western Butler County around 5:30 p, and 3 in eastern McPherson County east of McPherson between 5:30 and 5:30 p. No damage was reported.							
Parsons, Labette County	17	11:30 p			0	0	4	0	Wind
		Strong thunderstorm winds toppled a 100 foot grain conveyor at a grain terminal just northwest of Parsons. Damage estimate \$15,000.							
Oakley, Logan County	28	1:15 p	Short	Narrow	0	0	0	0	Tornado
		Tornado touched down briefly 6 miles south of Oakley. No damage.							
Selden, Sheridan County	28	2:15 p	Short	Narrow	0	0	0	0	Tornado
		Tornado moving northeast touched down briefly 5 miles southwest of Selden. No damage.							
KENTUCKY									NO DATA RECEIVED
LOUISIANA Bossier Parish	21	10 PM			0	0	4	?	Severe Thunderstorm
Caddo Parish	22	2 AM							Hail
		A severe thunderstorm accompanied by 1/2" to 3/4" hail crossed the Louisiana-Texas border at 9PM and moved northeast through Shreveport and Bossier City between 10 PM Saturday and 2 AM Sunday. Several trees, power lines, out buildings and signs were destroyed in both cities. Golf ball-sized hail fell at Shreveport at 9:45 PM just east of the airport.							
Vermillion Parish	21	11 PM			0	0	4	?	Severe Thunderstorm
		Severe thunderstorm winds toppled an oil drilling rig and took the roofs off a barn and a large 4 car garage near Henry between Abbeville and Erath.							
St. Mary Parish	22	1:30 AM			0	0	3	0	Thunderstorm
		A severe thunderstorm at Franklin uprooted a large tree, broke plate glass windows and destroyed a building under construction.							
LOUISIANA (continued) De Soto Parish Webster Parish	29	5 AM			0	0	3	0	Thunderstorm
		Trees, power lines, and signs were blown down as a band of thunderstorms moved through the two-parish area.							
Caddo Parish Webster Parish DeSoto Parish	29	1-3 PM			0	0	0	?	Hail Storm
		A band of thunderstorms moved through northwest Louisiana with marble-sized hail reported in Shreveport, Minden, and Mansfield.							
Lincoln Parish Ouachita Parish	31	6 PM			0	0	?	?	Hail Storm
		A band of severe thunderstorms moved east-north-east through north Louisiana with one inch hail 5 miles south of Ruston and marble-sized hail west of Monroe in Ouachita Parish.							
MAINE Northern and Eastern Aroostook, Hancock, Penobscot & Washington Counties	17- 18	Mrgng Evng			0	0	5	0	Wind and Snow
		Strong northeast winds, rapidly accumulating snow and temperatures in the teens and low 20s brought northern and eastern Maine to a virtual standstill for nearly two days. Snowfall ranged from 6 to 25 inches with eastern Washington County hardest hit. Wind driven snow reduced visibility to near zero and built snowdrifts up to 17 feet, closing Route 9 (the Airline) and U.S. Route 1 from Woodland to Calais for a long period. Grand Manan Island clocked wind gusts to 80 mph. The barometer fell to 28.50 inches at Machias, the lowest pressure there in many years. Mail delivery was cancelled in Calais Tuesday and Wednesday with curtailed service throughout Washington County Tuesday afternoon. Medical clinics and physicians' offices were closed in St. Stephen, Calais and Lubec on Tuesday, accepting emergency calls only. Breakdowns left Eastport with only one piece of snow removal equipment operating by Tuesday evening. A winter storm warning was issued at 8 am on the 17th for eastern Maine and the travelers advisory was changed to a winter storm warning for northern Maine at 10 am.							
MARYLAND & D.C. Northern & Western Md.	4-5				0	0	0	0	Snow
		Snow developed during the night of the 4th and continued into mid-day on the 5th. Many schools were closed in Cecil, Harford, Baltimore, Carroll, Frederick and Washington Counties with between 2 and 6 inches of snow reported. Allegany and Garrett Counties had up to 8 inches of new snow, following a very mild period. Slippery highway conditions caused a number of auto accidents.							
Montgomery County	16	Afternoon			1	0	4	0	Wind
		Gusty northwest winds apparently were responsible for the driver of a tractor-trailer to lose control while crossing the Cabin John Bridge. The driver was fatally injured when the cab plunged thru the railing and landed in the Potomac River.							
MASSACHUSETTS									NO DATA RECEIVED
MICHIGAN									NO DATA RECEIVED
MINNESOTA 4 mi. E. Royalton (Morrison Co.)	25	1:15 pm CST	3	50	0	0	4	0	Tornado, Hail
		Severe thunderstorms moved northeastward through east central Minnesota producing a tornado, golf ball size hail, heavy rain and wind gusts to 50 mph. The tornado touched down four miles east of Royalton at 1:00 p.m. CST and moved northeastward for about three miles. It was on the ground approximately 70% of the time.							
		Storm damage included two barns and several sheds totally destroyed, five cattle killed and an irrigation system over turned. One hundred customers were without power in southeast Morrison County for several hours.							
Gilman (Benton Co.)	25	1:47 pm CST			0	0	0	0	Funnel Cloud
		The public reported a funnel cloud over a barn in Gilman.							
5 SE Rice (Benton Co.)	25	1:55 pm CST			0	0	0	0	Funnel Cloud
		Public reported funnel cloud.							
5 N. Foley (Benton Co.)	25	1:55 pm CST			0	0	0	0	Funnel Cloud
		Public reported funnel cloud.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1981

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		
MINNESOTA (continued)										
Fairfax to Franklin (Renville Co.)	29	2:37 pm CST			0	0	0	0		Hail
		Public reported 1/2 to one inch hail in a narrow path from Fairfax to Franklin.								
Near Buffalo Lake (Sibley Co.)	29	3:25 pm CST			0	0	0	0		Hail
		Sibley County Sheriff reported golf ball size hail near Buffalo Lake.								
Spicer (Kandiyohi Co.)	29	4:58 pm CST			0	0	0	0		Funnel Cloud
		Public reported funnel cloud over Spicer.								
St. Louis Park (Hennepin Co.)	29	5:16 pm CST			0	0	0	0		Funnel Cloud
		Public reported funnel cloud over city.								
MISSISSIPPI										
5 S Beulah (Bellevue Co.)	4	7:03 pm CST			0	0	0	0		Large Hail
		Golf ball size hail reported by Mississippi Highway Patrol. Beulah is about 15 miles west of Cleveland.								
Greenville (Washington Co.)	22	12:5 am CST			0	0	0	0		Large Hail
		Greenville police reported marble to golf ball size hail in the city.								
Vicksburg (Warren Co.)	22	1:36 am CST			0	0	0	0		Large Hail
		Vicksburg police reported one-inch hail in the city.								
2 W Foxworth (Marion Co.)	22	1:09 pm CST			0	0	0	0		Large Hail
		Columbia-Marion County Civil Defense reported marble and golf ball size hail.								
7 N Columbus (Lowndes Co.)	22	12:5 pm CST			0	0	0	0		Large Hail
		Golf ball size hail fell in the Bunker Hill community north of Columbus.								
SE Pike County	22	11:3 pm CST			0	0	0	0		Large Hail
		Pike County Civil Defense reported golf ball size hail in the Progress community in extreme SE Pike County.								
Magnolia (Pike Co.)	22	1:57 pm CST			0	0	0	0		Large Hail
		Pike County Civil Defense reported marble to golf ball size hail at Magnolia, or 6 miles S of McComb.								
10 W Hattiesburg (Lamar Co.)	22	2:12 pm CST			0	0	0	0		Large Hail
		Hattiesburg police reported golf ball size hail.								
4 N Gulfport (Harrison Co.)	22	3:17 pm CST			0	0	0	0		Large Hail
		Golf ball size hail was reported just north of Gulfport Airport by Harrison Co. Civil Defense.								
6 SE Aberdeen (Monroe Co.)	29	8:45 pm CST			0	2	4	0		High Winds
		Thunderstorms produced high winds in the Lockett community, overturning 2 unanchored house trailers and damaging 2 stores in addition to several trees and power lines. Two persons sustained minor injuries.								
Franklin County	31	3:5 pm CST			0	0	0	0		Large Hail
		Mississippi Highway Patrol reported golf ball size hail SW of Brookhaven in Franklin County. Exact location unknown.								
1 1/2 ESE Meridian (Lauderdale Co.)	31	6:4 pm CST			0	0	0	0		Large Hail
		Three-quarter inch hail was reported at Wynot, MS.								
2 NE McComb (Pike Co.)	31	6:4 pm CST	1 1/2	125	0	0	5	?		Tornado
		A tornado struck the NE outskirts of McComb, then traveled ENE through Pike County and the extreme NE part of Walthall County before lifting near the Walthall-Lawrence County line S of Jayess. In Pike County, 5 houses and 3 trailers were destroyed, and 30 houses and other structures sustained damage, mostly in the form of moderate roof damage. Most of the residential damage was near McComb, while the tornado caused mainly timber damage in the rest of the county. In Walthall County, 1 house sustained roof damage, while the rest of the damage was to timber and power lines. A television tower was also destroyed in Pike County.								
2 S Jayess (Walthall Co.)										
MISSISSIPPI (continued)										
Oak Vale (Lawrence Co.)	31	7:25 pm CST			0	0	0	0		Funnel Cloud
		A funnel cloud was reported by the public near Oak Vale in extreme SE Lawrence County. This funnel cloud was associated with the same thunderstorm cell which produced the tornado in Pike and Walthall Counties, and which later produced another tornado in Covington and Jones Counties (see next entry.)								
3 SW Seminary (Covington Co.) to 7 NW Mosella (Jones Co.)	31	8:10 pm CST	8	100	0	2	5	0		Tornado
		This tornado was produced by the same thunderstorm cell which spawned the tornado which struck Pike and Walthall Counties an hour and a half earlier. This latter storm touched down for about a mile in Covington County, then lifted for just over 5 miles before touching down again near the Covington-Jones County line and continuing on the ground for a mile and a half before lifting again. In Covington County, the tornado tore the roof off one house and blew a horse trailer into the side of another house. Two occupants of the trailer sustained minor injuries, although one was hospitalized. Several sheds were also destroyed and numerous large pine trees were snapped or leveled. As the tornado descended again near the county line and continued into Jones County, it caused light to moderate roof damage to 4 houses, destroyed one chicken house and heavily damaged another, and damaged or destroyed 9 outbuildings as well as many trees and power lines. Damage totaled around \$50,000 in each county.								
Jones County	31	8:45 pm CST			0	0	0	0		Funnel Cloud
		A funnel cloud was sighted 6 miles SE of Laurel at 8:45 pm and again 12 miles E of Laurel at 9:00 pm. This funnel cloud was associated with the same thunderstorm cell which produced the tornado in Covington and Jones Counties a half hour earlier. The tornado had lifted at 8:20 pm about 20 miles SW of Laurel, or 7 miles NW of Mosella (see last entry) and apparently continued across the remainder of Jones County as a funnel cloud which was sighted in the two locations specified in this entry. The associated thunderstorm cell was the same one which produced the tornado in Pike and Walthall Counties more than two hours earlier. In fact, Jackson weather radar indicated almost continuous circulation in this thunderstorm cell, whether aloft or on the ground, along the entire distance from Pike County to Jones County.								
MISSOURI										
NO DATA RECEIVED										
MONTANA										
NO DATA RECEIVED										
NEBRASKA										
Southwest, South Central and Southeast Nebraska	3-4	Late Evening thru Mid Afternoon			0	0	3	0		Heavy Snow
		Heavy, wet snow fell in a band from Imperial through Grand Island and Lincoln. Snowfall of 4 to 7 inches was quite common. Some tree and power line damage occurred in southwest Nebraska as winds gusted to 30 m.p.h. Some snowfalls included 7 inches at Goehner, 6 inches at Imperial, Hayes Center and Sumner, 5 inches at Grand Island, Utica and Amberst, and 4 inches at Lexington and Lincoln.								
Southern Panhandle and Southwest Nebraska	6-7	Evening to Mid Afternoon			0	0	3	0		Heavy Snow
		Heavy, wet snow fell over the southern panhandle and southwest Nebraska, mostly south of a line from Oshkosh through Hershey and Cambridge. Some schools and roads were closed. Reported snowfalls included 11 inches at Higler and Ogallala, 10 inches at Chappell, and 5 to 6 inches at Benkelman and Trenton.								
Hooker County	27	6:57 PM			0	0	0	0		Hail
		One inch hail fell at Mulleh.								
Arthur County	27	8:00 PM			0	0	3	0		Lightning
		Lightning started a range fire northeast of Arthur.								
NEVADA										
NONE REPORTED										
NEW HAMPSHIRE										
NONE REPORTED										
NEW JERSEY										
NONE REPORTED										

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW MEXICO Hobbs, Lea County	4	Afternoon			0	1	4	0	Windstorm
									Winds gusting to above 40 mph collapsed wall of junior college gymnasium. Wall had been weakened by construction activities. Falling bricks injured college employee.
Eastern Plains Section	17	Daytime			0	0	5	?	Windstorm
									Strongly deepening low pressure system over southwestern Kansas caused severe windstorm eastern half of New Mexico. Extensive damage over East-central Plains area with many buildings overturned. Hangar collapsed at Clovis Municipal Airport in gust measured at 50 mph. Several airplanes damaged by falling roof and debris. Extensive thick blowing dust for several hours.
NEW YORK COASTAL									NONE REPORTED
NEW YORK CENTRAL									NO DATA RECEIVED
NEW YORK WESTERN									NONE REPORTED
NORTH CAROLINA Southeastern North Carolina	16	2:00 PM to 2:30 PM			0	0	5	0	High Wind
									A low pressure area moved across North Carolina during the day. Winds highs not associated with thunderstorms were reported through Southeastern North Carolina with damage to barns and powerlines in Bladen and Brunswick counties. Radio tower WWL in Wilmington was blown down. Widespread damage to light structures, signs, trees, power lines and small boats in New Hanover County. Winds gusts to 77 MPH at New Hanover Airport.
Western and North Central North Carolina	22-23	Late afternoon & Night			0	0	0	0	Heavy Snow
									Heavy snow began Western North Carolina late afternoon on the 22 and continued through the night. 6 inches to a foot fell through the northeast piedmont and foothills. In the mountains the western and southern slopes did not receive any snow but elsewhere amounts ranged from 9 inches at Asheville to 18 inches at West Jefferson in Ashe County.
Como, Hartford County	30	5:45 PM	6	50	1	1	5	0	Tornado
									A tornado touched down northwest of Como North Carolina and moved east northeast across Hartford county to the Virginia line. A mobile home was turned over northwest of Como killing a woman and injuring her son. One mile to the northeast of the tornado a mobile home and two houses suffered minor damage due to falling trees. One mile further northeast two farm houses, barns and outbuildings suffered significant damage. Damage was between \$200,000 and \$250,000.
NORTH DAKOTA									NONE REPORTED
OHIO									NONE REPORTED
OKLAHOMA									NO DATA RECEIVED
OREGON									NONE REPORTED
PACIFIC									NO DATA RECEIVED
PENNSYLVANIA EASTERN Eastern Pennsylvania	4	9 PM to 6 1 AM EST			0	0	3	0	Heavy Snow
									Snow fell over Eastern Pennsylvania and accumulated only an inch or two in the extreme north, but 3 to 6 inches fell over the remainder. The snow came down heavily at times and accumulations up to nine inches occurred in portions of Bucks, Montgomery, Chester and Lancaster Counties. The snow caused slippery roadways and resulted in many traffic accidents. They resulted in several deaths and a number of injuries. The heavy wet snow downed some tree limbs and utility lines.
Leighton, Carbon County		9 AM to 11 6 PM EST			0	0	4	0	Wind
									Gusty winds reached speeds of 35 to 45 MPH across Eastern Penna., but the only damage reported was in Leighton. The wind gusts caused considerable damage to the roof of an apartment building.
North Portion Eastern Penna.	20	Noon to 10 PM EST			0	0	2	0	Snow
									Snow fell over Eastern Pennsylvania and accumulated to an inch or two in the north portions. However, heavier snow fell over the higher elevations with accumulations ranging up to the 8 inches reported at Batsess, Lycoming County.
PENNSYLVANIA WESTERN									NONE REPORTED
PUERTO RICO									NO DATA RECEIVED
RHODE ISLAND									NO DATA RECEIVED
SOUTH CAROLINA Lake Marion	14	A.M.			3	0	0	0	High Winds
									High winds and rough water swamped a fishing boat drowning three people.
STATEWIDE	16	P.M.			5	2			High Winds
									High winds associated with a rapid moving cold front were responsible for widespread wind damage, including several mobile homes, trees, roofs, and farm buildings. Forest fires burned out of control for hours due to strong winds, and dry conditions.
Charleston, S. C.	18	6 P.M.			4	0	0	0	High Winds
									Winds with gusts in excess of 50 mph caused extensive tree damage with power interruptions over 1/3 of the city.
Georgetown and Horry County coastline	22				4	0	5	0	High Winds and tides
									Strong winds and high tides caused extensive beach erosion and damage to piers, coastal installations, etc. Heaviest damage was on the north end of Pawley's Island. Ship lost off Garden City in storm killing 4 occupants.
SOUTH DAKOTA									NONE REPORTED
TENNESSEE Chattanooga, Hamilton County	16	9:58 a.							High wind
									The wind gusted to 54 miles an hour at the National Weather Service Office at Lovell Field. The winds averaged about 22 miles an hour with the higher gusts. The high, gusty winds followed a fast moving cold front which moved across East Tennessee in the morning. Scattered reports of power outages and downed trees were reported throughout the southeast corner of Tennessee.
TEXAS NORTHERN									NO DATA RECEIVED
TEXAS SOUTHERN Travis Co. Williamson Co. Bays Co.	3	9:30 pm			0	0	?	?	Rain Flooding
	3	9:30 pm			0	0	?	?	Rain Flooding
	3	9:30 pm			0	0	?	?	Rain Flooding
									Heavy rainfall of 3 inches fell across these counties between 7 and 9 pm as a line of thunderstorms became stationary. Short-lived flash flooding resulted. Sharp rises occurred on most small streams and closed rural roads until around midnight.
Harris Co.	4	8:00 am			0	1	0	0	Lightning
									A resident of Houston was reported struck by lightning near South Main and Fondren.

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
Jasper Co.	4	8:25 am			0	0	?	?	Wind
Newton Co.	4	8:45 am			0	0	?	?	Wind
					Thunderstorms moving northeastward caused damaging wind gusts around Buna in Jasper County and in rural parts of central Newton County.				
Harris Co.	21	5:30 pm			0	0	5	0	Hail
Liberty Co.	21	5:45 pm			0	0	?	0	Hail
Chambers Co.	21	6:00 pm			0	0	4	0	Hail
					A line of eastward moving thunderstorms became severe while passing through eastern Harris County. Hail stones up to 1 inch diameter fell around Houston Intercontinental Airport with 1/2 to 3/4 inch diameter stones reported covering the ground at Baytown.				
					Hail swaths continued eastward into Chambers County and southern Liberty County. Damaging hail was reported near Interstate Highway 10 through Chambers County eastward to city of Winnie with scattered reports of large hail also in adjacent parts of Liberty County.				
Jefferson Co.	21	6:50 pm			0	0	?	?	Hail
					A severe thunderstorm near Winnie in Chambers County (see previous entry) moved eastward through central and southern Jefferson Co. Scattered large hail mainly affected rural areas from Hamshire eastward.				
Val Verde Co.	28	8:15 pm			0	0	4	?	Hail
Kinney Co.	28	8:30 pm			0	0	3	?	Hail
Edwards Co.	28	8:40 pm			0	0	3	?	Hail
Real Co.	28	9:15 pm			0	0	3	?	Hail
Bandera Co.	28	9:15 pm			0	0	4	?	Hail
Kerr Co.	28	9:45 pm			0	0	6	?	Hail
Uvalde Co.	28	10:00 pm			0	0	3	?	Hail
Kendall Co.	28	10:15 pm			0	0	5	?	Hail
Medina Co.	28	10:45 pm			0	0	?	?	Hail
					A line of thunderstorms developed from northern Mexico into west central Texas, intensified as it moved east, and dropped intermittent damaging hail swaths over the Texas Hill country. A second line of severe thunderstorms developed in Mexico west of Del Rio and moved eastward near the same track as the first storms about 1 to 2 hours later.				
					In Val Verde County hail stones up to 3/4 inch diameter were reported at Laughlin Air Force Base and near Del Rio. In Kinney and Edwards Counties the same storm cell dropped scattered large hail stones, but property damage was probably minor over these rural areas.				
					In Bandera County from Vanderpool eastward and in central Kerr County severe thunderstorm cells dropped damaging hail stones. A second line of storms actually caused the most significant hail damages in these two counties. Stones up to 1 inch diameter fell around Bandera County. At the city of Kerrville a devastating hail storm produced stones as big as 2-3/4 inches in diameter. Considerable damage to cars, roofs, windows, and other property was reported through central Kerr County including Kerrville. This swath of large hail progressed eastward to Center Point and into Kendall County near the town of Comfort. In Bandera County the ground was covered several inches deep by hail.				
					In Real County one of several hail storms produced scattered damages around Leakey. This same storm cell affected northern Uvalde County causing some damages. The large hail swath extended into northern Medina County rural areas.				
Kerr Co.	28	10:30 pm			0	0	4	0	Rain Flooding
Bandera Co.	28	11:30 pm			0	0	?	0	Rain Flooding
Kendall Co.	28	11:30 pm			0	0	?	0	Rain Flooding
					Severe thunderstorms which produced large hail over these counties (see previous entry) also dropped intense rains. One storm cell dropped 2 inches of rain in about 15 minutes at Kerrville. Rainfall totals for the storm ranged from 3 to 5 inches over all parts of the three counties with a maximum amount reported at Center Point in Kerr County with 5.77 inches. In Bandera County the town of Medina measured 3.65 inches. Minor flooding of rural roads began around 10 pm and worsened from 1030 to 1130 pm. Swift waters closed numerous low water crossings and caused some road-bed damages. In Kerr County very sudden high rises were noted on Turtle Creek and Camp Meeting Creek. The force of water cascading down hill sides after the torrential downpour at Kerrville caused considerable erosion. In Bandera County the North Prong of the Medina River overflowed banks briefly along upper reaches. In Kendall County sudden sharp rises occurred on most streams in western and central parts of the county.				
TEXAS WESTERN									
Lubbock, Crosby Counties	3	2:50p	10.5	30	0	0	4	0	Tornado
		3:15p	.5	10	0	0	0	0	Tornado
		3:27p	12.5	30	0	0	0	0	Tornado
		3:51p			0	0	0	0	Funnel Clouds
					A narrow line of small rainshowers, with a few small thunderstorms embedded in the line, began to produce severe weather on the south side of the City of Lubbock at 12:50 p.m. The first report of a tornado was received from an amateur radio spotter at the intersection of 98th street and U.S. 87. The tornado first became evident as a dust swirl rotating upward into the base of the thunderstorm. The condensation funnel was not visible until later. The tornado destroyed a mobile home and damaged four others with flying debris. The residents of the mobile home escaped injury by finding shelter in a nearby building. The tornado dissipated, contracting into a thin rope and tilting, as it approached the Dalou community. There it caused minor damage to three homes with flying debris.				
					The second tornado developed just southeast of Estacado in Crosby County at 3:15 p.m. It first appeared as a funnel, then dipped down three times before making contact with the ground. It remained on the ground for approximately half a mile then lifted; contracted into a thin rope and tilted just before it disappeared. No damage was reported.				
					The last tornado was observed first by the public as a small and narrow tornado 7 miles northeast of Slaton at 3:27 p.m. It alternately lifted and touched down as it moved northeastward at approximately 30 mph. It was observed by an amateur radio spotter as it dissipated some 10 miles north of Lorenzo. It was over open country and caused no damage.				
					The last report of severe weather from the storm system was received from Department of Public Safety Officers near the White River Lake area at 3:51 p.m. They reported a cluster of three small funnel clouds briefly visible. There was no touch-down or damage.				
Borger, Hutchinson County	14	4:25p	1	50	0	1	5	0	Tornado
					A small tornado touched down briefly in Borger during an afternoon thunderstorm. Appearing first as a funnel, it quickly dropped downward to contact the ground near the corner of Juniper and Harrison Streets. A witness to the tornado reported a low roaring sound; and, looking out, saw the tornado beginning to lift reinforced concrete forms, cinder blocks and other material at a nearby construction site. A number of the forms were thrown across the street into the houses. Next, the tornado picked up the side of a flatbed truck, tipped it over; then dropped it. One of the concrete forms struck the front door of a nearby house; cracking the door and shattering the glass. The flying glass injured one of the occupants slightly. Concrete forms, construction material, pieces of wood and debris from defoliated trees covered the lawns of homes in the area. The tornado quickly lifted and disappeared. Minor window damage was reported along the tornado path as well as some car damage. Winds at the point of touchdown were estimated at 65 mph.				
Texas Panhandle and South Plains	17	11:00a-10:00p			0	3	7	6	Wind and Duststorm
					An extremely strong combined surface-and-upper-level low pressure area early on the morning of the 17th moved out of southeastern Colorado toward the Texas Panhandle. In response to the unusually strong system, strong winds at the surface developed first in the northern Panhandle and spread by late afternoon over most of the remainder of Western Texas. Through the afternoon period, Panhandle and South Plains winds averaged 30 to 40 mph with maximum gusts in the range of 65 to 85 mph. Winds over the remainder of western Texas ranged from 20 to 30 mph with gusts from 40 to 50 mph. An additional problem of blowing dust over the Panhandle and South Plains caused dozens of traffic accidents with numerous injuries and one death. Visibility due to the dust was often below one mile and occasionally was zero.				
					Widespread damage was reported in the storm, with trees knocked over, limbs broken, outbuildings destroyed, fences knocked down, automobile windshields cracked, large signs knocked down, roofs of homes and businesses damaged, windows broken and doors damaged in almost every county of the Panhandle and South Plains. In addition, reports were received of major damage in many cities and counties in the area.				
					Panhandle - Friona reported Highway 60 closed to the public due to a number of accidents through the afternoon period. Eighteen miles south of Friona (near Lakewood) an 80-foot coal storage elevator collapsed due to the wind. The top of a second elevator that was already full of grain also collapsed. Heavy damage was reported to wheat crops in the area. Numerous irrigation systems were blown over or damaged in the winds. In Hereford, the roof was taken off a temporary school building only 25 minutes after the children had been released. Flying pieces of wood and masonry struck the secretary of the school injuring and trapping her in the devastated building. She was rescued shortly afterward by local firemen. Damages due to crops and property in Deaf Smith and Castro counties alone were estimated at nearly \$11,000,000.				

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MARCH 1981

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										
										<p>South Plains - Lubbock reported numerous accidents and one death partly as a result of the dust and windstorm. A nurse at a hospital in Lubbock was struck in the back by a board and seriously injured in the storm. Damage in the Lubbock County area was estimated to be in the hundreds of thousands of dollars. Nearly \$50,000 of damage occurred at the Lubbock International Airport where the strong winds caused 12 large glass panels and 14 smaller panels to fall into the terminal and break. As a result of the failure of the glass, the terminal was evacuated and flights cancelled for part of the afternoon. A \$50,000 warehouse was also destroyed by the wind in Lubbock. In Morton, an aircraft was picked up by the wind, overturned and thrown into a hangar. Damage to the aircraft and the hangar resulted. In Mileshee, truck trailers were overturned causing some \$35,000 damage. In Lamb County, a mobile home was overturned in the strong winds and destroyed.</p> <p>Many locations in the Panhandle and South Plains also suffered telephone and power outages as the winds threw debris into the poles. Many overturned trees also broke power and phone lines. Total damages over the entire western Texas area due to the intense and extensive storm is estimated at over \$5,000,000. By late evening, winds over the area had decreased to 15 to 25 mph and visibility, though poor in some areas, was much improved.</p>
18 NE Amarillo, Potter County	21	12:25p			0	0	3	0	Windstorm	<p>Strong surface winds, accompanying an intense upper-level and surface low pressure system developed strong surface winds over the Panhandle and northern South Plains. Although peak winds were reported to be near 55 mph in the Panhandle and between 30 and 40 mph over the South Plains, an isolated gust to 66 mph was reported at the Pantek Plant (some 18 miles northeast of Amarillo). Only a few reports of minor damage were received. All were from the Panhandle and consisted mostly of blown down trees, broken windows and brief power outages.</p>
UTAH										NONE REPORTED
VERMONT										NO DATA RECEIVED
VIRGINIA										
Southeastern										
	16				0	0	4	0	Wind	<p>Low pressure system moved out of the mid-Mississippi Valley and brought winds gusting up to 50 mph beginning late in the day and continuing during the night. The Chesapeake Bay Bridge-Tunnel was closed to vehicles subject to wind. At Virginia Beach a tree was blown over onto a mobile home, and a coal-carrying ship was made to drag anchor and run aground. Damage estimated at around \$10,000.</p>
Northern										
	18-19				0	0	0	0	Snow	<p>Late winter snowstorm from late of the 18th into morning of the 19th brought 1 to 4 inches of snow east of the mountains with up to 9 inches over the higher elevations in Highland County. Several accidents were attributed to treacherous road conditions.</p>
South Central and Southwestern										
	22-23				0	0	4	0	Snow	<p>Low pressure moved from the lower Mississippi Valley northeastward to off the Carolina coast, bringing the heaviest snowfall of the season to many locations. East of the mountains 2 to 4 inches of wet snow pulled down power lines, disrupting electrical service. Over the higher elevations in the southwestern counties from 8 to 12 inches of snow was common, with up to 15 inches in a portion of Patrick County. Police reported the largest traffic pileup in 10 years occurred on Interstate 81 in Wythe County due to slippery conditions.</p>
Suffolk and Chesapeake										
	30	6:00 p-6:30 p	3	75	0	2	5	0	Tornado	<p>Tornado moved from vicinity of the Virginia-North Carolina line toward the east-northeast. Four or five large storage barns were demolished on a farm near Whaleyville. The funnel then struck four nearby homes. Two of these were completely destroyed and the others badly damaged. Miraculously, only 2 persons had to be treated for minor injuries. Several witnesses reported seeing the funnel and others heard a noise similar to a freight train. The tornado again touched down in the Cornland section of Chesapeake, ripping up telephone poles and trees and demolishing a chicken house and fences. Total damage estimated at around \$250,000.</p>
VIRGIN ISLANDS										
										NO DATA RECEIVED
WASHINGTON										
										NONE REPORTED
WEST VIRGINIA										
										NONE REPORTED
WISCONSIN										
Juneau and Adams Counties										
	16-17				0	0	4	0	Wind	<p>Nineteen grass fires and four minor forest fires, none affecting more than four acres, resulted from a combination of 20-40 mph winds and low humidity, following an extended period of subnormal precipitation.</p>
Fayette and Lafayette Counties										
	29	1800			0	0	4	?	Wind	<p>High thunderstorm winds destroyed several farm buildings on the Andrews farm on Faymont Road, just south of Fayette.</p>
2 E of Fayette, Lafayette County										
	29	1835			0	0	4	?	Wind	<p>Strong thunderstorm winds destroyed two rural structures and killed a calf.</p>
1 ENE of Mazomanie, Dane County										
	29	2013			0	0	4	0	Wind	<p>"Downburst" winds, estimated at 70-80 mph, unroofed one house and damaged several smaller structures.</p>
Marathon, Lincoln and Clark Counties										
	31	1720-2130			0	0	5	?	Wind	<p>Strong thunderstorm winds destroyed two barns and damaged three others, and destroyed numerous smaller rural structures in two separate waves of thunderstorms from 1720-2000 and 1830-2130. Highest winds and greatest damage occurred in the Neillsville (Clark County) area. A radio station anemometer near Neillsville measured a peak wind gust of about 200 mph at approximately 1750.</p>
WYOMING										
										NONE REPORTED

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		

THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:

LATE REPORTS		FEBRUARY 1981									
MINNESOTA		NONE REPORTED									
NEW YORK CENTRAL AREA WIDE		10-11	8P-8A			0	0	5	0		WIND & RAIN
<p>WINDS GUSTING FROM 50 TO 82 MPH DOWNED MANY TREES AND POWERLINES, TORE ROOFS OFF OF BUILDINGS, BLEW OUT STOREFRONT WINDOWS AND CAUSED SEVERAL GARAGES AND BARN TO COLLAPSE. IN ADDITION, FROM 1/4 TO 1/2 INCH OF RAIN IN COMBINATION WITH ICE JAMS CAUSED FLOODING OF MANY ROADS AND WIDESPREAD MINOR HOME FLOODING.</p>											
NORTH CAROLINA											
Moore Co.		11	2:45 AM	5	700	0	0	6	0		Tornado
<p>A tornado touched down 1 mile south of Pinebluff doing extensive damage to a factory and moved northeast to just southeast of Aberdeen. Total damage \$932,000; structural damage to drapery factory \$75,000 and \$750,000 water damage to drapery fabrics.</p>											
Moore Co.		11	2:55 AM	7	800	0	0	5	0		Tornado
<p>A tornado touched down just north of Southern Pines and moved northeast to Vass. The tornado ripped off roof and demolished a wall to Vass City garage. Damage \$100,000 plus extensive tree damage along path through open country.</p>											
Scotland and Robeson Counties		11	300 AM			0	3	5	0		Wind
<p>A severe thunderstorm moved east through Scotland and Robeson Counties, causing damage to 17 homes in both counties with most damage in the towns of Laurinburg in Scotland County and Lumberton in Robeson County. Three minor injuries in the town of Laurinburg. Damage \$745,000 in Scotland County and \$223,000 in Robeson County.</p>											
Hoke and Cumberland Counties		11	3:30 AM	12	80	1	0	5	4		Tornado
<p>A tornado touched down in Rockfish in Hoke Co. destroying a mobile home and killing a woman occupant. The tornado moved east into Cumberland County to Owens of U.S. Rt. 401 west of Fayetteville, destroying one house and damaging roofs on several other homes. Then moved through subdivision of Montclair in West Fayetteville uprooting trees and doing roof damage to several homes. Then moved into Stratford Hills subdivision also uprooting trees and doing roof damage. Then hit the Fayetteville City School Administration Bldg. doing extensive roof damage. Damage: Hoke Co. \$60,000 structural, \$25,000 to forested areas. Cumberland County \$211,500 to structures.</p>											
Wake County and South of RDU Airport		11	3:30 AM			0	0	4	0		Wind
<p>A severe thunderstorm moved through Morrisville destroying one house trailer and considerable down burst wind damage to trees.</p>											
Wake County Knightdale		11	4:05 AM	2	800	0	2	5	0		Tornado
<p>A tornado touched down 1 mile southwest of Knightdale in Eastern Wake County and moved northeast through town, destroying a tractor sales bldg. on First Ave., and a house trailer in northeast corner of town, injuring two occupants tornado lifted up 1 mile northeast of town. Total damage \$380,000</p>											
Vance County and Warren County		11	4:20 AM			0	3	5	0		Wind
<p>A severe thunderstorm moved from 2 miles southwest of Henderson in Vance County to Norlina in Warren County. Several homes, house trailers and barns were damaged along path. Three minor injuries in a house trailer in Henderson. Damage: Vance Co. \$119,000; Warren Co. \$125,000.</p>											

LATE REPORTS		FEBRUARY 1981									
NORTH CAROLINA (continued)											
Nashe County Spring Hope		11	4:36 AM	3	800	0	0	6	0		Tornado
<p>A tornado touched down 1 mile southeast of Springhope near U.S. 64 and moved northeast through the center of town doing extensive damage to the center of town. 5 businesses were destroyed with many homes along the path damaged by the tornado or uprooted trees, lifted 1/2 mile northeast of town. Damage: \$1,000,000.</p>											
Columbus Co. Fair Bluff		20	12:48 PM			0	0	0	0		Hail
<p>Three-quarter inch to one inch hail from a thunderstorm covered the ground.</p>											
VERMONT		NONE REPORTED									
WYOMING		NONE REPORTED									
CORRECTIONS		MAY 1980									
MISSOURI		12	7.45PM								Storm in Cole and Calloway Counties should have been identified as another tornado.
WISCONSIN		JULY 1980									
Glenwood City area of St. Croix County into western Dunn County		15	2045	2	100	1	12	6	?		tornado
<p>Police observed the development of a tornado just to the north of Glenwood City. The tornado moved eastward to Highway Q in extreme western Dunn County before dissipating. One death occurred in Dunn County when a mobile home was overturned and a woman was crushed by a refrigerator. Twelve injuries also occurred in the area.</p>											
DELETE WISCONSIN		JULY 1980									
Glenwood City Area St. Croix County		15	2045	?	?	0	0	?	?		Tornado
<p>Police observed the development of a funnel cloud and tornado just to the north of Glenwood City.</p>											
Western Dunn County		15	2045	1	100	1	12	6	?		Tornado
<p>A tornado touched down in an unincorporated area in extreme western Dunn County. One death occurred when a mobile home was overturned and a woman was crushed by a refrigerator. Twelve injuries also occurred in the area.</p>											

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

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.

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