

MAY 1978

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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

MAY 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA Dallas County	1	6:30a	2	20	0	0	6	0	Tornado	
									Tornado touched down in Selma and destroyed a church and damaged several business buildings.	
Russell County	1	9:30a	3	50	0	4	5	0	Tornado	
									Tornado touched down west of Phenix City and traveled east into Georgia. Several houses and trailer houses destroyed or heavily damaged.	
Covington County	3	12:15p	1/4	30	0	0	4	0	Tornado	
									Small tornado damaged Blue Springs School five miles south of Opp; destroyed commercial chicken house and killed chickens and destroyed 1 house, trailer and barn.	
Montgomery County	9	6:00a	0	0	0	0	5	5	Flash Flood	
									Urban flash flood occurred in Montgomery when 6.36 inches of rain fell in 24 hours. 3.23 inches of this fell in 4 hours of the early morning. Lowland flooding on Alabama River followed and damaged crops in fields.	
Morgan County	13	12:15a	3	100	0	11	5	4	Tornado	
									Early morning tornado hit Punkin Center Community destroying 3 houses and 15 mobile homes; 7 houses and 12 farm buildings were damaged. Some 200 acres of fescue hay was destroyed and 400 acres of timber damaged.	
Marshall County	13	12:35a	8	200	0	0			Tornado	
									Tornado touched down five places in an eight mile path from Camp Cha-la-lack to near Hamantoc. Many trees down, some damage to houses and outbuildings. Some reports indicate a pair of parallel moving tornadoes.	
Lauderdale County	13	11:00p	0	0	1	0	4	0	High Winds	
									One person killed in Florence when tree was blown onto an automobile.	
Madison & Limestone Counties	14	?	0	0	0	0	0	6	Dust Storm	
									High winds up to 40 m.p.h. sand blasted cotton. Approximately 20,000 acres of seeding cotton was damaged.	
Mobile County	17	3:25p	1	50	0	0	0	0	Tornado	
									A tornado was sighted 5 miles northwest of Bates Field in Mobile by the National Weather Service. The tornado only lasted a short time and caused no damage or injuries.	
Wilcox County	18	pm	0	0	0	1	0	0	Lightning	
									One person suffered electrical shock while using telephone during thunderstorm.	
ALASKA Copper River Basin	7-14						4	0	Ice jam flood	
									The Gakona River at Gakona froze solid to the bottom of the channel during the winter of 1977-78. When spring breakup began, the ice solidly blocked the channel. Water and floating ice from upstream were blocked. As floating ice from upstream became part of the ice jam, the water level continued rising. Much of the village of Gakona was flooded. The ice jam was finally removed by blasting on May 14.	
Copper River Basin	20	about 4P.M.	1/2	20	0	0	3	0	Thunderstorm wind	
									Late on the afternoon of May 20, cumulonimbus clouds were scattered over the Copper River Basin. A resident at the village of Gakona reported hearing a loud roaring noise 'come over the hill' from the north. There was minor damage to some structures. A funnel cloud was not confirmed.	
ARIZONA			NONE REPORTED							
ARKANSAS West Memphis - Crittenden County	1	12:05 a.	** 200	50	0	2	4	0	Tornado/ Funnel Cloud	
									A tornado moving toward the northeast touched down briefly in a mobile home park. One mobile home was overturned and slammed into another one; a second mobile home had its roof top torn off. Two people in the overturned home sustained minor injuries. A second funnel was sighted at about the same time, but it did not touch down.	
Hackett - Sebastian County	7	2:52 p.			0	0	0	0	Hail	
									Thunderstorms produced one-inch hail. No damage was reported.	
Near Greenwood - Sebastian County	7	3:03 p.							Funnel Cloud	
									A funnel cloud moving toward the east was sighted by the public.	
ARKANSAS (continued) Paris - Logan County	7	5:00 p.			0	0	0	0	Hail	
									Thunderstorms produced golf-ball sized hail, but no damage was reported.	
8 Miles West of Russellville - Pope County	7	5:30 p.			0	0	0	0	Hail	
									Thunderstorms produced golf-ball sized hail. No damage was reported.	
Russellville to Pottsville to just north of Atkins - Pope County	7	6:10 p. to 6:40 p.	13	50	0	0	5	0	Tornado	
									A tornado touched down several times between Russellville and the Atkins area. Minor damage occurred in Russellville and Pottsville; a house and several large chicken houses were destroyed on Crow Mountain which is located just north of Atkins.	
Just Southeast of Hattiesville - Conway County	7	6:20 p.	** 200	25	0	0	2	0	Tornado/ Funnel Clouds	
									A tornado moving eastward touched down briefly and caused minor damage to a home. The thunderstorm cell which produced the tornado also produced funnel clouds just west of Hattiesville and near Birds Town.	
Plumerville and Morrilton - Conway County	7	6:25 p. to 6:35 p.							Funnel Clouds	
									Two funnel clouds were sighted by the public. No direction of movement was given.	
Atkins - Pope County	7	6:40 p.			0	0	4	0	Hail	
									Hail as large as hen eggs caused considerable roof and window damage in the area.	
Near Pettit Jean State Park - Conway County	7	6:50 p.							Funnel Cloud	
									A funnel cloud moving eastward was spotted by the State Police.	
Just East of Lowell - Benton County	7	7:14 p.	** 200	50	0	0	3	0	Tornado/ Hail	
									A tornado moving eastward touched down briefly and damaged a house, a garage, and a barn. Golf-ball sized hail fell on the area just before the tornado hit.	
Over Mr. Magazine - Logan County	7	7:30 p.							Funnel Cloud	
									The public reported a funnel cloud. No direction of movement was given.	
Pope, Yell, and Conway Counties	7	Evening			0	0	5	0	Heavy Rain/ Flooding	
									Heavy rains of up to five inches deluged the counties in just a few hours. Flood damages to property and roads were estimated at over 200 thousand dollars.	
Just South of Texarkana - Miller County	7	10:30 p.			0	0	0	0	Hail	
									Thunderstorms produced golf-ball sized hail. No damage was reported.	
Hot Springs - Garland County	7-8	10:30 p. to 1:30 a.			0	0	5	0	Heavy Rain/ Flooding	
									Heavy rains of over three inches caused flooding in much of the city. The flood waters were almost three feet deep in some parts of the area. Many homes and businesses sustained water damage.	
2 Miles West of Dardanelle - Yell County	7	10:40 p.	** 100	20	0	0	0	0	Tornado	
									A tornado moving eastward touched down briefly in an open area, and caused only tree damage.	
Hot Springs - Garland County	8	1:00 a.			0	0	4	0	Lightning	
									Lightning caused a fire that burned a house to the ground. Damage was estimated at almost 50 thousand dollars.	
Over Wynne - Cross County	8	6:30 p.							Funnel Cloud	
									A funnel cloud was sighted by a local policeman. Movement was toward the east.	

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ARKANSAS (continued)									
Magnolia - Columbia County	11	8:50 p.			0	0	2	0	Hail/ Funnel Cloud
									Thunderstorms produced golf-ball sized hail, but only minor damage was reported. A funnel cloud moving east-southeastward was reported at the same time.
El Dorado - Union County	11	9:10 p. to 9:15 p.			0	0	3	0	Hail
									Thunderstorms produced golf-ball sized hail. Some damage to autos, etc. was reported.
2 Miles South of Siloam Springs	12	1:14 p.	3	50	0	0	4	0	Tornado
									A tornado moving eastward touched down and was sighted by the police. Damage was limited to power lines, outbuildings, and trees.
Coal Hill - Johnson County	12	2:45 p.			0	0	0	0	Hail
									Thunderstorms produced one-inch hail. No damage was reported.
Just West of Mena - Polk County	12	3:10 p.			0	0	0	0	Hail
									Thunderstorms produced golf-ball sized hail. No damage was reported.
Onia to 2-1/2 miles North of Mt. View - Stone County	12	4:10 p. to 4:30 p.	13	200	0	0	5	0	Tornado
									A tornado moving eastward touched down several times. Several chicken houses, mobile homes, and houses were damaged or destroyed. Also several thousand chickens were killed. Damage was estimated at almost 200 thousand dollars.
Western Hot Springs - Garland County	12	4:30 p.							Funnel Cloud
									A funnel cloud moving southeastward was sighted by the public.
One-Half Mile West of Patmos to One Mile East of Patmos - Hempstead County	12	5:45 p.	2	75	0	2	4	0	Tornado
									A tornado moving eastward touched down three separate times. It destroyed two chicken houses, a barn, a car, and a mobile home. Two persons in the mobile home were injured.
10 Miles East-Northeast of Sheridan - Grant County	12	6:00 p.	1/4	25	0	0	0	0	Tornado
									A tornado moving southeastward touched down in a sparsely populated area. Only tree damage was reported.
Near Tamo - Extreme Southeastern Jefferson County	12	6:30 p.							Funnel Cloud
									A funnel cloud moving eastward was spotted by the State Police.
3 Miles West of Dumas - Desha County	12	6:55 p.							Funnel Cloud
									A funnel cloud was reported by the public, but no direction of movement was given.
Near Point Deluce or 6 Miles Southeast of De Witt - Arkansas County	12	6:58 p. to 7:00 p.	1/4	50	0	0	3	0	Tornado/ Funnel Clouds
									A tornado moving southeastward touched down and damaged some farm outbuildings. The thunderstorm cell which produced the tornado also produced two funnel clouds near De Witt.
One-Half Mile South of Osceola - Mississippi County	12	7:40 p.			0	5	4	0	Wind
									Strong winds associated with a line of thunderstorms flipped a mobile home on its side. Five persons inside the home received minor injuries. A large chicken house was also destroyed.
Downtown Hot Springs - Garland County	20	2:55 p.			0	0	0	0	Hail
									Thunderstorms briefly produced one-inch hail. No damage was reported.
Pleasant View Addition in Western Little Rock - Pulaski County	20	4:45 p.			0	0	5	0	Lightning
									Lightning caused a fire which destroyed a home. Damage was estimated at over 55 thousand dollars.
ARKANSAS (continued)									
Camden - Ouachita County	29	Early Afternoon			0	1	0	0	Lightning
									A man was shocked by lightning while he was talking on the telephone.
5 Miles South of Searcy - White County	29	1:50 p.							Funnel Cloud
									A funnel cloud moving toward the southeast was sighted by the public.
Pine Bluff - Jefferson County	29	1:53 p. to 2:18 p.			0	0	3	0	Wind
									Thunderstorms produced winds of up to 60 mph. Two homes sustained considerable roof damage.
CALIFORNIA									
NORTHERN & CENTRAL									
NONE REPORTED									
CALIFORNIA									
SOUTHERN									
NONE REPORTED									
COLORADO									
Trinidad	02	0100-0500			0	0	3	0	Heavy Snow
									Heavy, wet snow of around 8 inches damaged trees extensively and caused power line failures.
Boulder	06	1700			0	0	4	0	Heavy Snow
									Heavy, wet snow of around 24 inches collapsed an office building and a hotel building. Many cars were abandoned in the city.
Loveland	06				0	0	4	0	Heavy Snow
									Heavy, wet snow collapsed the roof of a broom factory.
Mountains and East Foothills	06				0	0	?	0	Heavy Snow
									Near seasonal record amounts of heavy, wet snow fell in many mountain areas. Heaviest amounts fell in the northeastern mountains and foothills, with amounts as follows: Evergreen, 12 inches; Golden, 12; Estes Park, 32; Idaho Springs, 20; Buena Vista, 13; Vail, 20; Denver, 14; Colorado Springs, 20; Allenspark, 30-40; Alamosa, 13. Two to three feet of snow fell in many higher mountain areas and many roads were closed or hazardous. Generally, the storm was very beneficial due to increased water supply; but, around 10,000 trees were damaged by the snow at Colorado Springs.
Front Range--Aurora to Greeley	16	Evening			0	0	4	0	High Winds and Thunderstorms
									A severe thunderstorm hit parts of southeast Aurora. Winds of 60 to 80 mph blew down numerous fences and damaged several homes under construction. High winds tore docks loose at Cherry Creek Reservoir, sinking three or four boats and damaging about 15 others. At Stapleton International Airport in Denver, a Boeing 727 jet suffered about \$1500 damage when a runway light fell on it. A roof of a car was blown off in Brighton. Scattered wind damage occurred in Weld County; some windows were broken, sheds were blown over, and power was knocked out in some areas when trees blew down over lines.
Parker	17	1400	1/3	15	0	0	3	0	Tornado
									Two planes were damaged by a small tornado.
Kiowa County	17	1600	1/2	30	0	1	3	0	Tornado
									A tornado touched down and overturned an empty semi-truck. The driver was ejected and thrown 50 feet from the truck, suffering multiple broken bones and lacerations.
Aurora	17	1420	1/2	35	0	0	5	0	Tornado
									A small tornado touched down in south Aurora, about 10 miles south of Stapleton Airport. About 40 homes were damaged, 6 to a considerable extent. One garage was demolished and blown across the street. Parts of roofs were completely blown off. Several cases of two-by-four boards blown into sides of houses were reported.
Longmont	17	1545	1/2	15	0	0	3	0	Tornado
									A tornado touched down north of Longmont, damaging several barns.
Limon	21	1644	1	15	0	0	0	0	Tornado
									A tornado touched down in an open field, 3 miles northeast of Limon, dissipating after 5 minutes.
Alamosa County	21	1425			0	0	0	0	Funnel Cloud
									A funnel cloud was sighted and photographed 15 miles northwest of the city of Alamosa.
Parker	26	1304			2	0	0	0	Lightning
									Two children were struck and killed by lightning on a junior high school playground.
Crowley	27	1400	1/2	15	0	0	0	0	Tornado
									A tornado touched down near Crowley. No damage was reported.

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COLORADO (continued)									
Northeast Colorado	27-28				0	0	3	3	Thunderstorms, Hail
Thunderstorms hit the northeast plains at various times during the two days. Winds blew down trees and damaged a few homes. Hail caused minor crop damage in several areas.									
Weld County	30 Evening				0	0	3	0	Lightning
Lightning struck and killed a horse, valued at more than \$1000, northeast of Lucerne.									
Denver area	30 Evening				0	0	7	0	Funnel Clouds, Hail
Two funnel clouds were sighted five miles south of Stapleton International Airport; neither touched the ground. Hail up to 1-1/4 inches in diameter was reported in Wheat Ridge and northwest Denver.									
CONNECTICUT									
NONE REPORTED									
DELAWARE									
NONE REPORTED									
FLORIDA									
Santa Rosa County	1	1:35PM CST			0	0	0	0	Waterspouts
Several waterspouts were reported near Navarre Beach.									
Northern Florida Peninsula	1	Late Afternoon Evening			0	5	5	0	Severe thunderstorms.
A fast-moving line of severe thunderstorms moved through northern Florida accompanied by strong gusty winds, lightning, torrential rain in some areas, and several reports of hail. Widespread tree damage occurred, numerous power lines were blown down, and several wood fires were started by lightning. Many large trees crashed into homes and cars and fell across roads. Five persons received minor injuries. Several tornadoes were reported and are listed separately.									
<u>Alachua County</u>									
Alachua: A huge 60-foot pine tree was blown down and smashed into and through the roof of a home in the neighboring yard. A woman inside the damaged home narrowly escaped serious injury and was fortunate to receive only a bump on the head and to have her hair sprayed with broken glass. The woman has just bent over when a large limb from the felled tree crashed through the ceiling and nudged her head. An instant cooner, and the woman likely would have been seriously injured or killed.									
Melrose: A giant sweet gum tree, approximately 100 years old and of near record size for that type of tree was blown down. The tree was 17 feet in circumference and 100 feet tall.									
<u>Putnam County</u>									
A huge hickory tree was blown down onto a two-story residence in San Mateo causing extensive damage. A large tree was uprooted in Dunns Creek and fell across a mobile home. Several trees were blown down at Silver Lake, at least one of which fell on a house. Much of the storm damage occurred in West Putnam, South Putnam and the Palatka area; however, wind and lightning damage occurred throughout the county. No injuries were reported.									
Northern Florida Peninsula continued									
<u>Brevard County</u>									
Four persons were injured at a carnival in Cocoa at the Byrd Plaza parking lot, U.S. 1 and Dixon Blvd., when strong winds associated with a severe thunderstorm blew down a large tent and caused other damage estimated in excess of \$3,000.									
Alachua County	1	Late Afternoon 1/10	10	0	0	0	0	0	Tornado
A tornado which a resident of Newberry reported as sounding like a freight train going over the house, caused trees to be blown violently on the north side of his property, while trees near the house were barely moving. No injuries or damage were reported.									
Putnam County	1	Late Afternoon 1/10	10	0	0	3	0	0	Tornado
A small tornado was reported near Interlachen. Large trees were blown down, and a metal storage shed was picked up and dropped 30 feet away from its original position. No injuries were reported.									
	1	6:30PM EST	1/2	10	0	0	2	0	Tornado
A small tornado was reported at First and Alabama Avenues in Palatka causing minor damage. Residents reported hearing a roar and that the tornado bounced three times as it skipped across the area. A large cherry tree was uprooted, and part of the roof was picked up repeatedly and set down. There were no injuries.									
Duval County	1	5:10PM EST			0	0	0	0	Windstorm
Wind gusts to 53 mph and pea-sized hail were reported 10 miles west of downtown Jacksonville as a fast-moving line of thunderstorms passed over the area. No significant damage was reported.									
	1	5:55PM EST			0	0	0	0	Funnel aloft.
A funnel cloud aloft moving toward the east at 35 mph was reported over the Pablo Tower area of Jacksonville by the County Sheriff's Office.									
FLORIDA (continued)									
Palm Beach County	2	5:30PM EST	1/10	10	0	0	0	0	Tornado
A tornado moving toward the northeast was reported by Florida Fish and Game Personnel 13 to 20 miles south of South Bay. One-half inch hail was reported by the public 11 miles southeast of Belle Glade at 6:40PM EST. No damage or injuries were reported.									
Martin County	2	6:30PM EST			0	0	0	0	Hail
Hail the size of golf balls was reported in Port Salerno, and small hail fell on Hobe Sound, Palm City and areas of western Martin County during severe thunderstorms. No damage or injuries were reported.									
Northern and Central Florida	3-4	---			*	---	---	---	Severe thunderstorms, tornadoes, wind, etc.
Lines of severe thunderstorms associated with a weather frontal system swept through northern and central Florida causing a wide variety of severe weather and resulting in 3 deaths and over 100 injuries. Tornadoes, lightning, high winds, hail, heavy rain and local flooding, high tides and beach erosion, funnel clouds and waterspouts were reported. Tides along the Gulf coast were as much as 2 to 4 feet above normal. The most extensive damage occurred in the Gainesville and High Point area (Pinellas County) tornadoes. The 3 deaths and most of the injuries occurred in the High Point tornado which hit an elementary school building. Widespread damage was estimated in excess of \$8,000,000.									
Details on individual weather events are listed below.									
Escambia County	3	11:25AM CST			0	0	0	0	Funnel aloft.
A funnel cloud aloft was reported over northwest Pensacola by the State Highway Patrol. The funnel cloud was moving toward the northeast at 40 mph.									
Ocala County	3	11:30AM CST	1/10	10	0	0	4	0	Tornado, severe thunderstorms
The County Sheriff's Department reported that a tornado touched down in a wooded area south of Darcas. Damage was limited to trees. Miscellaneous wind and lightning damage was reported throughout the county as a line of severe thunderstorms moved through. Some local street and highway flooding was reported due to heavy rains. Up to 7 inches of rain was reported in the Fort Walton Beach area, including nearly 4 inches that fell in 45 minutes. No injuries were reported.									
Escambia County	3	Early Afternoon			0	0	0	0	Funnel aloft.
A funnel cloud aloft was reported near Pensacola.									
Ocala County	3	Unknown			0	0	0	0	Funnel aloft.
A funnel cloud aloft was reported west of Eglin Air Force Base.									
	3	Unknown			0	0	0	0	Waterspouts
Waterspouts were reported south of Destin and off the Okaloosa Island Pier.									
Clay County	3	6:43AM EST	1/10	10	0	0	3	0	Tornado
The Clay County Sheriff's Office reported a tornado on the ground near Middleburg causing damage to trees only. The tornado was moving northeastward about 40 mph. There were no injuries.									
Duval County	3	6:45PM EST	1/10	10	0	0	5	0	Tornado
A tornado at Whitehouse moving northeastward about 40 mph caused \$50,000 damage to homes. Several persons reported hearing sounds like a train or an airplane. A number of trees were blown down, some falling on parked cars, and several trailers were overturned. Marble-sized hail fell. There were no injuries.									
Bradford County	4	2:10AM EST	1/10	15	0	0	0	0	Tornado
A tornado moving eastward at 40 mph was reported by the public in an open field in east-central Bradford County between Raiford Prison and Starke. No damage or injuries.									
Dixie County	4	4:30AM to 5 AM EST	1/10	15	0	0	4	0	Tornado
A tornado was reported near the mouth of the Suwanee River. A boatshed was destroyed and trees were blown down, some falling across trailers. One resident reported hearing a loud roaring noise. There were no injuries.									

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FLORIDA (continued)									
Alachua County	4	5:30AM EST	12	300	0	4	6	0	Tornado
<p>A tornado touched down 8 miles southwest of Gainesville near daybreak, moved northeastward across the western part of Gainesville to the northern edge of the city, a total distance of 12 miles. Widespread damage, most of which was in Gainesville, occurred along the tornado path. Several residents saw a funnel, and there were numerous reports of a loud, raring noise. Before reaching Gainesville, tornado damage was mainly to trees and several mobile homes. Damage in southwest and west Gainesville was widespread including mobile homes, conventional homes, some commercial buildings, numerous trees and downed power lines. Four of the five transmitting towers of the University of Florida radio station, WRUF, were blown down, including its 1,000 foot tower. Trees, limbs, debris and power lines littered the streets, and residents were urged to stay in their homes. Several of the city's main thoroughfares were closed to all but emergency traffic. Classes were cancelled for the day at all public schools and at the University of Florida, in order to keep traffic off the streets. 40% of the city was without electricity. Miraculously, there was no loss of life. There were at least 4 minor injuries (probably many more unreported minor cuts and bruises). Total damage was estimated at approximately \$5,000,000. Civil Defense reported that 5 houses and 12 mobile homes were destroyed, and that 300 houses and 150 mobile homes sustained varying degrees of damage.</p>									
Duval County	4	5:35AM EST			0	0	0	0	Funnel Aloft
<p>A funnel cloud aloft was observed in western Duval County north of Cecil Field. No injuries or damage.</p>									
St. Johns County	4	5:55AM EST			0	0	0	0	Funnel aloft
<p>A funnel cloud aloft was reported 9 miles north of St. Augustine moving east 40 mph. No injuries or damage.</p>									
	4	8:00AM EST	1 1/10	15	0	0	4	0	Tornado
<p>Civil Defense reported that a tornado touched down in the White Castle area north of St. Augustine damaging 2 mobile homes and other structures. No injuries. Damage was estimated at \$9,000.</p>									
	4	10:00AM EST	2/10	10	0	0	3	0	Tornado-Waterspout
<p>A small tornado touched down near South Ponte Vedra and moved offshore over the Atlantic Ocean. Damage was minor - a fence destroyed; however, a nearby resident said that it sounded like a freight train. No injuries.</p>									
Pasco County	4	10:45AM EST	1/10	15	0	0	3	0	Tornado
<p>A small tornado touched down briefly in San Antonio accompanied by driving rain. There were no injuries or serious property damage reported. Tree limbs were strewn around the Rosewood Manor subdivision. A St. Leo police officer saw the tornado and observed that it set up a circular motion in a field of trees near the houses and scattered limbs all around.</p>									
Pinellas County	4	10:47AM EST	1 1/2	200	3	94	6	0	Tornado
<p>A tornado struck the High Point section in northeastern Pinellas County resulting in 3 deaths, at least 94 injuries, and over \$3,000,000 damage. The tornado hit the High Point Elementary School completely destroying 6 rooms and damaging others, leaving scores of students and teachers buried under debris. One said that it sounded like an express train. The 3 deaths and most of the injuries were students at the High Point Elementary School. The tornado moved northeastward 80 mph and left a path of damage about 1.2 to 1.5 miles long and a maximum of 400 yards wide. The tornado roared through the west wing of the High Point School while many of the students were in the cafeteria on the opposite side of the school. If it had not been for this, the death and injury list quite likely would have been much higher.</p> <p>Apparently, the tornado first touched down about 300 yards southwest of the High Point Elementary School. Witnesses reported that a three-quarter ton pickup truck was hurled some 40 feet into the air and landed on top of another vehicle. The next area hit was a trailer park across the street from the elementary school where 5 trailers were destroyed and at least 10 others damaged; however, no one was seriously injured.</p> <p>A breakdown of damage estimates according to Civil Defense officials included: \$3,000,000 structural damage to the High Point Elementary School, its bus garage and maintenance facilities; 5 mobile homes totally destroyed, \$62,500; 10 mobile homes sustained major damage, \$25,000; 52 mobile homes and private homes sustained minor damage, \$50,000; damage incurred by the Florida Power Company and General Telephone \$175,000; debris clearance, upwards of \$50,000.</p>									
Manatee County	4	11:15AM EST			0	0	0	0	Waterspout
<p>A waterspout was reported near Anna Maria Key.</p>									
Hernando County	4	11:15AM EST			0	0	0	0	Funnel aloft.
<p>A funnel cloud aloft was reported about 5 miles northwest of Richloam. No damage or injuries.</p>									

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FLORIDA (continued)									
Putnam County	4	Morning	1/10	15	0	0	3	0	Tornado
<p>A small tornado touched down briefly near Crescent City uprooting several large oak trees, one of which fell onto a parked car causing extensive damage. One witness said the tornado made a high whirling sound. No injuries.</p>									
Flagler County	4	Unknown			0	0	0	0	Funnel aloft.
<p>A funnel cloud aloft was reported near Bunnell.</p>									
Indian River County	4	12:30PM EST			0	0	0	0	Waterspout
<p>A waterspout was reported by a pilot near Vero Beach.</p>									
Manatee County	4	1:00PM to 1:30PM EST			0	0	0	0	Funnels aloft
<p>Several funnel clouds aloft were reported near Myakka City. No damage or injuries.</p>									
Hardee County	4	1:30PM EST			0	0	3	5	Funnel aloft, Severe Thunderstorm.
<p>A funnel cloud aloft was reported 10 miles southwest of Wachula moving northeastward at 30 mph. No damage or injuries from the funnel cloud. However, 16 cows were killed by lightning while they were huddled under a large oak tree during a severe thunderstorm. The cucumber crop sustained considerable damage by heavy rain and wind.</p>									
Polk County	4	1:45PM EST			0	0	0	0	Funnel aloft
<p>A funnel cloud aloft was reported 1 1/2 miles east of Lakeland.</p>									
Charlotte County	4	Early Afternoon			0	0	0	0	Funnel aloft
<p>A funnel cloud aloft was reported near Port Charlotte.</p>									
St. Lucie County	4	Early Afternoon			0	0	0	0	Funnel aloft
<p>A funnel cloud aloft was reported over the southwest portion of St. Lucie County.</p>									
Osceola County	4	2:50PM EST	1/10	15	0	1	4	0	Tornado
<p>A tornado touched down briefly 6 miles north of Meansville. One injury was reported when a large truck-trailer rig was blown over and wrecked. Also, the porch of an uninhabited home was destroyed.</p>									
Sarasota County	4	Afternoon			0	0	5	0	Severe thunderstorms, wind.
<p>A line of severe thunderstorms accompanied by strong winds moved through the area causing considerable property damage. Wind-whipped high tides flooded low-lying areas along the coast. Water as deep as 2 feet swept across a road on Siesta Key, and beach erosion was reported in a number of places. Venice was the hardest hit area with winds up to 70 mph and thousands of dollars worth of property damage. Long-time residents called it the worst storm in years. In addition to damaged homes, businesses, and mobile homes, power lines were blown down and tree damage was widespread. A small airplane was flipped over, and a large DC-4 was turned 180 degrees by the wind. A number of boats were torn from their moorings. The brunt of the storm moved through the area between 1 PM and 4 PM EST. No injuries were reported.</p>									
Highlands County	4	2:20PM EST	1/2	50	0	2	6	0	Tornado
<p>A tornado moving northeastward 30 mph touched down at the Sebring Airport destroying several hangars and the administration building. About 30 airplanes parked at the airport were damaged. Miscellaneous damage included power lines blown down, the ticket gate at the airport entrance leveled, and facilities at the racing track (airport) damaged. Total damage was estimated at \$930,000. Also, there was widespread tree damage in the area. Witnesses reported that the tornado looked like a big brown funnel and very dusty at its base. Objects could be seen spinning around inside the funnel. One witness reported that the walls of a nearby hangar kept moving, and the building appeared to be breaking. The damage path reportedly was several hundred feet wide. There were no deaths and only 2 minor injuries reported. One of the injured was swept 15 feet into the air by the tornado. After hitting the ground, he held onto weeds and was aware of debris skimming above him. At one time, an oil drum rolled over him as pieces of sheet metal whirled by just over his head. Just as he felt out of danger, a rolling tire hit him in the mouth and broke his dentures.</p>									
	4	Afternoon	1/10	20	0	0	4	0	Tornado
<p>A tornado dipped down briefly heavily damaging 3 mobile homes at the edge of DeSoto City. Wires, utility poles and trees were down all over the community. Damage to the mobile homes was estimated at more than \$10,000. There were no injuries.</p>									
Palm Beach County	4	6:46PM EST			0	0	0	0	Waterspout
<p>A waterspout was reported about 12 miles east-southeast of Delray Beach.</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	
FLORIDA (continued)									
Dade County	5	4:30AM to 6:30AM EST			0	0	5	0	Severe thunderstorms, winds
									A line of severe thunderstorms moved through the area causing extensive tree damage and power line damage. A number of trees fell onto parked cars. (This has associated with the same frontal system that moved through northern and central Florida the day before producing numerous tornadoes, leaving 3 dead, over 100 injured, and more than \$8,000,000 in damage). The hardest-hit areas in Dade County were Coconut Grove, Coral Gables, Kendall and South Miami. More than 75 power lines were broken by falling tree limbs and flying debris. Wind gusts to 56 mph were recorded at the National Hurricane Center in Coral Gables. No injuries were reported.
Broward County	10	4:00PM EST			0	0	0	0	Funnel aloft
									A funnel cloud aloft was reported by a pilot about 35 miles west of Hollywood.
Monroe County	11	8:26AM EST			0	0	0	0	Waterspout
									A waterspout was observed near Key West International Airport.
	11	5:52PM EST			0	0	0	0	Waterspout
									A waterspout was observed 6 miles northeast of Key West International Airport.
Dade County	12	7:45AM EST			0	0	0	0	Waterspout
									A waterspout was reported 6 miles southeast of Miami.
Monroe County	12	8:17AM EST			0	0	0	0	Waterspout
									A waterspout drifting slowly westward was sighted 3 miles south-southeast of Key West International Airport.
Walton County	13	4:45AM CST	1/10	15	0	0	3	0	Tornado
									A tornado touched down briefly in the Liberty community during a severe thunderstorm causing an estimated \$1,000 damage to a barn. There were no injuries to people or animals. The severe thunderstorm moved eastward damaging some pine trees on Highway 83 near Clark's Landing.
Dade County	13	12:10PM EST			0	0	0	0	Waterspout
									A waterspout was reported 6 miles southeast of Miami.
Monroe County	13	3:00PM EST			0	0	0	0	Funnel aloft.
									A funnel cloud aloft, was observed 10 miles northeast of Key West International Airport.
Palm Beach County	17	2:30PM EST	1/10	10	0	0	0	0	Tornado
									A tornado reportedly touched down briefly in an unpopulated area near Lake Okechobee about 5 miles south of Canal Point.
Okaloosa County	17	Mid-Afternoon			0	0	3	0	Funnel aloft, Severe thunderstorms
									A funnel cloud near the ground damaged tree tops and blew over a few small trees in Niceville. The funnel clouds, and locally strong winds around the country, were associated with a line of severe thunderstorms moving through the area. Small hail was reported near the coast, and up to 7 inches of rain was reported in the Crestview area. No major damages or injuries were reported.
Broward County	18	7:15AM EST			0	0	0	0	Waterspout
									A waterspout sighted over the ocean near Pompano Beach dissipated in about 10 minutes.
Dade County	18	10:00AM EST			0	0	0	0	Funnel aloft
									A funnel cloud aloft was reported 3 miles west of the Florida Turnpike near the Tamiami Trail.
Dade County	18	10:14AM EST	1/10	10	0	0	0	0	Tornado
									A brief tornado touch down was reported by the public in the Kendall Lakes area of Miami. No damage or injuries were reported.
	18	10:25AM EST			0	0	0	0	Funnel aloft.
									A funnel cloud aloft was reported by the public at Eureka Drive in south Dade County.
Broward County	18	10:43AM EST			0	0	0	0	Funnel aloft
									A funnel cloud aloft was reported near Nova University on State Road 184. Several trees were blown down. No other damage or injuries were reported.
Dade County	18	11:15AM EST			0	0	0	0	Funnel aloft.
									Three funnel clouds aloft were reported 5 miles south of Miami International Airport.

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					KILLED	INJURED	PROPERTY	CROPS	
FLORIDA (continued)									
Hillsborough County	19	2:45PM to 4:00PM EST			0	0	4	0	Severe thunderstorm, waterspout
									A severe thunderstorm moved over the Tampa area knocking down trees and power lines and damaging about 45 homes in the Interbay area. A large tree was blown over on Bayshore Blvd, crushing a mobile home and a car parked next to it. High winds also destroyed part of the roof at the Levitz Furniture warehouse on Gandy Blvd. Tree limbs and debris were scattered throughout streets and yards over the area. Wind gusts to 70 mph were recorded at Tampa International Airport at 2:59 PM EST, and small hail was reported a few minutes later. No injuries were reported.
Manatee County	20	6:15PM EST	1/10	10	0	0	3	0	Tornado
									The Coast Guard reported a waterspout on Tampa Bay just after 3PM EST between the Howard Franklin and Gandy Bridges.
Monroe County	22	6:00PM EST			0	0	0	0	Waterspout
									A tornado was reported in the eastern section of Bradenton. The only damage reported was to power lines. There were no injuries.
Monroe County	23	10:44AM EST			0	0	0	0	Waterspout
									A waterspout moving westward was observed 2 miles north of Key West International Airport.
	24	11:55AM EST			0	0	0	0	Waterspout
									A waterspout was observed 2 miles north of Key West.
	25	5:52PM EST			0	0	0	0	Waterspout
									A waterspout was reported near Key West.
Baker County	26	1:50PM EST	1/10	15	0	0	2	0	Tornado
									A tornado touched down briefly at the new State Prison complex near Ocala. The roof was blown off a trailer, but no other damage or injuries were reported.
Hillsborough County	26	6:40PM EST	1/10	15	0	0	3	0	Tornado
									A tornado touchdown was reported near Plant City by the County Sheriff's Office. One residence sustained approximately \$2,000 damage. No injuries were reported. Hail was reported in other areas of Hillsborough and Polk Counties.
Cape Coral, Lee County	27	1:00PM EST			0	1	0	0	Lightning
									A roofing company employee was injured when struck by lightning while holding a steel beam on a rooftop. The lightning bolt exited his body through his foot knocking the worker 10 feet across some scaffolding and fifteen feet to the ground. The victim sustained bruises and burns. Skies were cloudy, but no lightning had been heard prior to the accident.
Sarasota County	28	4:20PM EST	1/10	10	0	0	3	0	Tornado
									A small tornado touched down briefly at a mobile home park in Venice. Three carpools were destroyed and one roof was blown off. There were no injuries.
Monroe County	29	7:25AM EST			0	0	0	0	Waterspout
									A waterspout was observed about 28 miles south of Key West.
Dade County	29	6:20PM EST			0	0	0	0	Waterspout
									A waterspout was reported 8 miles east-northeast of Miami.
GEORGIA									
SEE END OF TABLE									
HAWAII									
3 mi. N of Wheeler AFB, Oahu	19	5:21p							Funnel cloud
5 mi. S of Keahole Airport, Hawaii	21	2:20p-2:34p							Waterspout
Kailua, Oahu	22	2p-2:40p			0	0	4	0	Thunderstorm wind
									Thunder, lightning, small hail, horizontal wind-blown rain and strong straight line east or northeast winds occurred in approximately 31 mile area along Kailua Bay. Tree branches, coconut tree fronds and few fences knocked down. Several lightweight Hobie Cats on beach blown against trees. Few roof shingles blown off homes. Maximum wind speed estimated 70 mph. This may have been first well-documented thunderstorm wind damage in Hawaii.
Few mi. N of Wheeler AFB, Oahu	29	5:50p							Funnel cloud

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					KILLED	INJURED	PROPERTY	CROPS		
IDAHO										
Rexburg, Madison County	11	4:10 p.			0	0	4	0		Wind
One wall of an apartment building under construction was blown down by strong winds.										
Butte, Franklin, and Power Counties	15	Evening			0	0	4	0		Wind
Strong winds damaged roofs and aluminum irrigation pipe in the Lost River Valley of Butte County. In Franklin County, winds damaged irrigation sprinkler pipe and freshly planted crops in the Linrose area, including 5 to 10 acres of alfalfa, were blown out. In Power County, winds blew dust including salt and fertilizer into a power station which caused transformers to short out when rain ionized the dust.										
Lewiston, Nez Perce County	21	1:17 p.			0	0	0	0		Hail
Hail three-fourths inch in diameter was reported at Lewiston Airport.										
Melrose Area, Nez Perce County	21	2:30 p.			0	0	0	4		Hail
A hailstorm destroyed 210 acres of winter wheat and damaged 300 to 400 acres of peas. Hail stones were reported to vary from golf ball to tennis ball size.										
Near Greer, Clearwater County	21	3:00 p.			0	0	5	4		Flash Flooding
A heavy thunderstorm caused flash flooding that extensively damaged a residence and a workshop in back. The house was located in a canyon along Highway 12 about one mile east of Greer. Rock and mud slides including huge boulders closed the highway for several hours. Other damage included fields washed out, clogged culverts, and embankments washed away during the heavy rains. A State Highway west of Greer sustained damage from erosion.										
ILLINOIS										
Entire State										
	12	Afternoon and evening			0	0	5	?		Windstorm, Heavy Rain, Hailstorm, Lightning
High winds accompanying thunderstorms swept through most of the state in the afternoon and evening. Lightning strikes knocked out power to thousands of residents. Hail was reported in several areas; Franklin, Cook, Will, Ogle and Champaign Counties all observed hail during this period. Golf-ball size hail was seen in Venice, St. Clair County at about 3pm, in Ogle County about 15 miles south of Rockford at 6:40pm, and at a point about 3 miles southwest of Philo in Champaign County. During the thunderstorms, wind gusts hit over 50 knots in Lowder and Louisa, Sangamon County and 56 knots at Jacksonville, Morgan County, at about 4:10pm. The high winds overturned mobile homes, downed trees, and ripped at porches, sheds and roofs across the state. Flash flooding occurred in several areas after heavy rains began, including Chicago, Jo Daviess County, Joliet in Will County, Danville in Vermillion County, and on the Spoon River at Bernadotte in Fulton County.										
Macon County	12	About 8:30pm.	8.3	700	0	3	5	?		Tornado
A tornado struck the Decatur area of Macon County, damaging a total of about 43 residences, a construction trailer, a dry milk products truck, a lumber company, a float business and a mobile home park. Damage was reported in areas southwest, northwest and north of the center of the city. Losses were the greatest along Parshing Road, between Broadway and Jasper Street. At a home in the 600 block of East Van Buren Street, a timber 8 feet long pierced the roof and bedroom ceiling. The high winds also blew off a back porch and a portion of the south wall of a home. In the Park City Mobile Home Park, there was extensive damage. Two mobile homes were battered by the fierce gusts. Another mobile home was imploded by the winds. The high winds also ripped off the roof of a dry milk products company on Pythian Avenue, after blowing 28 by 16 foot sliding metal doors off their tracks and into the building. A glassed-in back porch was smashed, as was a greenhouse. Utility poles were downed and a garage destroyed on University Avenue. On East Pierson Street, a utility shed was blown down, and a swimming pool damaged. Also hit were buildings along Wyckles and Mc Auburn Roads. Three injuries were reported. One woman was injured when her trailer overturned. Twenty stitches were taken in her arm. Another woman was hurt when an air conditioner fell on her foot, causing a sprained ankle. A man was injured as a glass door at his home shattered and cut him. Total damage was estimated at \$89,000.										
ILLINOIS (continued)										
Macoupin and Montgomery Counties	12	About 3:50pm-4:30pm.	31	700	0	1	5	?		Tornado
A tornado swept through portions of the 2 counties in the afternoon, causing damage estimated at about \$245,000 to about 35 farms. Witnesses reported the sound of a freight train and observed the tornado rising and falling 4 times in 3 minutes at one point. The tornado was photographed at least twice. It was first seen in the vicinity of Shipman in southwestern Macoupin County. It travelled to the northeast, passing just north of the center of Carlinville, and was last observed northeast of Farmersville in northern Montgomery County. One injury was reported on a farm northwest of Carlinville. A man was out on the hands as he sought shelter from the storm in an automobile parked in his garage. The high winds broke the car's windows.										
Park Forest, Cook County	13	?			0	0	0	?		Hailstorm
Hailstones 3/4 inch in diameter were reported.										
Sunnyland, Tazewell County	28	About 2:00pm.			0	0	0	?		Hailstorm
Hailstones as large as half dollars were seen during a thunderstorm.										
Cahokia, St. Clair County	28	About 3:00pm.			0	0	0	?		Hailstorm
Golf ball size hail was observed.										
INDIANA										
7 miles SW Kokomo Howard County	11	9:32 PM	-	-	0	0	?	?		Wind
State police reported strong winds damaged a house.										
3 miles south Kokomo Howard County	11	9:42 PM	-	-	0	0	0	0		Wind
50+ mph wind reported by Sheriff Department at intersection of Rt. 26 and U. S. 31.										
3 miles south Ottwell Pike County	12	9:20 PM	1 1/2	40	0	0	5	0		Tornado
A tornado moving from west to east damaged an upholstery shop, house, several garages, large cattle barn, and a chicken house. Several trees and telephone poles were downed causing electrical outages. Estimated damage was \$60,000.										
3.5 miles NE Seymour Jackson County	23	5:41 PM	-	-	0	0	0	0		Funnel clouds
Three funnel clouds were reported by the Sheriff. They all remained aloft.										
Near Cortland and Bobtown Jackson County	23	5:41 PM	1/2	20	0	0	3	0		Tornado
State police confirmed tornado touchdown damaging a barn and corn crib. Damage estimated at \$3,000. Funnel dipped down to the ground and then back up.										
3 miles north Scipio NW Jennings County	23	6:00 PM	1/2	20	0	0	3	0		Tornado
A small tornado briefly touched down blowing over trees and a trailer house.										
IOWA										
SW Corner of Winnesheo County	11	4:00 P			0	0	5	0		Heavy rains
Heavy rains of up to 5 inches caused the Turkey River and its tributaries to gush out of their banks. The town of Provitin had many flooded streets and basements and many roads and bridges were washed out.										
Carlisle Warren County	11	5:25 P			0	0	3	0		Funnel Aloft - Rain
A severe thunderstorm dumped 1 inch of rain in 20 minutes along with pea-sized hail. Shortly afterward a funnel was observed in the Southern section of the city moving Northeast. The funnel did not touch ground.										
2 E Wright Mahaska County	11	6:00 P			0	0	4	0		Lightning
A barn was destroyed by fire when struck by lightning.										
Central and Eastern Iowa	12	2-10:00 A			0	0	5	0		Wind - Heavy Rain
A deep low pressure system caused strong winds with gusts of up to 74 MPH and heavy rain caused considerable damage over much of Central and Eastern Iowa. In Ottumwa, Wapello County, plate glass windows were broken, trees were uprooted, downing many power lines and flooding many basements. In Dubuque the storm dumped nearly 4 inches of rain which overwhelmed storm sewers and flooded many houses. Fort Madison, Lee County, had many trees uprooted and power lines were downed.										
2 Miles SW Harlan Shelby County	28	1:20 P			0	0	0	0		Funnel Aloft
Funnel dropped out of clouds. Lasted approximately one minute then dissipated. Funnel was moving toward the North.										
KANSAS										
NO REPORT RECEIVED										

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					KILLED	INJURED	PROPERTY	CROPS				
KENTUCKY												
BOYLE CY	23	EVE						4		SVR TSTM		
										High winds blew down 3 barns in Crantown community in western Boyle County.		
HART CY	23	EVE						5	3	SVR TSTM		
										High winds blew down 5 barns and damaged 2 houses on the Hudgins area "sometime before dark".		
PULASKI CY	23	EVE								SVR TSTM		
										High winds blew the roof off a house on RINGGOLD ROAD in the N part of Pulaski Cy.		
DAVIESS CY	24	11 A CDT								SVR TSTM		
										An intense thunderstorm which dumped 4" of rain on OWENSBORO also ripped the roof off a mobile home in the small community of W. Louisville.		
CUMBERLAND CY	23	7P EDT						4		SVR TSTM		
										Extremely high winds up to 80 mph damaged 5 barns of farm homes and 80 farm buildings.		
SIMPSON CY	9	1230AM CDT						4		SVR TSTM		
										High winds badly damaged a new barn and leveled a grainery on highway 621 in North Simpson.		
TRIGG CY	12	8PM CDT	18	800	0	0	6	4		TORNADO		
										A tornado touched down at LINTON and moved ENE for 18 miles to CALEDONIA. The tornado damaged or destroyed 30 farm homes, 75 farm buildings, and 40 pieces of farm machinery.		
CHRISTIAN & TRIGG CYS	12	825PM CDT	12	800	0	17	6	4		TORNADO		
										A tornado touched down at the intersection of highways 24 and 272 and moved ENE to Hopkinsville. The tornado lifted after badly damaging a trailer court in western Hopkinsville. A total of 40 farm homes, 70 barns, 80 farm outbuildings, and many pieces of farm equipment were damaged or destroyed. Two large warehouses and a liquor store were leveled.		
TODD CY	12	8:45 PM CDT						4	3	SVR TSTM		
										High winds blew down 2 barns and a cool shed near the DAYSVILLE community.		
BUTLER	12	9:45 PM CDT	15	400	0	0	5	4		TORNADO		
										A tornado touched down 6 miles south of Morgantown near route 79 and moved ENE for a distance of 15 miles. A total of 3 farm homes one trailer, 5 barns, and numerous cars and tractors were damaged or destroyed.		
LOUISIANA										NO REPORT RECEIVED		
MAINE												
Mexico, Oxford County	6	12:15 PM	0.1	10	0	0	2	0		Tornado Touchdown		
										Whirling type storm lifted garage roof, pelted house with small stones, shook house. Broke out large patio glass door, twisting slide. Tore wrought iron rail from cement foundation, and stripped clothing from line, leaving it high in trees.		
Stockton Springs, Waldo County	10	2:15 pm	-	-	0	2	4	0		Lightning		
										Ball lightning struck a residence severely damaging the structure and destroying furnishings and appliances. Shattered 25' of water main. Two persons slightly injured.		
Southern	21	10a-3 pm	-	-	0	0	4	0		High winds		
										A cold front swept across the state causing high winds estimated at more than 50 mph causing widespread wind damage. At Sebago Lake, a dock destroyed by gusty winds. Decker, heavy tree damage caused power outages and minor structural damage. Farmington, camper and canoe hurled through the air and destroyed.		
MARYLAND & D.C.												
North Central	9	Late Afternoon						0	0	4	0	Wind, Rain
												Thunderstorm associated with approaching cold front brought wind gusts to around 55 mph. In Eldersburg, Carroll County, workers narrowly escaped injury when two walls and scaffolding of building under construction collapsed. Wind also caused minor damage to nearby shopping center roof. In Aberdeen, Harford County, water covered some low-lying streets and yards for a time as nearby small stream overflowed its banks.
MASSACHUSETTS												NONE REPORTED
MICHIGAN												
1 East Romulus Wayne	9	Afternoon										Funnel Cloud Sighted by several weather service observers at Metropolitan Airport.
Durand, Shiawassee	9	Afternoon										Funnel Cloud Sighted by the public.
An area West of White-hall, Gaylord and On-away in Lower Michigan	11	4-5 p.m.						0	0	4		Thunderstorms Many large lightning bolts struck throughout the area. A two story shed was hit and set afire near East Jordan destroying a tractor and tools inside. A mobile home was hit and engulfed in flames near Cheboygan and several trees some as large as a foot across were split in two, one had large sections of bark blown off. Strong winds blew down trees and stripped shingles off roofs in Mears and damaged the ceiling of a lumber company show room in Cheboygan.
1 1/2 NW Holland, Ottawa	13	1:15 p.m.	1/10	20	0	0	1					Tornado Touched down briefly at 144th Avenue and James Street overturning a dog kennel. The tornado was seen by a pilot flying in the area, and by three other residents.
Muskegon, Muskegon	13	1:48 p.m.										Funnel Cloud Sighted by the public near Scenic and Memorial moving towards the northwest.
4 NW Saline, Wash-tenaw	13	3:25 p.m.	3/4	50	0	0	2					Tornado Touched down just east of Alber and Lindemann roads knocking trees down across Alber road. It then moved NW to the Alber Pleasant Lake Road intersection where it blew the doors off a barn and knocked the barn owner to the ground. Another resident observed the tornado create a 20 to 30 foot column of water as it passed over a small pond. It lifted just north of Pleasant Lake road. The tornado was sighted by numerous other people including a pilot aloft and the personnel of the control tower at Ann Arbor Airport.
8 S Ypsilanti Washtenaw	13	4:43 p.m.										Funnel Cloud Sighted by the public.
3 East Walled Lake, Oakland	13	4-4:30p						3				Funnel Cloud First sighted by the public 3 miles east of Walled Lake moving north. Last sighting occurred at 4:22 p.m. at the Oakland Pontiac Airport by a pilot in the ground.
Harrison, Clare	20	8:00 a.m.						0	2	0		Lightning Two men hit by lightning at the Harrison Fair Grounds while handling metal fence poles.
3 N Otsego, Allegan to 4 NNE Plainwell	20	11:45 a.m.	3 1/2	100	0	0	4					Tornado Touched down near the intersection of 16th street and 11th Ave. destroying a barn, garage, and a shed. It then moved Eastward knocking down trees and blocking 10th street before lifting just west of the Pen Central Railroad Tracks.
1 1/2 SE Tompkins center Jackson	20	1:15 p.m.	3/4	70	0	0	2					Tornado Touched down briefly east of Ford Road stripping branches from trees and blowing down a shortwave radio antenna. One local resident was splattered with mud when the tornado passed between him and his mobile home.
Emmet, St. Clair	20	8:15 p.m.										Funnel Cloud Reported by the public.
Smith Creek, St. Clair	20	8:25 p.m.										Funnel Cloud Reported by the public.
All of Upper Michigan and an area northeast of Ludington and Adrian in Lower MI.	30	29 Night 30 Morning and Afternoon						0	0	4		Thunderstorms A series of storms moved through the area blowing down trees and causing scattered power and telephone outages. Strong winds blow over large pine trees and two small green houses in Kingsford, just south of Iron Mountain and unroofed a barn and a Chicken coop near Pigeon in the thumb area. Many tree limbs and power lines were snapped in the Bay City area. Lightning caused fires damaged two homes and a garage in Bay City, a business building in Grayling and two more homes in Maybee, MI northwest of Monroe. Approximately 4,000 homes and business suffered power outages. The following reports are part of these storms.
4 W Rogers City Presque Isle	30	1 PM										Funnel Cloud Sighted by an employee of a radio station.

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					KILLED	INJURED	PROPERTY	CROPS	
MISSISSIPPI (continued)									
North half of state	12	7:30-11p			0	4	6	4	Thunderstorms, high winds
<p>A large area of developing thunders crossed northern Mississippi in the evening bringing high winds and damage to many locations. Heavy rain and small hail were present also but most of the damage was from high winds. The north-south extent of the swath of weather stretched from Tunica to Humphreys County in the west and from Tishomingo to Lowndes County in the east. Wind gusts of 50 MPH were reported at Cleveland (west) and gusts of 100 MPH at Columbus (east). Much of the damage was to towers, small buildings, roofs, carports, mobile homes and tree limbs. Power outages were caused by limbs and trees falling on power lines. Much damage occurred as winds gusting to near 100 MPH hit the city of Columbus and 4 injuries were reported as a tree fell on an automobile. A 525 ft. transmitter tower was only one of many structural casualties.</p>									
Coahoma, Quitman, & Panola Counties	12	8:35-10p	35	150	0	0	5	1	Tornado
<p>The first touchdown was just west of Jonesboro in Coahoma County and that town suffered damage to its business district. The tornado was not always in contact with the ground but the next damage along the path was at route 49 about 2 miles north of Marks in Quitman County where two trailers were demolished and a building damaged. Batesville and vicinity in Panola County was next and two trailers were destroyed 8 miles west of town and then in northwest Hatesville itself here homes were damaged and trees downed before the tornado ended just northeast of town.</p>									
Pontotoc and Lee Counties	12	10:25-11p	15	220	0	18	7	1	Tornado
<p>The tornado began near the center of Pontotoc County and destroyed two barns and damaged two houses before crossing into Lee County and hitting the city of Tupelo. Tremendous damage was done in Tupelo, mainly at the Tupelo Mall where several stores were severely damaged and one large store half destroyed. Eighteen people were injured. Several homes were damaged considerably and many trees were downed. Power and telephone failure were the result of trees and limbs knocking down lines. The tornado apparently ended in the Tupelo area.</p>									
Hancock County	27	3p			0	0	4	0	Thunderstorm, high winds, hail
<p>High winds damaged 2 or 3 mobile homes in Hectown Community in the northeast part of the county. Hail one inch in diameter was reported.</p>									
MISSOURI									
Jasper, Newton, and Lawrence Counties	1	8:40 am-10 am	?	?	0	0	5	0	Wind
<p>Wind gusts up to 60 mph in rainstorms associated with low pressure in north central Texas played havoc in the southwest corner of the state. Trees were toppled, many falling on power and telephone lines, interrupting service, others falling on cars and houses. Signs were blown down, roofs blown off some buildings, and several large plate glass windows blown out in downtown Joplin. The wind picked up that from piles west of Joplin and whipped it through the southwest section of the city where windows at St. John's Medical Center were broken and the windows of at least 47 cars in the parking lot were shattered.</p>									
Southeast Butler and South Dunklin Counties	3	mng.	?	?	0	0	4	0	Wind
<p>Wind gusts up to 60 mph in a thunderstorm damaged trees and out-buildings in the Senath area in Dunklin county. In one case, a huge tree fell onto and demolished a carport at the Phil Miller residence, and at the Dennis Autry farm, a tractor shed was destroyed. In Butler county, around 4 tool sheds were blown down.</p>									
Christian, Greene, Lawrence, Stone, and Taney Counties	7	5-7 pm	?	?	0	0	4	0	Severe Thunderstorms
<p>Thunderstorms with hail, very heavy rain, and damaging winds visited southwest Missouri for the second consecutive Sunday, causing widespread flooding in south Springfield and Battlefield. Greene county civil defense units evacuated people from their homes and dug ditches to divert rainwater from the residential areas. Trees were downed and power was cut off in Galena and Aurora. Several homes suffered roof damage. A park ranger reported golfball-size hail in Roaring River State Park.</p>									
Cass, Johnson, Pettis, and North Morgan Counties	11	npt.	?	?	0	0	4	0	Severe Thunderstorm
<p>A severe thunderstorm moved eastward from east central Kansas into west central Missouri, depositing up to golfball-size hail in several locations. Windows were broken, and autos, roofs, and siding on houses were damaged. Near Sedalia, Rod Beamish picked up hailstones up to 3/8 inches long. Wind blew down trees, equipment sheds, and a barn. Near Sedalia, an unoccupied mobile home was overturned, breaking off a light pole and landing on top of a propane tank. North of Stover, flash flooding washed out county roads.</p>									
MISSOURI (continued)									
Most of the state except extreme southeast	12	all day	?	?	0	3	6	0	Severe Thunderstorms
<p>Strong thunderstorms with high winds and hail moved across the state during the day, causing widespread damage. Wind ripped roofs off buildings and demolished others. Many trees were downed, falling onto power and telephone lines, cars, and buildings. High winds swept a tractor trailer truck off I-44 west of Lebanon in Laclede county. Mobile homes and trailers were blown off their foundations and turned over. A horse was killed in Brookfield in Linn county when winds ripped the roof from a pole barn, pinning the horse beneath it. Heavy damage occurred at the Don Roth farm north of Bloomsdale in Ste. Genevieve county. The wind demolished about 3 acres of timber on the 80 acre farm, uprooting and tearing tops out of trees. A long 36 x 34' chicken house containing about 15,000 chickens was flattened. The wind apparently picked up the long building, moved it over a few feet, and smashed it back down again. The chickens were contained in wire cages stacked on top of one another. The birds in the bottom cages were pushed down by the weight of the building and killed. About 80% of the birds were saved. Hail over an inch in diameter broke out 88 windows along the west side of the Shelbina Junior High School in Shelby county. In Washington in Warren county, golfball-size hail heavily damaged autos, windows, roofs, siding, and other house trim. Several car dealers in the town reported heavy damage to most of their cars. Three members of the Gucciardo family in northern St. Francois county were injured when the high winds rolled their mobile home down a hill, completely demolishing it. All three were hospitalized. In Callaway county, Fulton had its most extensive flash flooding in 20 years. Water from overflowing creeks took its toll in residents' basements, standing as high as six feet in some.</p>									
Polk County	12	1 pm	4	100	0	0	4	0	Tornado
<p>A small tornado touched down 4 miles west of Humansville and again on the west edge of Humansville. Numerous farm buildings were destroyed 3 miles west of Humansville, and a mobile home was overturned on the west edge of town. A tree was felled across a vacant bus at the Lynda Beatty residence just before the tornado lifted and passed over the city. No injuries were reported, although Mrs. Beatty and two other occupants were inside their mobile home when it overturned.</p>									
Pulaski County	12	2:15-3 pm	22	400	0	4	6	0	Tornado
<p>The tornado touched down just south of Crocker and moved northeast to Dixon and into Phelps county. It traveled mostly aloft and touched down at certain points. The first damage reported was 6 miles east of Crocker on Highway 11. There, a small house blew down around its 2 occupants, and the pair managed to crawl from the destroyed structure through a window. Two cars at the house were also destroyed. The tornado continued its northeasterly direction, flattening barns, tearing roofs off buildings, knocking down trees, turning over a camper trailer, and destroying several houses. The heaviest damage occurred at the Arnold Bassett trailer court 3 miles south of Dixon. There, 16 mobile homes were destroyed or heavily damaged, and a large block building was destroyed. Four persons were injured, two treated at a hospital. The last damage reported was in the Franks area where a porch and storage sheds were destroyed at three different homes.</p>									
Salem, Dent County	12	3 pm	.1	10	0	0	4	0	Tornado
<p>A tornado dipped down briefly at the William Farmer home 4 miles north of Salem on Highway 68. Mr. Farmer was in his living room when he saw a funnel cloud approaching his house from the south. As he watched, the cloud circled around the house and suddenly dipped down from the clouds on the west side of the house. A large thermo-pane window was sent flying through the house, and a 12 x 20' covered patio which adjoined the west end of the house was completely destroyed. The tornado then made a quick slash through the nearby woods, uprooting several trees before ascending back into the clouds. Glass was scattered all over the house. The dining table and cabinets were scratched, and chairs were covered with cuts and slashes. Mrs. Farmer said that when she opened the refrigerator after the storm, she found a large piece of glass sitting inside on a shelf, apparently blown into the refrigerator through the crack in the door without shattering. A large rubber plant in the living room was sucked through the door crack by the tornado.</p>									
Florissant, St. Louis County	12	3:05 pm	.5	50	0	0	5	0	Tornado
<p>A tree-top tornado damaged seven houses and the roofs of two buildings in the Villa Del Cresta apartment complex. Felled trees, in turn, damaged several autos and houses and knocked out power.</p>									
Festus and Crystal City, Jefferson County	12	5 pm	4	200	0	0	5	0	Tornado
<p>A tornado traveling east northeast at tree-top level first damaged the Westowne Trailer Court in Festus, moving one mobile home 10 feet from its supports, tearing off roofs, breaking 53 windows, tearing apart metal sheds, and bending and ripping gas lights from the ground. It then moved over Main St., uprooting trees, breaking windows, bending TV and CB antennas, and tearing off roofs. A Kentucky Fried Chicken sign was smashed into Westowne Styling Center. The last sign of damage was at Hug's Landing in Crystal City where several windows were broken at the water treatment plant and extensive damage was done to the dog pound next door.</p>									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1978

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM	
					KILLED	INURED	PROPERTY	CROPS		
MISSOURI (continued)										
Jamesport, Daviess County	12	5:20 pm	1	100	0	1	5	0	Tornado	
Several residents said they observed a tornado touch the ground on the western edge of Jamesport. The path of destruction lay in a straight line through the town. The most serious damage happened in a four block wide section at the center of town. The top of a 30,000 bushel grain bin belonging to Walker's Farm Service, Inc. was blown off and the structure was caved in. The bin was blown partly off its foundation, spilling much of the 3500 bushels of milo inside. Two businesses suffered heavy damage, several storage sheds and farm buildings were destroyed or damaged, trees were downed, and roofs were damaged. A grain bin on the Bob Broyles farm northeast of Jamesport was picked up by the wind and carried approximately a quarter mile before being set down again. Earl Wright apparently was the only injury when a small tree was pulled up near him and a small limb struck him on the head.										
Monett, Lawrence County	18	8:30 am	?	?	0	0	4	0	Lightning	
A barn at the Orbin May farm was nearly destroyed in a fire which apparently was caused by lightning.										
Lawrence and Wright Counties	20-	each day	?	?	0	0	4	3	Heavy Rain	
Excessive daily rainfall caused moderate flooding of streams, damaging small grain, early Spring hay crops, fences, reservoirs, and rural roads and bridges.										
St. Clair and Hickory Counties	22	6 pm	?	?	0	0	5	0	Wind	
High winds damaged farm buildings, roofs, and trees in the Collins area.										
Southwest Missouri	22	11:30 pm	?	?	0	0	4	0	Severe Thunderstorms	
Slow-moving thunderstorms with very heavy rain and strong winds caused much flooding in southwest Missouri. Water crept into the basements of several Buffalo homes and washed out culverts in low areas in Dallas county. Also reported under water were low-lying areas in Springfield in Greene county and Bennett Springs State Park in Laclede county. Nevada in Vernon county was hardest hit by high winds. Most every tree on the grounds of the Nevada State School and Hospital had limbs broken. Other damage there included shingles torn off the roof of the administration building, two windows broken in patient areas, trees uprooted, and a wall blown out in a garage. Part of a flat roof was blown off a house in town, and the Lyons Stadium suffered tree and fence damage. About 30 people were evacuated from residences in the neighborhood of a rampaging creek in the north section of town. A barn was destroyed and windows shattered near Republic in Greene county.										
St. Louis County	25	3 pm	?	?	1	0	3	0	Lightning	
A north St. Louis county woman was struck and killed by lightning during a storm that caused at least two fires and several power failures as it swept through the west and north sections of the St. Louis area. An elevator motor caught fire on the roof of the South Side National Bank, and several holes were burned in the roof of the National Linen Service building.										
Benton, Perry, Pettis, Macon, and Worth Counties	27	aftn.	?	?	0	0	5	3	Severe Thunderstorms	
Scattered thunderstorms over the state caused some wind and lightning damage, and heavy rains caused flash flooding. Many trees and limbs were downed, some causing power outages. In Lincoln, Benton county, a tree was blown down, striking the house and knocking the front porch down. At another residence, a tree fell on a metal utility shed. In Sedalia, Pettis county, the winds ripped apart portions of the roof of the Fectel Beverage and Sales, Inc. warehouse, and water seepage damaged some of the building's contents. A tree limb fell on a car, breaking the windshield and denting the top. Perry and Worth counties reported excessive rainfall of over three inches in a short period of time, causing erosion of freshly worked land. Lightning damaged buildings in both counties, burning a house down in Worth county.										
St. Louis County	28	11:30 am	?	?	0	1	0	0	Lightning	
A Boy Scout leader was struck by lightning as he and hundreds of Boy Scouts were putting flags on graves at the Jefferson Barracks Cemetery. Philip Giljun fell to the ground after lightning hit a tree near where he was standing.										
Miller County	28	12 pm	1	25	0	5	4	0	Tornado	
A tornado briefly touched down at "The Strip", a popular tourist attraction just south of Bagnell Dam at Lake of the Ozarks. Five persons were treated and released at Lake Ozark Clinic. All injuries were minor and were caused by flying glass. Shortly before the tornado touched ground, it tipped apart a 40-foot high structure which supported four billboard-sized signs. The steel I-beams were twisted and the signs were demolished. Afterwards, the tornado tossed a camper truck with four occupants 20 feet across the street, where it landed on its side atop the hood of a parked car. Two other cars were picked up, one dropped on top of a truck and then knocked off. 26 cars were damaged by flying debris, and two gift shops were damaged.										
Cape Girardeau, Dunklin, Phelps, and Marion Counties	28	aftn. &	?	?	0	1	4	0	Severe Thunderstorms	
Trees and limbs were downed, causing power outages in scattered thunderstorms over the eastern half of Missouri. Employees of the Missuri Division of Geology and Land Survey in Rolla, Phelps county, had to clear away debris and dry documents, after part of the warehouse roof was blown away. In Malden, Dunklin county, a man was injured when part of a tree fell on him. Several camper shells and one trailer at DePriest Campers Sales in Malden were blown onto Highway 62 and damaged.										
Penicott County	28-	aftn.	?	?	0	0	0	4	Hail	
Hailstorms both days did extensive damage to crops.										
MONTANA										
Southeast	18-					0	0	7	?	Flooding - Unusually heavy rains three to six inches fell in Southeast portions causing rivers and streams to spill out of their banks. Many homes and highways were flooded. Several thousand persons were evacuated from Crow Agency, Hardin and Lodge Grass.
NEBRASKA										
Southwest Nebraska	6	Morning to Evening				0	0	0	0	Snow
Late season snow brought up to 3 inches at Kimball with more unofficially in unpopulated areas.										
Box Butte County	10	5:35 PM				0	0	3	0	Damaging Winds
Winds gusted to 75 m.p.h. at Alliance causing minor damage during a thunderstorm.										
Buffalo County	11	1:00 AM				0	1	4	2	Damaging Winds
Winds in thunderstorm gusted to 61 m.p.h. blowing over two house trailers 3 miles east of Kearney injuring 1 occupant. Windows, trees and a billboard damaged in the area.										
Eastern Nebraska	12	Midday to Evening				0	0	5	0	Damaging Winds
Strong winds behind cold front gusted to 55-65 m.p.h., damaging trees, buildings and causing power interruptions. Drive-in theater screen at Fremont was blown down along with a building under construction at Grand Island.										
Keith County	17	4:45 PM				0	0	3	0	Lightning
Lightning struck and damaged car crossing at Kingsley Dam north of Ogallala.										
Clay County	19	1:15 PM				0	0	3	3	Hail
Hail one inch in diameter fell in the vicinity of Glenville.										
Douglas County	19	3:35 PM				0	0	3	0	Damaging Winds
Winds in thunderstorm gusting to near 60 m.p.h. blew down trees and caused four major power outages in Omaha.										
Clay County	19	3:45 PM				0	0	3	3	Hail
Hail one inch in diameter fell 3 miles southeast of Fairfield.										
Perkins County	22	12:10 PM				0	0	0	0	Funnel Cloud
Funnel cloud reported 10 miles north of Grant.										
Perkins County	23	9:25 PM				0	0	0	0	Funnel Cloud
Funnel cloud reported south of Brandon.										
Custer County	23	11:15 PM				0	0	4	4	Hail
Hail 1 and 3/4 inches in diameter was reported west of Broken Bow damaging crops.										
Lincoln County	24	6:30 PM				0	0	0	3	Hail
Hail one inch in diameter fell in open country 15 miles southwest of North Platte.										
Cherry County	24	6:45 PM				0	0	3	0	Damaging Winds
Winds gusting to 61 m.p.h. in a thunderstorm near Valentine caused minor damage.										
Lincoln County	24	7:35 PM				0	0	5	0	Damaging Winds
Winds gusting 50 to 60 m.p.h. in thunderstorms blew roof off of a motel in North Platte, damaging cars in motel parking lot. Other cars in town sustained damage from fallen trees. Utilities also damaged in area.										

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					KILLED	INJURED	PROPERTY	CROPS	
NEBRASKA (continued)									
Gosper County	24	9:05 PM			0	0	0	0	Funnel Cloud
			Funnel cloud reported near Smithfield.						
Custer County	24	10:15 PM			0	0	0	0	Tornado
			A small tornado touched down briefly 1 1/2 mile west of Oconto. No damage.						
Sherman County	24	Late Evening			0	0	3	0	Lightning
			Eight head of cattle were struck and killed by lightning on a farm southeast of Loup City.						
Chase County	26	7:10 PM	Short	Narrow	0	0	0	4	Tornado and Hail
			A tornado touched down 10 miles west and 7 miles north of Imperial causing no damage. Hail caused damage to wheat in the area.						
Dundy County	26	7:45 PM	1	10	0	0	4	0	Tornado
			Tornado struck farms in northern Dundy County damaging center pivot irrigator and grain bins.						
Hitchcock County	26	8:10 PM	2	10	0	0	5	3	Tornado
			Tornado touched down in Palisade area damaging grain elevator in town and utilities. Farm southwest of town had windows blown out, trees downed and garage taved in. Grain storage bins also destroyed. Airplane damaged at airport.						
Hitchcock County	26	8:35 PM			0	0	0	0	Tornado
			Tornado touched down briefly in open country 7 miles north of Stratton causing no damage.						
Dawson County	26	9:30 PM			0	0	3	0	Damaging Winds
			Strong winds in thunderstorms downed trees and power lines in Gothenburg and destroyed a farm building near Willow Island.						
Merrick County	27	Early Morning			0	0	3	0	Damaging Winds
			Strong winds with thunderstorms damaged two store fronts in Palmer.						
Keith County	27	5:30 PM			0	0	0	0	Tornado
			Tornado touched down briefly 3 miles south of Brule causing no damage.						
Deuel County	27	5:50 PM			0	0	3	0	Damaging Winds
			Winds gusting to 80 m.p.h. were reported in the area 10 to 15 miles northwest of Big Springs during thunderstorms.						
Keith County	27	6:15 PM	1	20	0	0	5	3	Tornado
			Tornado touched down on farmstead 7 miles southeast of Ogallala destroying barn, fences, killing 8 hogs and uprooting trees.						
Lincoln County	27	8:00 PM			0	0	3	4	Hail
			One and a half inch hail fell in the area of Lake Maloney south of North Platte.						
Gosper and Furnas Counties	27	8:30 PM			0	0	4	0	Damaging Winds
			Thunderstorms produced 55 to 65 m.p.h. gusts uprooting trees. Outbuildings and fences were damaged on a farm near Cambridge.						
Keya Paha County	28	2:50 PM	5	20	0	0	0	0	Tornado
			Tornado touched down 5 miles northeast of Springview and moved northeast in open country. No damage.						
Keya Paha County	28	2:55 PM			0	0	3	5	Hail
			One and a half inch hail fell in an area 5 miles northeast of Springview accumulating to 3 inches in depth. Crops damaged.						
Loup County	28	4:55 PM 3/4 -5:15 PM	20	0	0	0	0	0	Tornado
			Tornado reported approximately 20 miles north of Taylor in open country. No damage reported.						
Rock County	28	5:30 PM -5:45 PM	1	20	0	0	0	0	Tornado
			Tornado touched down at brief intervals on Buell Ranch south of Bassett. No damage.						
NEBRASKA (continued)									
Douglas County	28	7:55 PM -8:15 PM			0	0	0	0	Funnel Clouds
			Funnel clouds were sighted just south of Bellevue and over the north side of Omaha.						
Cuming County	28	8:00 PM			0	0	0	0	Funnel Cloud
			Funnel cloud was reported in the area of West Point.						
Thurston County	28	8:50 PM			0	0	0	0	Tornado
			Tornado touched down briefly in the vicinity causing no damage.						
Cheyenne County	28	Evening			0	0	0	5	Hail
			Hail caused extensive damage to wheat in a swath 1 mile north and 2 miles west of Potter to 4 miles east of Potter. Hail piled into four foot drifts.						
Kimball County	29	Late Evening			0	0	3	0	Lightning
			Lightning struck and damaged home a half mile southeast of Kimball						
Rock County	30	10:30 AM			1	0	0	0	Lightning
			Lightning struck and killed rancher on Buell Ranch east of Rose.						
Fillmore County	30	4:25 PM	4	30	0	0	5	4	Tornado
			Tornado touched down 1 1/2 miles south of Eyster and moved southeast damaging barns, storage bins, outbuildings and fences on 8 farmsteads. Trees were uprooted and utilities damaged.						
York, Fillmore and Saline Counties	30	4:25 PM			0	0	5	6	Hail
			Hail caused extensive damage to crops, trees, buildings and cars in a 1 mile wide swath from McCool Junction to east of Eyster. Hail stones up to 2 inches in diameter.						
Seward County	30	4:30 PM			0	0	0	0	Funnel Cloud
			Funnel cloud was sighted briefly near Cordova.						
Saline County	30	5:30 PM	1	20	0	0	4	3	Tornado
			Tornado touched down 3 miles east and 4 miles south of Friend on two farmsteads damaging buildings and uprooting trees.						
Thayer County	30	6:00 PM 3/4	20	0	0	4	3	3	Tornado
			Tornado touched down 4 miles south and 2 miles east of Davenport damaging outbuildings and a center pivot irrigation system on 2 farms and uprooted trees.						
Thayer County	30	6:00 PM	1	20	0	0	4	3	Tornado
			Tornado touched down 2 miles west and a half mile south of Belvedere damaging 18 utility poles and outbuildings on a number of farms. Trees also uprooted.						
Thayer and Nickolls Counties	30	6:15 PM -7:00 PM			0	0	4	5	Hail
			One and a half inch hail fell around Davenport and east of Nelson damaging crops and cars.						
Nickolls County	30	6:15 PM			0	0	3	0	Damaging Winds
			Wind gusts to 70 m.p.h. at Superior damaged some buildings and uprooted trees.						
Gage County	30	6:20 PM	Short	Narrow	0	0	0	0	Tornado
			Tornado was reported to have touched down briefly 1 1/2 mile north of Beatrice. No damage.						
Saline, Gage, Jefferson, Johnson and Nemaha Counties	30	6:30 PM -8:00 PM			0	0	6	4	Damaging Winds
			Winds gusting to 70 to 80 m.p.h. uprooted trees, interrupted utilities, damaged farm buildings, equipment and homes. Particularly hard hit was Beatrice where aircraft were damaged at the airport and roofs were damaged.						
Cheyenne County	30	6:45 PM			0	0	0	0	Funnel Cloud
			Funnel cloud was reported southeast of Sidney.						

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					KILLED	INJURED	PROPERTY	CROPS	
NEBRASKA (continued)									
Phelps County	30-31	11:30 PM - 12:15 AM			0	0	6	7	Hail
			Hail upwards to 3 inches in diameter pounded area in and around Holdrege. Nearly all cars outside were damaged and major window damage occurred. Crop damage was extensive in the county.						
Polk County	31	Late Evening			1	0	4	0	Lightning
			Lightning set fire to home southwest of Polk. Resulting fire killed one occupant.						
NEVADA									
			NONE REPORTED						
NEW HAMPSHIRE									
			NONE REPORTED						
NEW JERSEY									
			NONE REPORTED						
NEW MEXICO									
Rincon to Las Cruces, Dona Ana County	2	12:00n			0	0	0	4	Hailstorm
			Hailstorm moved from Rincon area to outskirts of Las Cruces with approximate quarter-mile path width. Extensive damage to or destruction of young crops over about 1200 acres.						
North Central and Northeast NM	20	Daytime			0	0	5	?	Snowstorm
			Six to fourteen inches of snow caused some structural failures due to overloading roofs. Greatest loss was from death of near 900 head of cattle from suffocation and exposure on open range. Cattle had recently been shipped from warmer area and were not acclimated.						
Las Cruces, Dona Ana County	20	4:00p			0	0	6	7	Hailstorm
			Hailstorm swept over Mesilla Valley from about five miles north to five miles south of Las Cruces. Almost total destruction of cotton, chili, onion, pecan, and other crops over nearly 7,000 acres. Crop damage estimate \$3.7 million and property \$2.0. Hail was mostly small to marble size, but some stones to 3/4". Hail accumulated to several inches on the ground.						
Near Deming, Luna County	20	Afternoon			?	?	?	6	Hailstorm
			More than 4,000 acres of cotton, alfalfa, sorghum corn, wheat, and other crops lost or damaged by hailstorm. Hail most small to moderate sized. Estimated loss \$1.1 million.						
Polvadera, Socorro County	21	2:00p			?	?	?	?	Hailstorm
			Hail to size of small eggs over small and thinly settled area. Broken windows, dented cans, and some crop damage reported.						
Humble City, Lea County	25	3:00p			?	?	?	?	Hail, Windstorm
			Severe thunderstorm produced hail to near 1" in diameter and winds strong enough to cause damage to buildings, cars, ports, and trailers.						
NEW YORK COASTAL									
			NONE REPORTED						
NEW YORK CENTRAL AREA WIDE									
	9	5p-7p			0	0	6	0	SEVERE THUNDERSTORMS / TORNADOES
			A line of severe thunderstorms in advance of a cold front, caused locally heavy rain, hail (in some areas up to golf ball size), and winds up to 70 MPH. A few mini tornadoes were also reported in connection with the thunderstorms. Many trees and powerlines were downed causing numerous power outages and extensive damage to homes, automobiles, and several commercial buildings. A mini tornado reported in Mechanville, Saratoga County, damaged many roofs on buildings, breaking several windows, and downing numerous trees.						
			Another mini tornado moved thru the Northway Plaza in Queensbury, Southern Warren County, at 6:30PM. Major damage was observed in the area mainly to the Montgomery Wards store, where the roof was torn up and many canoes and shrubs on display were twisted and destroyed. Also numerous trees were downed and several private homes appeared to be damaged. Marble-size hail was reported at the time of the storm which moved from West to East, was a few hundred feet wide and touched down along a path about 1/4 of a mile.						
			Another mini tornado swept thru the Village of Port Henry, in Essex County in the Champlain Valley. In addition to many downed trees and powerlines, several private homes sustained minor damage and a trailer home was completely destroyed after being hurled over fifty feet. Winds up to 75MPH were reported in addition to the tornado and pea-size hail fell during the storm.						
NEW YORK WESTERN									
			NONE REPORTED						
NORTH CAROLINA									
Sampson & Cumberland Counties	4	8:00 P	1/4	25	0	1	4	3	Wind
			Strong winds estimated 80-100 mph damaged areas near Hope Mills and Roseboro. Trees, utility lines and some mobile homes were damaged. One person was injured when their mobile home was blown over.						
Johnston County	13	7:00 P	1/8	100	0	0	3	0	Wind
			Strong winds estimated at 80-100 mph hit a farm area 2 miles west of Clayton damaging some trees, buildings and utility lines.						
Columbus County	13	6:30 P	2	50	0	0	4	2	Wind
			Strong winds estimated at 70-90 mph damaged trees, utility lines and mobile homes in the Mollie-Bethel-Nakina areas.						
New Hanover County	13	8:47 P			0	0	3	0	Wind
			Strong winds estimated at 50-70 mph damaged buildings.						
New Hanover County	13	9:05 P			0	0	2	0	Tornado
			A tornado touched down briefly damaging a pier at Wrightsville Beach.						
Nash County	13	7:40 P	4	75	0	0	5	3	Wind
			Strong winds estimated in excess of 80 mph damaged parts of Nashville. Trees, buildings and utility lines were damaged. Damage estimated over \$200,000.						
New Hanover County	13	8:45 P			0	0	3	0	Tornado
			A tornado touched down briefly on Figure Eight Island outside of Wilmington damaging buildings and boats.						
Offshore	13	10:15 P							Waterspout
			A waterspout was sighted one mile west of Frying Pan Shoals Light Tower.						
Rowan County	24	aftn.				1			Lightning
			In Salisbury, a man was struck by lightning as he sat near a window. Later that afternoon he went out to a workshop, an old bus remodelled, where he believed he was safe. The bus, workshop, was then hit by lightning, blowing out all electrical fuses.						
All NC									Rain
			Heavy rainfall through the last part of April and all of May caused severe erosion and soil loss in every part of North Carolina.						
NORTH DAKOTA									
Flasher (Morton)	10	8:45 p	--	--	0	0	?	?	Hail
			Golf ball size hail.						
4N Bismarck (Burleigh)	12	5:30 p	0	0	0	0	0	0	Funnel
Harvey (Wells)	21	6:20 p	--	--	0	0	?	?	Hail
			Golf ball size hail along with 40 to 50 mph wind.						
15W Bottineau (Bottineau)	23	8:30 p	?	?	0	0	?	?	Tornado
Flasher (Morton)	24	6:49 p	--	--	0	0	?	?	Hail
			Golf ball size hail.						
Bismarck (Burleigh)	24	7:57 p	--	--	0	0	?	?	Hail
			One inch diameter.						
Bismarck (Burleigh)	24	8:04 p							Wind
			Fifty-four mph wind flipped over aircraft at Bismarck Airport.						
Rolla (Rolette)	24	10:10 p	--	--	0	0	?	?	Hail
15N Bismarck (Burleigh)	25	5:42 p	--	--	--	--	--	--	Funnel
1W Drake (McHenry)	25	6:05 p	1/3	?	0	0	3	?	Tornado
			Water drawn out of lagoon. Several trees down. Power outage in Drake.						
1-1/2S Mandan (Morton)	25	6:15 p	2-1/2	30	0	0	5	?	Tornado
			Mobile home destroyed. Roof torn off garage. Damaged a camper.						
Baldwin (Burleigh)	25	6:52 p	--	--	0	0	?	?	Hail
			One-One and one half inches in diameter.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1978

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	
NORTH DAKOTA (continued)									
8-10N Egeland (Towner)	25	7:10 p	?	?	0	0	0	0	Tornado
		No damage.							
New Rockford and Sheyenne areas (Eddy)	25	7:30 p	--	--	0	0	?	?	Hail and Wind
		Several houses and barn windows broken and roof and siding damaged by hail and high winds.							
1-1/2S Balta (Pierce)	25	7:30 p	1/5	10	0	0	3	?	Tornado
		Turned over and damaged all livestock trailer and a hay rake.							
3E Minto (Grand Forks)	25	11:00 p	?	?	0	0	0	0	Tornado
		Touched down briefly. No damage.							
13SSE Manning (Dunn)	26	4:25 a	?	?	0	0	4	0	Tornado
		Damaged a mobile home and a car.							
Grand Forks (Grand Forks)	26	6:30 a	1/2	20	0	0	5	0	Tornado
		Destroyed a mobile home. Damaged at least six homes.							
Near Edmore (Ramsey)	26	7:15 a	1/10	10	0	0	4	?	Tornado
		Destroyed a quonset and damaged a home.							
OHIO									
Geumsey County Entire County	9	330 AM	-	-	0	0	4	0	High Winds
		A thunderstorm with high winds toppled two mobile homes and damaged a number of roofs and farm outbuildings.							
Akron, Summit County	9	455 PM			0	3	4	0	High Winds, Lightning
		A thunderstorm with strong gusty winds and lightning moved through the city downing trees and signs, damaging roofs and windows, and interrupting utilities. Several lightning strikes started fires. Two painters were injured when the high winds collapsed their scaffolding and a woman was injured when a sign fell and struck her.							
OKLAHOMA									
McIntosh County	1	12:30 a			0	0	5	0	Wind
		A strong thunderstorm with winds estimated between 65 and 70 mph did extensive damage across McIntosh County. A large number of trees and power poles were broken off as well as roof and window damage to numerous businesses and private homes. The hardest hit area was in and around the cities of Checotah and Eufaula.							
Fawnee, Fawnee County	6	a.m.			0	0	5	0	Lightning
		Lightning struck a barn west of Fawnee and the ensuing fire destroyed the structure, two thousand bales of hay, and two tractors.							
Wakita, Grant County	6	1:00 a	2	40	0	0	5	0	Tornado
		A small tornado touched down just to the west-southwest of Wakita doing extensive roof damage to the high school and to a grain elevator that was under construction. Minor damage was done to several homes on the southwest part of town. Also a number of power lines were downed by the tornado. It was reported the tornado was aloft along much of its path. It dissipated just to the east of Wakita.							
Braman, Kay County	11	2:35 p	3	100	0	3	4	0	Tornado
		A tornado touched down 3 1/2 miles west and 1 mile south of the community of Braman. As it moved toward the northeast, the tornado destroyed 5 mobile homes used as cabins on the Chikaskia River. One man was slightly injured when the tornado hit the trailer home he was in. A woman and her child were injured when the tornado rolled their trailer home down a 15 foot embankment. The tornado dissipated 1/2 mile west of Braman. Hail an inch in diameter accompanied the storm, but no damage was reported in association with the hail.							
Near Fairfax, Osage County	11	5:45 p							4 Funnel Clouds
Near Copan, Osage County	11	6:00 p	1	40	0	0	4	0	Tornado
		A small tornado touched down 1 1/2 miles southeast of the small community of Copan doing light to moderate damage to 5 homes and ripping away the roof of one mobile home. The tornado moved eastward dissipating a short time later.							
Near Hominy, Osage County	11	6:36 p							2 Funnel Clouds
Near Pawhuska, Osage County	11	6:54 p							2 Funnel Clouds
		6 miles southwest of Pawhuska.							
Near Barasdale, Osage County	11	7:00 p	Short	Narrow	0	0	0	0	Tornado
		A small tornado touched down briefly between the small communities of Barasdale and Avant. Some light tree damage was found.							
OKLAHOMA (continued)									
Near Wilburton, Latimer County	17	p.m.			0	0	4	0	Lightning
		A home struck by lightning southwest of Wilburton was totally destroyed by fire.							
Hollis, Harmon County	18	6:30 p			0	2	6	6	Hail
		A hail swath 6 to 8 miles long and 1/2 to 3 miles wide moved across Hollis doing excessive damage in and around the city. The hail measuring up to 2 3/4 inches in diameter broke thousands of windows in Hollis plus damaging the majority of roofs in the city. Cars and trucks also sustained heavy damage. Crops in the hail swath were totally destroyed. Two people were reported injured in Hollis when hail stones hit them on the head.							
Near Binger, Caddo County	19	p.m.							Funnel Cloud
		6 miles west and 1 1/2 miles north of Binger							
Near Goodwell, Texas County	26	4:15 p							Funnel Cloud
		2 miles southwest of Goodwell							
Near Goodwell, Texas County	26	4:25 p							3 Funnel Clouds
Near Frederick, Tillman County	27	6:15 p	Short	40	0	0	4	0	Tornado
		A small tornado briefly touched down on a farm 2 miles west and 4 miles north of Frederick destroying a barn and a combine. Other storage buildings on the farm received minor roof damage. Several trees were twisted and uprooted. The damage was scattered for 1/2 mile.							
Near Lindsey, Garvin County	27	p.m.							Funnel Cloud
Near Marlow, Stephens County	27	p.m.							Funnel Cloud
		Between Marlow and Rush Springs							
Near Pumpkin Center, Comanche County	27	p.m.							Funnel Cloud
Near Geronimo, Comanche County	27	p.m.							Funnel Cloud
		West of Geronimo							
Comanche County	27	p.m.			2	0	6	5	Heavy Rain, Wind Flash Flooding
		Very heavy thunderstorms moved across Comanche County producing winds up to 70 mph and rainfall that measured up to 7 inches. Eight mobile homes were reported to have been overturned by the winds in Lawton. Numerous tree damage was reported over the county. The heavy rains damaged several homes and numerous cars in the county. Particularly hard hit was Lawton. One apartment complex in Lawton was flooded damaging the carpets on the lower floors. A car carrying six persons was washed off the road into a flooded stream just to the north of Lawton. Five of the people were able to escape but the sixth, a small boy, was drowned. An hour later a Lawton Civil Defense man was also drowned while searching for the child. The heavy rains and high winds also did extensive damage to agricultural crops in the county. Particularly hard hit was wheat and alfalfa.							
Grady County	27	p.m.			0	0	5	5	Heavy Rain, Wind
		Thunderstorms moved across Grady County producing high winds and heavy rains. Most of the damage was done to the rural areas. The winds damaged several homes and outbuildings as well as numerous pieces of farm equipment. The heavy rains destroyed portions of the field crops, particularly wheat.							
Elmore City, Garvin County	28	3:25 p.m.							Funnel Cloud
		7 miles northwest of Elmore City.							
Caddo County	27-28	Days			0	0	0	5	Heavy Rain
		Thunderstorms over a three day period produced rainfall measurements of 5 to 7 inches over Caddo County causing extensive loss of agricultural crops. Particularly hard hit were the wheat and peanut crops.							
Jackson County	27-28	Days			0	0	0	5	Heavy Rain
		Thunderstorms over a four day period produced sufficient rainfall amounts over Jackson County to damage the agricultural crops. Alfalfa and wheat were the hardest hit.							
Near Cherokee, Cherokee County	31	6:30 p.m.			0	1	0	0	Lightning
		A man was struck by lightning northwest of Cherokee. After being rushed to the hospital he was reported in good condition.							
OREGON									
La Grande, Douglas County	22	UNK	-	-	1	1	-	-	Lightning

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MAY 1978

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					KILLED	INJURED	PROPERTY	CROPS	
PACIFIC									
PENNSYLVANIA									
EASTERN PENNA.	9	4PM EDT TO 8PM EDT			0	0	3	0	WIND, HEAVY RAIN
		A cold front moving across eastern Pennsylvania triggered thunders torms causing damage in scattered areas with trees, tree lines and power lines down. In Tioga County trees were uprooted and minor flash flooding occurred for a brief time.							
EASTERN PENNA.	15	10 PM EDT TO 15 10 PM EDT			0	0	4	0	HEAVY RAIN
		HEAVY SHOWERS PRODUCED 2 TO 5.8 INCHES OF RAIN OVER MOST OF EASTERN PENNSYLVANIA. STREAM AND ROADWAY FLOODING RESULTED AND ALSO SOME ROCK SLIDES. THE WET WEATHER RESULTED IN SOME POWER AND TELEPHONE OUTAGES.							
PENNSYLVANIA									
WESTERN									
Aspinwall and O'Hara Township	13	10am est.			0	0	?	0	Thunderstorm
		Strong downdrafts from a cluster of thunderstorms blew down trees, power lines, and damaged property. An aluminum frame garage in O'Hara Township was flattened by strong winds. A driver became trapped in his truck when wind dropped a "live" wire across his rig. One resident estimated that the strong winds lasted about a minute and a half.							
Stoneboro Lake (Mercer County)	13	10:40 am	?	?	0	0	?	0	Tornado
		A small tornado flattened a large picnic pavilion, and uprooted trees along the Stoneboro Lakeshore before the storm moved over the lake and weakened. Water in the lake was pulled upward into a spiral according to three witnesses.							
Philipsburg	13,				0	0	?	?	Heavy Rain
	14-15	From the 13th through the early 15th, a total of 4.5 inches of rain fell...including a 1.82 inch deluge during a six-hour period on the 14th. Firemen evacuated 35 residents of Rush Township the night of the 14th when water began flowing over the spillway of the Cold Stream Dam. High water sealed off Route 322 on the eastern edge of Philipsburg and filled the basements of many homes in the area.							
Scottsdale	17-18				0	0	?	0	Heavy Rain
		Up to 2.5 feet of water flooded basements in Sweetown, and a few roads were closed when water began to cover them.							
Roontzstown	18	am			0	0	?	0	Heavy Rain
		Heavy rains filled an abandoned blocked mine shaft and forced water to burst out of an attached air shaft. The water streamed out in a steady stream nearly four feet deep and 40 feet wide; six homes were flooded.							
Homer City	23-24				0	0	?	0	Thunderstorm
		Over three inches of rain fell near Homer City during a series of thunders torms. Several basements were flooded and portions of Routes 119 and 422 were partially inundated.							
PUERTO RICO									
Vieques Passage	6	3:05 p.			0	0	0	0	Waterspout
Off North Coast	7	6:00 p.			0	0	0	0	Waterspout
Vieques Passage	13	12:00 p.			0	0	0	0	Waterspout
RHODE ISLAND									
SOUTH CAROLINA									
Clarendon & Williamsburg Counties, SC	4	6:50 P.M.	40	150	0	4	5	4	Tornado
		Tornado first sighted southeast of Ellore-- moved across Lake Marion passing through Francis Marion, Goat Island, Potato Creek, Bob Cooper and Wyboo areas, hence; northeast to near Kingstree. More than 40 mobile homes and a number of other buildings were destroyed or damaged.							
Kershaw County, S.C.	4	7:00 P.M.	0.6	1.0	0	0	4	0	Tornado
		Small tornado struck Mt. Hebrew Church 12 miles east of Camden; also caused extensive damage to cemetery and nearby woods.							
Aiken and Edgefield Counties, S.C.	8	9:15 P.M.	25	-	0	0	6	4	Tornado
		Tornado moved from Georgia into South Carolina. Path in South Carolina extended from near North Augusta northeast to New Holland. A mobile home was destroyed, 10 homes and one business damaged or destroyed. Considerable damage to trees and utilities.							
Anderson County, Lake Hartwell, S.C.	23	9:30 P.M.	0	0	1	0	0	0	Thunderstorm
		Boat overturned during thunders torm. One person drowned.							
SOUTH CAROLINA (continued)									
Northwest South Carolina, Northeast South Carolina	24	P.M.	0	0	0	0	2	4	Thunderstorm
		Hail during scattered thunders torms damaged crops in Spartanburg, Cherokee Counties in northwestern South Carolina and in Dillon, Marion Counties in northeastern South Carolina. Scattered damage also reported in northwestern and northern South Carolina.							
Walterboro Area, S.C.	28	3:30 P.M.	-	-	0	0	5	3	Thunderstorm
		Severe thunders torm disrupted utilities, downed trees and damaged several homes in Walterboro.							
SOUTH DAKOTA									
Hot Springs Area	4	4:30 PM**300		200	0	0	0	3	Tornado
		A tornado dipped down near Hot Springs damaging and/or destroying several barns and other farm buildings. A number of trees, power lines, corrals were also destroyed.							
Black Hills Area	6-7								Heavy Snow
		A late spring snow storm deposited 15-24 inches of wet, heavy snow over most areas in the Black Hills above 5300 MSL. Rapid City received two and one-half inches. Numerous tree limbs, power and telephone lines fell under the weight of the wet snow. Overall damage was minimal.							
Haakon, Stanley, Todd, Sully, Hughes, Bennett, Potter and Edmunds Counties	26-27				0	0	3	?	High Winds
		A line of thunders torms moved eastward across South Dakota. Reports of high wind, funnel clouds and/or tornadoes were received; however, damage was confined to power and telephone lines, trees and minor damage to homes.							
Southeastern South Dakota	27-28				0	0	0	0	Funnel Clouds
		Numerous reports of funnel clouds were received. National Weather Service employees observed the cold air funnels; however, there was no rotation and no damage or injuries were reported.							
TENNESSEE									
Cookeville, Putnam County	13	1:00 a.					4		High wind
		High winds tore off roof sections of homes and barns depositing them onto the roads and into newly plowed fields. Several trees were blown down.							
Kingston, Roane County	25	4:00 p.					4		High wind
		Strong winds slashed across Southwest Point Golf Club, causing extensive damage to the club house as well as damaging cars. Telephone lines were also blown down.							
Paris, Kentucky Lake, Henry County	28	3:15 p.					1		Lightning
		A 31-year-old male was killed when lightning struck his boat on Kentucky Lake at Paris. The Bass Boat was struck about 300 yards from the Springville Boat Ramp. It made a sharp turn, hit a bank, and overturned. The man was thrown from the boat, and all attempts to revive him failed.							
Fayetteville, Lincoln County	28	3:45 p.					1	3	Lightning
		A 13-year-old youth was killed and three other members of his family were injured when lightning struck while they were in the family garden.							
TEXAS									
NORTHERN									
Southeast San Saba County to Northeast Llano County	1	2:15 p - 3:15 p			0	0	5	5	Hailstorm
		A severe thunders torm developed in San Saba County, dropping hail in a swath 5 miles wide and 20 miles from 8 miles north of Cherokee to Tow, TX in Llano County. Hail up to golf ball size fell with hail depths on the ground up to two to three inches. Wind gusts to 50 m.p.h. were reported from this storm. Most damage was near Cherpkee.							
Meridian Bosque County	1	5:14 p - 5:55 p			0	1	5	?	Hailstorm
		A severe thunders torm entered the county from the west and moved into Hill County at 6:00 p.m. Baseball size hail damaged many homes and cars in Meridian. One boy, playing baseball in a field, was struck by a hailstone, requiring three stitches in his head.							

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN Dallas County									
	1	5:00 p - 7:15 p			0	0	5	?	Funnel aloft, Hailstorm
A thunderstorm developed over northwest Dallas County around 5:00 p.m. The thunderstorm moved slowly southeast and intensified rapidly. At 5:43 p.m., large amounts of pea to golf ball size hail fell at Midway Street and I-35 Freeway in Dallas. At 6:08 p.m., golf ball size hail fell southeast of Farmers Branch on the north edge of Dallas. The thunderstorm continued southeast and by 7 p.m., 80 percent of the east section of Dallas was covered with marble to golf ball size hail. Hail damaged many houses in the Oak Cliff section of Dallas. Hail depths to four inches were reported at Hutchins and two inches at Cedar Hill, Grand Prairie, and West Oak Cliff. At 7:15 p.m., a small funnel cloud was reported at Love Field.									
Ballinger Runnels County	2	8:05 a - 8:35 a			0	0	0	?	Hailstorm
One and one half inch diameter hail at Ballinger.									
Coleman City Coleman County	2	9:07 a - 10:15 a			0	0	4	?	Hailstorm
The severe thunderstorm in Runnels County moved into Coleman County. At 9:42 a.m., marble to golf ball size hail fell in Coleman City. High winds also stripped trees in Coleman City. The city also experienced a short lived power outage.									
Hurst-Eules-Bedford Area, Tarrant County	2	1:05 a - 1:50 a	Short Narrow		0	0	0	0	Tornado
Thunderstorms formed over east Tarrant and West Dallas Counties at 11:30 p.m., Monday night. At 1:05 a.m. radar at Carswell AFB and Stephenville indicated a tornado two miles northeast of Loop 820 and Highway 183 in the Hurst-Eules-Bedford area. A NWS employee in Hurst reported hearing a roar over his house and the Hurst Police reported sighting the tornado. No damage, however, was reported, as the touchdown must have been very brief.									
Northwest Tarrant County and adjacent sections of Wise and Denton Counties	2	9:10 p - 9:53 p			0	0	4	?	Windstorm
Thunderstorms formed over Tarrant County late in the afternoon and spread east during the evening and night-time hours. Strong winds were reported at Eagle Mountain Lake and Newark. At 9:33 p.m. trees were uprooted by 50 to 60 m.p.h. winds from the northeast in the Denton area.									
McKinney Collin County	2	10:15 p - 11:30 p			0	0	4	?	Windstorm, Lightning
The heavy thunderstorms moved into north Dallas and Collin Counties. In McKinney, lightning set fire to the Commercial Hotel and high winds blew down limbs. Heavy hail was reported in Plano.									
Southeast Hunt County to Northwest Van Zandt County	5	2:30 a - 3:30 a	27 Narrow		0	0	4	?	Tornado
A tornado touched down around 2:31 a.m. on the western edge of Lake Tawahoni, near Quinlan and moved southeast. Just southeast of Quinlan, one barn was unroofed and a construction sign was blown down on Highway 35. At Hills Point in Van Zandt County, trees were uprooted near Lucky Motors on Highway 64. The roof of a barn was blown off east of town. The tornado also touched down in Edgewood, blowing down barns and powerlines. Powerlines were also reported down northeast of Grand Saline.									
Quitman, Wood County	5	2:30 a - 4:30 a			0	0	4	?	Windstorm, hail-storm
The severe thunderstorm entered Wood County around 2:30 a.m., moving from northwest to southeast. Wind gusts to 50 m.p.h. blew down several trees over the county. In Quitman, damage was done to the Tyler Savings and Loan roof. A large potato shed was destroyed near Golden. Hail up to one inch diameter was reported in parts of the county.									
Jones and Haskell Counties	6	7:44 p - 8:37 p			0	0	0	?	Hailstorm
A severe thunderstorm dropped golf ball size hail at Stamford at 7:44 p.m. and one inch hail at Aikon at 8:37 p.m.									
Runnels County	6	7:48 p - 8:36 p			0	0	0	?	Funnel aloft, Hailstorm
A thunderstorm, moving east at 50 m.p.h., entered Runnels County. Golf ball size hail fell in Norton at 7:48 p.m. Brief, heavy rain accompanied the thunderstorm. At 8:10 p.m. two funnel clouds formed just west of Ballinger. At 8:35 p.m., small hail and extremely heavy rain fell at Miles. Baseball size hail fell 15 miles west of Ballinger at 8:36 p.m.									
Possum Kingdom Lake, Young County	6	8:40 p			0	0	4	?	Windstorm
Straight-line thunderstorm winds up to 50 m.p.h. damaged boat docks on the southside of Possum Kingdom Lake.									
Texarkana, Bowie County	6	10:20 p			0	0	0	?	Hailstorm
A line of thunderstorms moving east at 30 m.p.h. entered Bowie County around 9:45 p.m. Golf ball size hail fell just south of Texarkana at 10:20 p.m.									

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN Lake Palestine, Smith County									
	7	1:35 a			0	0	4	?	Windstorm
String thunderstorm straight-line winds blew awnings off trailer homes in the Lake Palestine area.									
Wichita Falls, Wichita and Clay Counties	11	4:10 p - 5:14 p			0	0	4	?	Hailstorm
A line of thunderstorms developed over Wichita and Clay Counties around 3:45 p.m. The thunderstorms dropped pea to marble size hail with golf ball size hail southeast of Wichita Falls, causing minor damage to cars in a car sales lot. Golf ball size hail also fell at Windhorst Road in Wichita Falls. At 5:14 p.m., hail up to 1.25 inches in diameter covered the ground at Byers in northern Clay County.									
Keene, Johnson County	11	3:47 p - 4:45 p			0	0	0	?	Windstorm
A line of thunderstorms entered northwest Johnson County at 3:47 p.m. Straight-line winds to 60 m.p.h. moved through Keene at 4:45 p.m.									
Tarrant County	11	4:00 p - 5:00 p			0	0	4	0	Funnel aloft, Hailstorm
The northern edge of the line of thunderstorms entered southwest Tarrant County. Three-fourths inch hail fell in Mansfield around 4:50 p.m. A small funnel cloud ripped up trees in Arlington around 5:00 p.m.									
Ellis County	11	4:30 p - 7:00 p	Short Narrow		0	0	4	0	Tornado
The severe thunderstorm line extended southwest from Dallas and Tarrant Counties. At 4:30 p.m., the heaviest portion of the thunderstorm entered western Ellis County. At 5:15 p.m., a small tornado touched down at Interstate 35 and Highway 287 Business in Waxahachie, doing roof and window damage to several homes. Another tornado was reported in the Midlothian area around 5:30 p.m. It damaged several cars, destroyed four homes, and knocked down power lines. The tornado lifted and passed over Ennis at 5:45 p.m. as a funnel cloud. At 7 p.m. the school house and a tin building at the Sterrett Gin near Sterrett was blown down by straightline winds. Houses and barns were damaged by winds in the Palmer, Maypearl area and power was knocked out at Ferris and Italy.									
Dallas	11	5:15 p			0	0	4	?	Hailstorm
The severe thunderstorm moved into southwest Dallas County. At 5:15 p.m., one-half to one inch hail fell in the south part of Grand Prairie and southwest Dallas.									
Hillsboro, Hill County	11	5:26 p	6 Narrow		0	0	4	0	Tornado
The southern end of the line of thunderstorms entered western Hill County around 5:00 p.m. At 5:26 p.m. the Department of Public Safety reported a tornado near the Hillsboro cemetery moving southeast. A little later, the tornado destroyed a 40x60 foot barn at Bynum, located 6 miles southeast of Hillsboro.									
Henderson County	11	6:30 p - 7:30 p	Short Narrow		0	0	4	?	Tornado, Hailstorm, Windstorm, Funnel Aloft,
The thunderstorms entered Henderson County at 6:00 p.m. moving northwest to southeast. A tornado touched down in the southwest corner of Athens at 6:30 p.m. Straight-line wind damage was widespread over the city. Plate glass windows were broken, trees uprooted, power lines down, and signs were blown down. Wind speeds to 70 m.p.h. were estimated to have hit Athens. At 6:35 p.m. several police cars were damaged by falling trees in Gun Barrel and wind damage was reported at Seven Points. Minor to moderate straight-line wind damage also occurred in Murchison, Brownsboro, Chandler, and Eustance. Funnel clouds were sighted in the Eustance and Canay areas. Golf ball size hail also fell in the county during this period.									
Navarro, Kaufman and Freestone Counties	11	6:00 p - 9:00 p			0	0	4	0	Windstorm
Heavy thunderstorms moved through Navarro and Freestone Counties. Pea size hail and wind gusts to 50 m.p.h. were reported at Corsicana. Several trees were blown down in West Kaufman.									
Van Zandt County	11	6:15 p - 6:45 p	Short Narrow		0	0	?	?	Tornado
The fast moving squall line extended from Kaufman to Waco moved into northeast Texas at 6:00 m.p.h.									
The severe thunderstorms entered southwest Van Zandt County around 6:15 p.m. moving southwest to northeast. Two funnel clouds were reported in Canton at 7:00 p.m. A damage survey by the Disaster Preparedness Meteorologist indicated straight-line wind damage from Grand Saline southwestward on Highway 17 to Canton. Several homes suffered extensive wind damage, a mobile home was destroyed in Canton, along with numerous fences, carpools, and television antennas. Wind speeds were estimated to be near 100 m.p.h. at Canton. Tornadoes were reported near Highway 19 south of Canton, Highway 64 east of Canton, and Highway 243 between Kaufman and Canton during this period.									

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)									
NORTHERN									
Wood County	11	6:30 p - 7:00 p			0	0	4	0	Windstorm
			The line of thunderstorms moved into Western Wood County around 6:30 p.m. Straight line winds damaged trees and knocked signs down.						
Simms, Bowie County	11	6:43 p			0	0	4	0	Windstorm
			A severe thunderstorm moved into southwest Bowie County. Trees were blown down near Simms at 6:48 p.m.						
Smith County	11	6:50 p	Short	Narrow	0	0	0	?	Tornado
		7:10 p	Short	Narrow	0	0	0	?	Tornado
		7:15 p	Short	Narrow	0	0	0	?	Tornado
	7:00 p - 8:00 p				0	0	5	4	Windstorm
			A severe thunderstorm moved into Smith County, with estimated 100 m.p.h. straight-line winds. There was widespread light to moderate building and vehicle damage in Tyler, with most damage confined to south Tyler. A tornado touched down west of Tyler at 6:50 p.m. and a second northeast of State Highway 110. Trees were blown down, by straight-line winds, onto a home and mobile home in Lindale. The hail caused considerable tree damage 10 miles either side of a line from Lindale to Elderville in Gregg County. A third tornado down 2 1/2 miles southwest of Tyler around 7:15 p.m.						
Daingerfield, Morris County	11	7:24 p			0	0	0	?	Hailstorm
			Large hail fell, but no damage was reported.						
Anderson County	11	7:51 p	Short	Narrow	0	0	3	0	Tornado
			A tornado touched down 6 miles southeast of Palestine at 7:51 p.m. damaging trees. Straight-line winds caused roof and tree damage in north Palestine, while trees and windows were damaged in the Blackfoot and Bois D'Arc areas of north central Anderson County.						
Gregg County	11	7:35 p	Short	Narrow	0	0	4	?	Tornado
			Short	Narrow	0	0	0	?	Tornado
		8:00 p	12	Narrow	0	0	5	?	Tornado
					0	10	6	0	Windstorm
			Severe thunderstorms moved into West Gregg County. At 7:35 p.m. a tornado destroyed a trailer at White Oak, another was spotted at Elderville at 7:59 p.m. Straight-line winds to 89 m.p.h. were reported at the Gregg County Airport and eight planes were damaged. In Longview, trees, awnings, and signs were blown down, and there was window damage in downtown Longview and ten people injured. Wind damage was common over most of the county, beginning at Kilgore and extending northeast. A third tornado downed two miles southwest of Longview, around 7:40 p.m., destroying business signs. It skipped several blocks and then set down near the ground again in Longview on Court Street, crossed US 80 one block north of the Good Shepherd Hospital, and then continued northeast through a 10 block area passing one block east of Valley View Elementary School. The tornado continued across Eastman Road, out Alpine Road, and then onto Page Road outside the city. Damage was done along this track.						
Rusk County	11	8:00 p			0	0	4	?	Windstorm
			Straight-line winds at Henderson blew the roofs off of two homes. Trees and power lines were also blown down. Wind damage was also reported near Tatum.						
Upshur County	11	8:00 p - 10:00 p			0	0	5	?	Windstorm
			A severe thunderstorm moved into southwestern Upshur County and rained itself out around 10 p.m. High winds blew down trees in Gilmer and damaged houses. Throughout the county, powerlines and telephone lines were blown down.						
Harrison and Panola Counties	11	8:10 p - 8:40 p	Short	Narrow	0	0	4	?	Tornado
					0	0	4	?	Wind and Hailstorm
			A tornado uprooted trees 15 miles southwest of Marshall in Harrison County at 8:10 p.m. Straight-line wind damage was reported at Washam and Kalmach in Harrison County with large hail at 8:10 p.m. Large hail was also reported north of Marshall at 8:40 p.m. At 8:20 p.m. wind damage and large hail was reported near Carthage and east of Tatum in Panola County. At 8:40 p.m., trees were uprooted by straight-line winds west of DeBerry in eastern Panola County.						
4 miles north of Athens, Henderson County	11	10:15 p			0	0	0	0	Funnel aloft
			A funnel cloud was observed.						
Smith County	11	10:30 p - 10:42 p	1	Narrow	0	0	4	0	Tornado
			A funnel cloud was sighted 8 miles southwest of Tyler, over Lake Palestine. This was the same storm that produced the earlier funnel north of Athens. At 10:42 p.m. the funnel touched down at Bullard, in extreme south central Smith County, doing some damage.						
TEXAS (continued)									
NORTHERN									
Near Kaufman, Kaufman County	12	3:30 p	Short	Narrow	0	0	0	0	Tornado
			A small tornado formed in rapidly developing thunderstorms along Highway 175 near Kaufman in a sparsely populated area. The tornado was rope like and no damage was reported.						
Hugh Springs, Cass County	12	4:00 p			0	0	4	0	Hailstorm
			A squall line formed about 3:15 p.m. from Clarksville, in Red River County, to Kaufman, in Kaufman County. The line moved to the southeast at 33 m.p.h. At 4:00 p.m. the northern edge of the squall line entered Cass County. Golf ball size hail and high winds were reported at Hugh Springs around 4:00 p.m.						
Houston County	12	8:20 p	Short	Narrow	0	0	0	?	Tornado
			Short	Narrow	0	0	0	?	Tornado
		9:02 p	Short	Narrow	0	0	3	?	Windstorm, Hailstorm
			The squall line extended from Shreveport, LA to 30 miles north of Austin at 7:30 p.m. A severe thunderstorm entered northern Houston County about 7:30 moving south-southeast. At 8:20, tornadoes were reported by the Sheriff near Grapeland, west of Crockett and another south of Crockett. Marble hail and wind gusts to 60 m.p.h. accompanied this thunderstorm within the county.						
Center, Shelby County	12	8:30 p			0	0	4	?	Windstorm, Hailstorm
			A severe thunderstorm entered Shelby County at 8:00 p.m. and rained itself out by 9:45 p.m. Golf ball size hail fell 10 miles northwest of Center at 8:30 p.m. Marble hail fell on Highway 7 east of Center just outside the city limits. High winds blew down a tree across a dirt road off Highway 7 south of Center.						
Shackleford County	16	6:30 p - 6:40 p			0	0	0	?	Funnel aloft, Hailstorm
			NSSL storm chasers sighted several funnels below a rotating wall cloud north of Albany on Highway 283. Golf ball size hail was observed on the road in the same area.						
Young County	16	5:00 p			0	0	0	3	Hailstorm
			A severe thunderstorm developed 25 miles southwest of Graham and moved east-northeast at 10 m.p.h. At 5 p.m., 1/2 to one inch hail fell in Graham.						
Stephens County	16	4:45 p - 5:30 p	3	Narrow	0	0	0	0	Tornado
					0	0	3	?	Hailstorm
			A severe thunderstorm dropped golf ball size hail from 10 miles north to seven miles northeast of Breckenridge. The storm was almost stationary over the area. NSSL storm chasers reported 2 to 4 inch diameter hail seven miles north of Breckenridge, damaging a car. At 5:00 p.m. a tornado was sighted just west of Highway 183 by the NSSL storm chasers. The tornado remained on the ground for about 5 minutes. The tornado was over open ground and caused no damage. One storm chaser also reported 3 to 4 inch hail on a rural road 2.5 miles east of Highway 183 and seven miles north of Breckenridge.						
Albany, Shackleford County	17	6:30 p			0	0	0	?	Hailstorm
			Marble to golf ball size hail fell just west of Albany.						
Coleman County	17	6:32 p	Short	Narrow	0	0	0	?	Tornado, Hailstorm
			Another thunderstorm developed in Coleman County. A pilot reported a tornado five miles west of Coleman, near Hord's Creek Reservoir and the tornado was observed on the ground in open country by an employee of radio station KJBC. Pea size hail also fell from the thunderstorm at Novice in northwest Coleman County.						
Crowell, Foard County	18	8:15 p - 8:20 p	1 1/2	20	0	0	4	0	Tornado
			A tornado destroyed a mobile home one mile west of Crowell, then moved into town from west to east, destroying two barns, a cotton gin, and several stock trailers. Straight-line winds to 75-80 m.p.h. hit Crowell, blowing off roof shingles and crumpling television antennas.						
Knox County	18	9:33 p			0	0	0	0	Funnels aloft
			Observed ten miles west of Benjamin and another funnel cloud was observed ten miles north of Munday.						
Dallas County	21	2:00 p.m.			0	0	0	0	Funnel Clouds
			Observed briefly over Irving. No damage reported.						
Dallas County	22	10:35 a			1	57	5	0	Heavy rain
			Two to four inches of rain fell in Dallas, Tarrant, Ellis, and Johnson Counties the evening and night of May 21-22. Water accumulated on the roof of the Walnut Village Church of Christ in Garland and the roof collapsed, killing one and injuring 57 people.						

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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)									
NORTHERN									
Hardeman County	25	10:15 p - 11:15 p			0	0	0	0	Funnel aloft
Observed at Copper Breaks State Park in South Central Hardeman County moving from southwest to northeast.									
Board County	25	9:45 p - 10:30 p			0	0	0	0	Funnel aloft
One was observed 10 miles southwest of Crowell and another 6 miles west of Crowell moving from west to east.									
Jack County	28	1:15 p			0	0	0	0	Funnel aloft
Observed 18 miles northeast of Jacksboro moving southeast. The thunderstorm that produced this funnel cloud later moved into Wise County.									
Archer County	28	1:45 p			0	0	0	0	Funnel aloft
Observed 7 miles northeast of Meragel moving northeast.									
Wise County	28	1:45 p - 3:00 p			0	2	5	?	Windstorm
A thunderstorm entered western Wise County moving east at 20 m.p.h. Wind gusts to 75 m.p.h. blew down large tree limbs over the county, with Bridgeport being the hardest hit. Winds smashed windows at the JRB and Roadway grocery stores. At the Super Save Grocery, a glass door broke, cutting one young man's face and the roof was damaged. A woman was also injured by glass at another location. A metal building at Bridgeport Fishing and Rental Tools was destroyed. Windows in several other businesses were blown in and several trees in Bridgeport were uprooted. As the storm moved through Decatur, damage was confined mainly to the fallen tree category.									
Denton, Parker, and Tarrant Counties	28	12:45 p - 1:35 p			0	0	4	0	Funnel aloft, Windstorm, Hailstorm
The Wise County thunderstorm moved into Denton and Tarrant Counties and was associated with a squall line that extended from 20 miles west of Denton to 25 miles north of Abilene at 2:45 p.m. In Denton County, two funnel clouds were spotted near Krum at 3:08 p.m. and another funnel cloud was observed four miles northwest of Denton at 3:20 p.m. Pea size hail fell at Roanoke around 3:50 p.m. The thunderstorm moved southeast through Tarrant County, bringing up to 3 inches of rain to eastern and southern portions of the county. Wind gusts to 50 m.p.h. were observed at North Richland Hills and measured 52 m.p.h. at the Dallas/Fort Worth Regional Airport. As the squall line moved through Parker County, wind speed was estimated to be 50 m.p.h.									
Iowa Park, Wichita County	28	3:00 p			0	0	0	0	Funnel aloft
Observed at Iowa Park moving east at 25 m.p.h. No damage reported.									
Calahan County	28	3:40 p	Short	Narrow	0	0	0	0	Tornado
As the squall line moved through Calahan County, a tornado touched down briefly five miles south of Moran.									
Ellis County	28	4:45 p - 5:00 p - 5:03 p	Short	Narrow	0	0	0	0	Tornado
The squall line moved from Tarrant and Dallas Counties into Ellis County. Two tornadoes touched down briefly near southeast side of Waxahachie moving southeast at 4:45 and 5:00 p.m. Another tornado touched down briefly in Ferris at 5:03 p.m. No damage was reported.									
Johnson County	28	5:00 p			0	0	4	0	Windstorm
As the squall line moved through Cleburne, high winds blew down trees in residential portion of the city.									
Collin County	28	3:43 p - 5:02 p			1	0	0	?	Windstorm, Hailstorm
Thunderstorms entered western Collin County moving southeast. At 3:44 p.m., high winds blew over a boat in Lake Tuvan, drowning one man. Pea size hail fell at Prosper at 4:15 p.m. and McKinney at 5:00 p.m. High winds also blew down several trees in McKinney.									
Jack County	28	6:05 p - 6:20 p			0	0	4	0	Windstorm
Straight-line thunderstorm winds knocked down several powerlines and some trees.									
Runnels, N. Concho and S. Coleman Counties	28	3:30 p - 7:30 p			0	0	4	6	Heavy Rain, Flash Flooding, and Hailstorm
Thunderstorms moved into Runnels and Concho Counties bringing four to seven inches of rain to the area. Heavy rain and hail fell in the south part of Runnels County covering a strip, from west to east, six miles by nine miles, causing over 1/2 million dollars in crop damages. Several low lying road crossings were flooded. Water was six to eight feet deep on Farm Road 2134 and Farm Road 1929. Some water gaps were damaged by the high water.									

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
South Central portion and Rio Grande Valley		Past 12 months	Region-wide		0	0	6	7	Drought
Effects of a year-long period of well below normal rainfall culminated during May just before beneficial rains of 2 to 6 inches finally fell over most of the drought-stricken area. From June 1977 until the mid and late May 1978 rains occurred, precipitation totals were 50 percent or less of normal for most of the inland area of south Texas extending eastward from the Edwards Plateau between the Rio Grande and the Brazos River.									
The far south Texas counties of Maverick, Zavala, Frio, Dimmit, LaSalle, McMullen, Webb, Duval, Zapata, Jim Hogg, and Starr were especially hard hit as only 15 to 20 percent of normal rain occurred during the six months from November 1977 through April 1978. In Webb, Zapata, and Duval counties virtually no measurable rain fell from February to April causing most surface water available for livestock to disappear. The extended dry period became critical by early May in these counties when drought-related livestock deaths included 8000 or more head of cattle with lesser losses of sheep, horses, and poultry. In Kinney and Val Verde counties losses were an estimated 58,000 sheep and 31,000 goats which included the 1978 lamb and kid crops. These livestock losses accounted for all losses in the property category. An unestimated but significant loss is believed to have occurred in the economically important wild deer population.									
Cultivated crop losses were generally greatest in the normally unirrigated northern and eastern portions of the affected area with rangeland losses greatest in the southern and western portions. Throughout the entire area affected by the drought crop losses included 70 to 90 percent reduction in open range grasses; 50 to 70 percent reduction in improved pasture output; 40 to 60 percent loss of normal hay production for the 1977 crop; 30 to 60 percent reduction in summer 1977 yields of peanuts, sorghum, milo, and other small grains; 10 to 30 percent reduction in cotton yield with losses up to 75 percent in southern parts of the affected area; and 60 to 90 percent loss of winter and spring small grain and forage crops.									
Gillespie County	1	3:00 p.	10	*3	0	0	5	4	Hail
A severe thunderstorm intensified over northwest Gillespie County and moved southeastward over the community of Doss. Hail stones of tennis ball size and slightly larger covered the ground to a depth of 5 inches causing considerable damage to peach orchards and property damage to automobiles, windows, and roofs.									
Burnet County	1	3:15 p - 4:15 p.	30	*5	0	0	5	4	Hail
A thunderstorm containing golfball size hail and wind gusts of 50 to 60 mph crossed the northern end of Lake Buchanan from San Saba County, moved east-southeastward over the town of Burnet, and weakened near Bertram. All damage was hail-related with fruit trees, automobiles, roofs, and windows near Burnet receiving most damage.									
Kerr County	1	5:30 p.	30	*10	0	0	?	?	Hail
Damage was widespread but light to roofs, automobiles, and orchards as golfball size hail and high winds accompanied a brief thunderstorm. This storm moved quickly from near Mountain Home to just west of Comfort before weakening.									
Del Rio to 50 miles east of San Antonio	2	2:30 p - 7:45 p.	175	*60	0	3	6	6	Wind, Hail
A north-south line of thunderstorms which extended across the entire state became severe on its southern end as it moved eastward from the Texas hill country during the afternoon. High winds and hail were coincidental along the entire storm path, however all crop damage can be attributed to hail while winds caused the major property damage. In Del Rio gusts to 76 mph as measured at Laughlin Air Force Base caused damage to windows, roofs, signs, and weak out-buildings as 1/2 inch hail fell. An estimated \$200,000 damage occurred to irrigated crops south of the Balcones Escarpment in each of Kinney, Uvalde, and Medina counties due to 1/2 to 3/4 inch hail. North of the escarpment in these counties and also over Edwards, Real, Bandera, Kerr, and Kendall counties fruit trees and gardens were damaged. Minor wind damage occurred in rural areas, but gusts unofficially measured at 70 mph caused extensive damage over the center of San Antonio. Three persons were injured by flying glass when winds estimated at 90 mph shattered windows in the Tower of Americas in downtown San Antonio about 7 pm CST. The line of storms continued eastward causing some minor damages in Guadalupe, Atascosa, and Gonzales counties but weakened thereafter.									
Castroville, Medina Co.	2	6:20 p.	Short	Narrow	0	0	3	0	Tornado
A small brief tornado was observed to touch ground near the Cottan farm off Talley Road 16 miles east of Castroville. The tornado occurred on the trailing edge of a line of thunderstorms. A small barn fences, and trees were damaged by the tornado while flying debris caused damage to an automobile.									

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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)									
SOUTHERN									
Fredericksburg, Gillespie Co. to Bastrop, Bastrop Co.	2	6:30 p.-7:45 p.	90	*5-15	0	0	4	3	Hail
A large severe thunderstorm embedded in an eastward moving line developed west of Fredericksburg, moved east to Johnson City, intensified further in the Austin area, and finally weakened near Bastrop. 1/4 inch hail covered the ground at Fredericksburg, 1/2 inch hail occurred at Johnson City, 1/4 inch hail was reported just south of Bergstrom Air Force Base near Austin causing damage to mobile homes. Elsewhere on the storm path minor crop damage occurred to rangeland and gardens.									
8 miles northeast of Boerne, Kendall Co.	2	6:45 p.							Funnel Cloud
The funnel was observed to move eastward aloft behind a line of thunderstorms.									
San Antonio	2	7:16 p.							Funnel cloud
Texas Department of Public Safety personnel observed the funnel over Highway 90 at Interstate 35 on the east side of San Antonio.									
Southern Harris and Northern Brazoria Co.	2	10:45 p.	?	?	0	0	3	?	Wind
A thunderstorm produced strong wind gusts measured at 72 mph in Pearland, Brazoria Co. Damage was light with numerous power outages occurring.									
Uvalde Co.	11	2:30 a.	15	?	0	0	?	?	Wind
Uvalde police reported high winds estimated at 70 mph with a thunderstorm moving from 5 miles west of Uvalde to 10 miles north of Uvalde. No significant damage was apparent.									
Houston, Harris Co.	29	4:20 p.	**250	20	0	0	5	0	Tornado
The small tornado occurred in the northeast part of Houston damaging two houses at 5907 Wedgfield and 6013 Bobby Burns Drive as it moved southeastward. One house was lifted off its foundation and moved 5 feet while occupants of the other house observed their roof twisted off by the tornado. Also damaged were contents of both houses, several automobiles, and adjacent power lines.									
Hays Co.	29	5:20 p.	30	*5-10	0	0	5	?	Wind
A thunderstorm moved from west of Wimberley to just east of San Marcos with wind gusts estimated 65 to 80 mph. Large trees were blown down, roofs and signs were damaged.									
TEXAS WESTERN									
Slaton, Lubbock County	2	1:25 a.			0	0	?	?	Hailstorm
Hail of up to 1.75 inches in diameter was reported.									
Seminole, Gaines County	2	5:20 a.			0	0	?	?	Hailstorm
Hail as large as 1.75 inches in diameter was reported by the Department of Public Safety. The hail completely covered the ground.									
Acuff, Lubbock County	2	6:42 a.	3	60	0	0	?	?	Tornado with hail and high wind
The tornado was spotted by the public just west of Acuff, moving in an easterly direction. Accompanying the storm were 70 mph winds and .5 inch diameter hail. The wind damage stretched from 4 miles west of Acuff to 6 miles east of Acuff, consisting mainly of roof damage. The hail damage was very spotty and was mainly confined to cotton crops between 6 and 15 miles east of Acuff.									
Lubbock, Lubbock County	2	7:40 a.			0	0	2	0	Wind and hailstorm
Winds gusting to 62 mph caused a piece of roofing to land on a glider inside a hangar, causing minor damage. Hail was also reported measuring as large as 1.75 inches in diameter, but no damage was reported.									
Crane, Crane County	2	8:35 a.	2	30	0	0	0	0	Tornado
A tornado was reported by the Crane Police Department moving northeast in open country. No damage was reported.									
Grape Creek, Tom Green County	2	1:00 p.			0	0	?	?	Hailstorm
Hailstones with diameters as large as 1.75 inches were reported by Department of Public Safety Officers. Some of the stones were described as jagged in appearance.									
Acuff, Lubbock County	2	6:55 p.			0	0	3	0	Windstorm
Winds estimated as high as 70 mph caused slight damage to a barn 4 miles west of Acuff. No other damage was reported.									
TEXAS (continued)									
WESTERN									
San Angelo, Tom Green County	2	7:08 p.			0	0	0	0	Windstorm
Winds gusting to 58 mph were reported at Mathis Field near San Angelo. No damage was reported.									
San Angelo, Tom Green County	2	7:50 p.			0	0	?	?	Hailstorm
Saucer-shaped hailstones measuring 2 inches in width and 1 inch thick fell for ten minutes in the area. Damage is unknown.									
Big Lake, Reagan County	2	9:35 p.	2	30	0	0	0	0	Tornado
An unconfirmed tornado was reported by the public just northeast of Big Lake. No damage was reported as the tornado quickly lifted back into the clouds.									
Sterling City, Sterling County	2	10:15 p.			0	0	?	?	Hailstorm
Hailstones as large as 1.75 inches in diameter were reported. Damage is unknown.									
Darrouzett, Lipscomb County	3	4:30 p.	7	400	0	0	5	3	Tornado
A tornado was sighted just north of the town. It damaged a tank and destroyed a windmill and tower and creepfeeder before lifting back into the clouds.									
Stratford, Sherman County	4	4:50 p.	16	60	0	0	5	?	Tornado
The tornado formed 10 miles north of Stratford, and moved southeastward, re-entering the cloud 6 miles south of Stratford thirty minutes later. The only reported damage was to corrals and one tank.									
Stratford, Sherman County	4	5:40 p.			0	0	0	0	Funnel
A funnel was sighted 26 miles southeast of Stratford. It returned to the cloud after a few minutes. No damage occurred.									
Amarillo, Potter County	4	8:00 p.			0	0	0	0	Funnel
The funnel was observed by Department of Public Safety personnel for approximately five minutes. The funnel returned to the cloud without causing damage.									
Dalhart, Dallam County	5	5:45 p. 6:30 p.	3 2	30 30	0 0	0 0	0 0	0 0	Tornado Tornado
The tornado was reported by the public 30 miles west of Dalhart. It touched down very briefly and returned to the cloud without causing damage. Forty-five minutes later a second tornado touched down briefly near the Flight Service Station at Dalhart. Again, no damage was indicated.									
Wilson, Lynn County	5	6:18 p.			0	0	3	6	Hailstorm
Hail with diameters up to 2.5 inches was reported. Damage from this storm was mainly to cotton crops.									
Roby, Fisher County	6	5:44 p.			0	0	0	0	Hailstorm
Hailstones with diameters as large as 1.75 inches were reported 6 miles south of Roby in open country. No damage was indicated.									
Vega, Oldham County	6	7:20 p.			0	0	0	0	Funnel
The funnel was sighted in a line of thunderstorms by the pilot of a small jet. No damage occurred.									
Grape Creek, Tom Green County	6	7:20 p.			0	0	0	0	Funnel
Unconfirmed report by public of a funnel near Grape Creek, moving east. The funnel was short-lived.									
Water Valley, Tom Green County	6	7:25 p.			0	0	?	?	Hailstorm
Hail measuring 2.5 inches in diameter was reported by the public. Damage is unknown.									
Amarillo, Potter County	6	8:45 p.			0	0	?	?	Hailstorm
Hail fell in the north and northwest parts of Amarillo with diameters ranging up to .75 inches. Damage is unknown.									
Ozona, Crockett County	11	2:15 p.			0	0	0	0	Hailstorm
Hail with diameters of up to .75 inches fell in open country 11 miles south of Ozona causing no known damage.									

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MAY 1978

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	
TEXAS (continued) WESTERN									
Post, Garza County	18	5:58 p			0	0	4	4	Hailstorm
Hail with diameters of .75 inches fell near Post. The damage indicated was minor structural damage to homes and minor damage to cotton crops northeast of the town.									
Grassland, Lynn County	18	7:12 p			0	0	5	6	Hailstorm
Hail, accompanied by 2.5 inch rains, fell in a twelve mile path from southwest of Grassland to near Post. Diameters ranged as high as 1.75 inches. Damage to the roofs of houses and to irrigated cotton crops was reported as well as minor flooding due to the heavy rains.									
Slaton, Lubbock County	19	1:24 a			0	0	6	5	Hailstorm
Hail as large as 1.75 inches in diameter, along with moderate rain, caused considerable damage to vegetation as well as roofs and windows. Hail covered the streets. Several cars were reported off the road.									
Perryton, Ochiltree County	19	1:28 a			0	0	?	?	Hailstorm
Hail was reported 10 miles east of Perryton, measuring as large as 1.75 inches in diameter.									
Fabens, El Paso County	19	3:00 p			1	1	0	0	Lightning
Two men, picnicking with a third person under a tree near Fabens, were hit by lightning. One man was killed and the second was hospitalized but recovered. No other injuries were reported.									
Edmonson, Hale County	19	4:23 p	2	30	0	0	3	0	Tornado
The tornado was reported to have touched down briefly 7 miles west of Edmonson causing minor damage to fences and trees.									
Kress, Swisher County	19	4:45 p	3	30	0	0	0	0	Tornado
A tornado was sighted just southeast of Kress. It touched down briefly but caused no damage.									
Pamell, Hall County	19	6:40 p	5	50	0	0	0	0	Tornado
A tornado was sighted near Pamell but no damage was reported.									
Paducah, Cottle County	19	6:50 p	7	50	0	0	4	0	Tornado, Hailstorm
A tornado touched down 15 miles east of Paducah, blowing a pickup truck 150 yds., breaking three light poles and removing the roof from a shed. One-inch diameter hail was also reported. No crop damage was indicated.									
Shamrock, Wheeler County	20	11:31 p	2	30	0	0	0	0	Tornado
The tornado was sighted by the public. It touched down briefly and returned to the cloud. No damage was indicated.									
Wheeler, Wheeler County	21	3:15 p 3:24 p			0	0	0	0	Funnel Funnel
Two funnels were reported by the public with no indicated damage.									
Texoma, Sherman County	21	7:05 p			0	0	0	0	Funnels (2)
Two funnels were sighted by the Sheriff's Department. No damage was indicated.									
Amarillo, Potter County	21	10:40 p			0	0	?	?	Hailstorm
Hail to 1.75 inches in diameter fell for a period of 30 minutes along with heavy rain. Considerable street flooding as well as flooding of underpasses occurred. Damage is unknown.									
Denver City, Yoakum County	23	7:22 p			0	0	3	5	Hailstorm
Hail measuring up to 1.75 inches in diameter was reported by the police. The hail continued to fall for 10 minutes, and damaged cotton crops in the fields.									
Seminole, Gaines County	23	7:45 p			0	0	?	?	Hailstorm
Hail fell with diameters of up to 1.75 inches ten miles northwest of Seminole. Damage is unknown.									

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TEXAS (continued) WESTERN									
Denver City, Yoakum County	23	8:00 p			0	0	5	5	Hailstorm
Hail measuring up to 1.75 inches in diameter fell in the eastern part of the town. It broke windows in a large number of mobile homes and damaged trees in the area.									
Brownfield, Terry County	23	8:31 p			0	0	0	0	Funnel
A funnel cloud was sighted by a pilot 8 miles south of Brownfield. No other information was available.									
Guadalupe Peak, Oulberson County	24	12:30 a			0	0	0	0	Windstorm
Wind gusts were recorded to 69 mph. No damage or injuries were reported.									
Edmonson, Hale County	24	1:20 p			0	0	0	0	Funnel
Short-lived funnel was reported by the public one-half mile west of Edmonson.									
Sunray, Moore County	24	5:04 p			0	0	?	?	Hailstorm
Hail as large as 1.75 inches in diameter was reported by the Sheriff's Department. Damage is unknown.									
Spearman, Hansford County	24	5:50 p			0	0	0	0	Funnel
The funnel was reported by the City Police Department ten miles southwest of Spearmen. It returned to the cloud shortly after it had formed.									
Spearmen, Hansford County	24	6:20 p			0	0	?	?	Hailstorm
Hail with diameters as large as 4.5 inches was reported. Damage is unknown.									
Gruver, Hansford County	24	8:30 p			0	0	?	?	Hailstorm
Hailstones measuring 1.75 inches in diameter were reported by the public. Damage was unknown.									
Monahans, Ward County	25	3:25 p			0	0	0	0	Hailstorm
Hail with diameters of up to 1.75 inches was reported 10 miles west of Monahans in open country. No damage was indicated.									
Stratford, Sherman County	25	3:55 p			0	0	?	?	Wind and Hailstorm
Wind gusts to 60 mph along with .5 inch diameter hail were reported with the hail completely covering the ground 8 miles west of Stratford.									
Iraan, Crockett County	25	5:00 p			0	0	3	0	Windstorm
Wind gusts estimated at 70 mph did only minor damage in the area of Iraan.									
Fort Stockton, Pecos County	25	5:40 p			0	0	?	?	Hailstorm
Hail as large as 1.75 inches in diameter fell in the Fort Stockton area for approximately ten minutes. Damage is not known.									
Fort Stockton, Pecos County	25	6:15 p	2	40	0	0	5	0	Tornado, Windstorm
A tornado accompanied by winds estimated at 70 mph demolished the city incinerator & damaged five house trailers.									
Lubbock, Lubbock County	25	6:20 p	4	60	0	0	5	7	Tornado, Wind & Hailstorm
The tornado was first sighted 5 miles south of Lubbock moving east & disappeared after 15 minutes. Winds gusting 60 mph and hail .75 inches in diameter accompanied the storm. Two aircraft were slightly damaged along with two hangars that were damaged.									
Hereford, Deaf Smith County	25	6:25 p	5	60	0	0	5	0	Tornado
A tornado destroyed two barns & damaged one mobile home in the Hereford area. No damage was reported to crops.									
Lubbock, Lubbock County	25	6:35 p	1	30	0	0	0	0	Tornado
A small, short-lived tornado was reported 10 miles southeast of Lubbock by the Sheriff's Department. No damage was indicated.									

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
Canyon, Randall County	25	6:45 p			0	0	0	0	Windstorm
									Winds gusting to 60 mph were reported 10 miles west of Canyon. The winds continued for 20 minutes. No damage was reported.
Vega, Oldham County	26	3:44 p			0	0	0	0	Funnel
									A funnel was sighted by the public near Vega. No damage was reported.
Hereford, Deaf Smith County	26	3:55 p			0	0	?	?	Hailstorm
									Hail with diameters measuring up to 1.75 inches was reported. Damage is unknown.
Pecos, Reeves County	26	4:00 p	2	60	0	0	5	0	Tornado, Hailstorm
									A tornado accompanied by 2.75 inch diameter hail destroyed a radio tower & did minor damage to homes in the southeast section of Pecos.
Hereford, Deaf Smith County	26	4:17 p			0	0	?	?	Hailstorm
									Hail as large as 1.75 inches in diameter was reported by the police department. Nothing is known of damages.
Dimmitt, Castro County	26	4:19 p			0	0	?	?	Hailstorm
									Hail with diameters as large as 1.75 inches fell for almost 15 minutes. Heavy rains accompanied the hail and low lying streets flooded while some higher streets were covered by the hail.
Pecos, Reeves County	26	4:30 p	1	30	0	0	0	0	Tornado
									A tornado was sighted in open country 15 miles east of Pecos. The tornado was short-lived and no damage was reported.
Happy, Swisher County	26	5:19 p			0	0	0	0	Funnels (3)
									Three funnels were reported by the public 5 miles west of Happy. All three were short-lived & occurred in rapid succession.
Hereford, Deaf Smith County	26	6:07 p			0	0	0	0	Windstorm
									Winds in excess of 65 miles an hour were reported northwest of Hereford by the Sheriff's Office. No damage was indicated.
Dawn, Deaf Smith County	26	6:10 p			0	0	0	0	Funnels (?)
									A series of small & short-lived funnels were observed near Dawn.
Lubbock, Lubbock County	26	6:20 p	5	30	0	0	?	?	Tornado, Hailstorm
									The tornado first appeared as a funnel 5 miles south of Lubbock. It quickly descended to the ground in open country & moved eastward & disappeared back into the cloud. Three-fourth inch hail accompanying the storm hit the Lubbock International Airport 3 miles northeast of the city with light damage to 3 aircraft and 1 hangar.
Canyon, Randall County	26	6:27 p			0	0	?	?	Hailstorm
									Hail with diameters of up to 1.75 inches was reported in an area between Buffalo Lake and northwestern Canyon. The damage is unknown.
Farwell, Farmer County	26	6:35 p			0	0	?	?	Windstorm
									Winds estimated at 80 mph were reported at Farwell. Damage due to the storm is not known.
Canyon, Randall County	26	6:56 p	1	40	0	0	0	0	Funnels (2) Tornado
									A tornado was sighted by a weather spotter southwest of Canyon along with two funnels. The tornado touched down briefly in open country & returned to the parent cloud without causing damage.
Hereford, Deaf Smith County	26	7:04 p	2	30	0	0	5	0	Tornado
									A tornado was spotted just southwest of Hereford by the public & confirmed by the Sheriff's Department. The tornado damaged 4 barns before returning to the cloud.
Canyon, Randall County	26	7:24 p			0	0	0	0	Windstorm
									Winds estimated at 90 mph were noted 2 miles southwest of Canyon & reported to the news media. No damage was indicated.
TEXAS (continued)									
WESTERN									
Hereford, Deaf Smith County	26	7:25 p	2	50	0	0	?	?	Tornado
									The tornado was sighted by officers of the Department of Public Safety between Hereford & Dimmitt. Damage from the storm is unknown.
Canyon, Randall County	26	7:27 p			0	0	0	0	Windstorm
									Winds in the area of western Canyon were estimated for a brief period to be 80 mph. No damage was indicated.
Canyon, Randall County	26	7:38 p			0	0	0	0	Funnel
									A funnel cloud just east of Lake Tanglewood was spotted by a resident near the lake. The funnel was visible for approximately 5 minutes.
Anarillo, Potter County	26	8:50 p			0	0	?	?	Flooding
									Heavy street flooding was reported by the Sheriff's Office at this time. Estimates of damage are not yet available.
Midland, Midland County	26	9:25 p			0	0	0	0	Hailstorm
									Hail with diameters of up to 1.75 inches was reported in open country 15 miles west of Midland with no damage indicated.
Canyon, Randall County	26	9:55 p -4:00 a			4	15	7	7	Flooding
									The first reports of cars stranded in the Canyon area as well as reports of extensive flooding in the areas east of the city & in Palo Duro Canyon were received at this time. The flooding was brought about by rains in excess of 10 inches that fell in a period of 90 minutes just west of Canyon, TX. At the confluence of Palo Duro & Tierra Blanca Creek, east of Canyon, the water rose to a stage of 27.1 feet. The previous high stage was 20.7 feet during the floods of August 1968. The damage was widespread over Randall County. More than 15 homes were destroyed with major damage to 81 & minor damage to 37. 27 mobile homes were destroyed along with 300 automobiles & 12 camping trailers. Over 100 apartments, 3 country clubs & 3 dams suffered major damage. Numerous residents & campers in the area were stranded, many clinging to trees for a period of several hours before they could be rescued. 15 persons were injured and 4 persons drowned during the flooding. This clearly was the most devastating flood in the Randall County area since weather records were first kept.
Hedley, Donley County	26	10:00 p	1	40	0	0	4	0	Tornado
									A tornado accompanied by heavy rains destroyed a house near Hedley. No one was injured. Due to the rains, extensive street flooding occurred in the area of Hedley & Clarendon.
Memphis, Hall County	26	10:19 p	3	60	1	0	0	0	Tornado
									One man was killed just north of Memphis as a tornado struck the area. The exact time of death was not certain. No other injuries or damages were indicated.
Memphis, Hall County	26	10:38 p 10:40 p	1 1	30 40	0 0	0 0	0 0	0 0	Tornadoes (2)
									Two small tornadoes were spotted by Department of Public Safety Officers just north of Memphis. No damage was indicated.
Quail, Collingsworth County	27	2:00 a	2	30	0	0	0	0	Tornado
									A small, short-lived tornado was observed in open country 10 miles southwest of Quail in Collingsworth County. No damage was indicated.
Adrian, Oldham County	27	1:54 p			0	0	?	?	Hailstorm
									Hailstones measuring 1.75 inches in diameter were reported in the vicinity of Adrian. No damage reports were available.
Fort Stockton, Pecos County	27	2:00 p			0	0	0	0	Hailstorm
									Hailstones were observed just northeast of Fort Stockton in open country. Diameters of the stones measured .75 inches. No damage was reported.
Tulia, Swisher County	27	2:04 p			0	0	?	?	Hailstorm
									The Sheriff's Department reported that 1.75 inch diameter hail fell in Tulia for about 9 minutes. Damage is unknown.

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TEXAS (continued)									
WESTERN									
Memphis, Hall County	27	2:08 p	1	30	0	0	0	0	Tornado
		The public reported that a tornado touched down briefly 4 miles southeast of Memphis. The storm did not cause damage.							
Hartley, Hartley County	27	2:15 p			0	0	0	0	Funnel
		A funnel was sighted 5 miles north of Hartley, but quickly returned to the parent cloud.							
Fort Stockton, Pecos County	27	3:45 p			0	0	?	?	Hailstorm
		Hail measuring 1.75 inches in diameter was reported in and around Fort Stockton. No damage reports were available.							
Post, Garza County	27	3:22 p			0	0	0	0	Hailstorm
		Heavy rain & some flooding of low lying areas accompanied a hailstorm that dropped .75 inch hail 5 miles north of Post in open country. No damage occurred.							
Tulia, Swisher County	27	3:30 p			0	0	0	0	Funnel
		A funnel was sighted just north of Tulia. It returned to the cloud without causing damage.							
Pampa, Gray County	27	4:08 p			0	0	?	?	Hailstorm
		1.75 inch diameter hail fell in and around Pampa. Damage due to the storm is not known.							
Canyon, Randall County	27	7:27 p			0	0	3	0	Windstorm
		Winds estimated at 70 to 80 mph were observed just to the west of Canyon. Only relatively minor damages were sustained to roofs and farm equipment.							
Texline, Dallam County	27	8:37 p			0	0	?	?	Hailstorm
		Hail measuring 1.75 inches in diameter fell for a short period of time at Texline. Damage is unknown.							
Alpine, Brewster County	28	1:30 p			0	0	0	0	Hailstorm, Funnel
		The funnel was sighted by the police department 5 miles southeast of Alpine. It remained in view for 2 minutes & returned to the cloud. Hail from the same thunderstorm cell was reported at 1:34 pm 3 miles to the east of the funnel. 6 of diameter .75 inches. No damage was reported.							
Sterling City, Sterling County	28	3:20 p			0	0	3	?	Hailstorm
		Hail as large as 1.75 inches in diameter was reported in Sterling City. Damage was reported to one police car with minor damage to homes in the area. Crop damage is not known.							
Water Valley, Tom Green County	28	5:20 p			0	0	?	?	Hailstorm
		1.75 inch diameter hail fell 1 mile north of Water Valley. No damage estimate is available.							
Lorraine, Mitchell County	28	6:45 p	3	60	0	0	0	3	Tornado
		A tornado was spotted near Lorraine for a brief time. Only minor crop damage occurred.							
Snyder, Scurry County	28	7:15 p	1	30	0	0	?	?	Hailstorm, Tornado
		Small hail of unknown size accompanied the tornado that hit 10 miles northwest of Snyder. The tornado occurred only for a short time. Heavy rains were also reported in the area.							
Post, Garza County	28	7:50 p			0	0	0	0	Funnel
		A short-lived funnel was spotted by a passing motorist 10 miles southeast of Post.							
Post, Garza County	28	8:40 p	7	90	0	0	0	0	Tornado
		The tornado was sighted by the Sheriff's Office over 14 miles east of Post over open ground near Highway 380. The tornado lasted nearly 20 minutes before disappearing into an area of heavy rain. It caused no damage.							
Tulia, Swisher County	31	3:15 p			0	0	?	?	Hailstorm
		Hailstones measuring 1.75 inches in diameter fell in an area from 5 miles south of Tulia to 6 miles west of Tulia. Damage from the hail is not known.							
TEXAS (continued)									
WESTERN									
Westway, Deaf Smith County	31	3:35 p	2	30	0	0	0	0	Tornado
		The tornado was sighted just southwest of Westway moving toward the east. No damage was reported.							
Black, Famer County	31	3:50 p	1	30	0	0	0	0	Tornado
		A tornado was sighted briefly 1 mile north of Black. No damage was reported.							
Anarillo, Potter County	31	6:42 p			0	0	0	0	Windstorm
		Winds estimated at 50 to 60 mph occurred just southwest of the City of Anarillo. No reports were received concerning damage.							
UTAH									
Utah County									
	11	4:00 a 6:30 a	--	--	--	--	--	6	Killing frost
		Temperatures dropped sharply during the early morning hours and averaged between 17 and 31 degrees. Considerable damage was noted to apricots, delicious apples, sweet and sour cherries and pears. Damage was estimated between 3 and 3 1/2 million dollars.							
Tooele, Weber, Davis and Salt Lake Counties	15	4:00 p 6:00 p	--	--	--	--	--	5	High wind
		A strong but dry cold front moved through Northern Utah during the afternoon. Strong, gusty winds developed ahead and along the front. Peak wind gusts of 52 mph from the south were noted at 4:27 pm MST at Salt Lake City Airport. Estimated peak wind gusts of 90 mph from the north struck the Wendover area and blew over box cars of a Western Pacific Train about 2 miles east of Wendover, around 5:30 pm MST. Minor tree and power line damage was noted in the Salt Lake-Ogden area. Approximately \$200.00 dollars damage was noted with the overturned train.							
VERMONT									
AREAWIDE									
	9	6:30p- 7:30p			0	0	4	0	THUNDERSTORMS
		A line of thunderstorms in advance of a cold front moved from West to East thru the State. Numerous power outages were caused by downed trees and powerlines. Heavy rain and quarter-size hail was also reported. Several traffic accidents were a result of the heavy rain. One residence in Newport, Orleans County reported a roof blown off by the strong winds during the storm. The only injuries were those suffered in traffic accidents.							
VIRGINIA									
South Central									
	4-5				0	0	3	3	Rain
		Between two and three inches of rain fell over much of the area in the 24-hour period of the morning of the 4th thru morning of the 5th. Some roads had to be closed due to high water and three schools in the Snowsville area, Montgomery County, also closed due for a day. Some loss to newly-planted potato crop due to wet conditions. Slight flooding of Dan and Appomattox Rivers occurred on the 5th.							
Tidewater Area	9-14				0	0	0	5	Tidal Flooding
		Persistent southerly wind flow combined with prolonged rains during the period resulted in flooding of hundreds of acres of farmland in the Back Bay-Pungo sections of Virginia Beach.							
Central	13	Afternoon			0	0	3	3	Rain, Wind
		Line of thunderstorms swept thru the area, dumping over two and a half inches of rain during a short period. Heaviest rain was in Albemarle County where several roads had to be closed for a brief period due to high water. In Richmond, 1,000 persons were without power after wind damaged power lines.							
Kempville Section, Virginia Beach	31	12:45 p			1	1	3	0	Lightning, Rain
		Construction worker struck by lightning as he was heading for car to get away from storm. Although reportedly responding to treatment, he died in a Norfolk hospital about 15 hours later. Another worker was hit and knocked down by the same bolt. He was taken to a hospital where he was treated and released. The storm also dumped up to 5 inches of rain in some localities. The roof of an unoccupied store collapsed under the weight of the rain water, and local minor flooding occurred in some areas.							
VIRGIN ISLANDS									
Off Western St. Thomas	2	2:30 p.			0	0	0	0	Waterspout
Off Western St. Thomas	9	3:30 p.			0	0	0	0	Waterspout
Off Western St. Thomas	23	6:30 p.			0	0	0	0	Waterspout
WASHINGTON									
NONE REPORTED									

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					KILLED	INJURED	PROPERTY	CROPS		
WEST VIRGINIA			NONE REPORTED							
WISCONSIN			NO REPORT RECEIVED							
WYOMING										
Laramie, 20 mi. E	17	unknown	?	?	0	0	0	0	Tornado	
		Two funnel clouds were seen--one touched the ground doing very minor damage to crops.								
Between Douglas and Shawnee	18	unknown	?	?	0	0	0	0	Tornadoes	
		Four tornadoes were reported in the area over a 3-hour period. No specific information damage was implied.								
Gillette, 4 mi. S	22	7:00 p.	3	140	0	0	0	5	C Tornado Lightning Wind	
		This tornado caused only minor damage to one house; however, lightning from the same thunderstorm caused an explosion and fire to oil tank. Minor wind damage to fence, shed, and crops reported also.								
Gillette, 25 mi. W	23	4:30 p.	15	180	0	0	0	5	C Tornado, hail and wind	
		Tornado caused major damage to several mobile homes in the Gillette area. High winds overturned several mobile homes in area with no serious injuries reported. Golf-ball sized hail from same storm caused widespread damage to homes and cars in the Gillette area.								
Douglas, 15 mi. ESE	27	12:14 p.	3	160	0	0	?	?	Tornado	
		Apparently very little damage was caused by this tornado as it was in open area.								
Gillette, 22 mi. W	29	5:30 p.	3	160	0	0	?	?	Tornado	
		No specific information on damage was given, but implied as "insignificant."								
Lovell	4	24 Hrs			0	0	0	5	C Flood	
		Heavy rains caused widespread flooding between Lovell and Emblem, Wyoming. Several homes were damaged with some damage extensive.								
Central and East portions Wyoming	4	5	24 Hrs		0	?	0	7	C Snow storm	
		This late spring snowstorm dumped 15 to 32 inches of wet heavy snow over much of central and eastern Wyoming including 11 counties (Big Horn, Campbell, Converse, Crook, Johnson, Natrona, Sheridan, Washakie, Weston, Hot Springs, and Niobrara). Extensive damage to crops and livestock was estimated at \$11,743,890. Numerous local power outages were reported. Many county and state roads were closed, especially in the Laramie area. Interstate 80 was closed west of Cheyenne for nearly two days.								
Central and North portions of Wyoming	15 to 20	24 Hrs			0	?	0	7	C Flood	
		Heavy wet snow and record rains did very extensive damage to property, crops, and livestock in 12 counties (Park, Big Horn, Campbell, Converse, Crook, Johnson, Natrona, Sheridan, Washakie, Weston, Hot Springs, and Niobrara). Hundreds of homes were damaged, and many totally destroyed. Numerous bridges and sections of roads were washed out, power lines downed, with much damage to cars and personal property. Total estimated damages came to \$15.5 million.								
Lost Springs	16	6:30 p.	2	180	0	0	?	?	Tornado	
		A tornado was reported by the public but no specific information was given.								
Douglas, 35 mi. NE	16	8:00 p.	2	180	0	0	?	?	Tornado	
		This tornado destroyed one barn and a water tower.								
GEORGIA										
Columbus (Muscookee Co.)	1	830 AM	10	150	0	3	6	0	Tornado	
		A tornado touched down in Russell Co. Al. at 825 AM and moved eastward into the south side of Columbus. About \$2.5 million was done in the Columbus area, mostly to homes and trees. Nearly 200 homes were heavily damaged and another 200 suffered minor damage. Two of the injuries occurred at Watkins Motor Lines as brick walls caved in.								
Lavrens, Pulaski, Dooly, and Dodge Counties	1	10 AM			0	0	5	4	Windstorm	
		Strong thunderstorm winds damaged homes, cars, orchards and trees, mainly in the Dublin area.								
Turner County	1	10 AM			0	0	4	0	Windstorm	
		Strong thunderstorm winds demolished a barn in Rebecca.								
Chatham County	1	1130 AM			0	0	4	3	Windstorm	
		Strong thunderstorm winds knocked down trees and power lines in the Savannah area.								
Thomas and Lowndes Counties	1	3 PM			0	0	3	3	Wind and hail-storm	
		A thunderstorm with strong winds and 3/4" hail damaged trees and power lines. Some crop damage occurred in Lowndes County.								
Camden County	3	8 PM			0	0	4	3	Windstorm	
		Strong thunderstorm winds damaged storage buildings and damaged about 50 trees.								
Bacon County	3	8 PM			0	0	4	4	Windstorm	
		Strong thunderstorm winds damaged cars, homes, and many trees in the Alma area.								
Jasper-Morgan Counties	8	330 PM	15	100	0	0	4	4	Tornado	
		A mini-tornado touched down just east of Monticello at 430 PM and travelled northeastward into Morgan County. Extensive tree damage (in a circular pattern) occurred, and mobile homes and other structures were damaged.								
Murray County	8	4 PM	2	75	0	0	4	4	Tornado	
		A mini-tornado uprooted trees and damaged roofs and cars in Chatsworth. The funnel was witnessed by at least 3 people. The wall of a church was also blown down.								
Clayton and DeKalb Counties	8	520 PM	7	200	0	17	6	3	Tornado	
		A tornado touched down in Forest Park at 520 PM and moved northeastward into southern DeKalb County. Many homes suffered roof damage, and two apartment complexes were severely damaged as was a shopping center. Damage totalled \$6 million, and 2 people required hospitalization. (See enclosed report)								
Newton County	8	720 PM	9	100	0	0	5	3	Tornado	
		A mini-tornado demolished a garage, damaged a chicken house, and felled trees.								
Columbia and Richmond Counties	8	815 PM	25	100	0	0	6	4	Tornado	
		A tornado touched down near Martinez at 815 PM and travelled eastward across the northern sections of Augusta and into South Carolina. Damage to homes and trees totalled \$800,000 on the Georgia side.								
Worth and Tift Counties	8	1010 PM	8	75	0	0	4	3	Tornado	
		A mini-tornado damaged mobile homes and destroyed pecan trees near Ty Ty and moved into the Tifton area.								
Banks County	24	3 PM			0	0	3	0	Windstorm	
		Strong thunderstorm winds damaged a barn								
Warren County	24	3 PM			0	0	4	3	Windstorm	
		Strong thunderstorm winds damaged several farm buildings and blew down about 30 trees.								
Crisp County	26	330 PM			0	0	0	4	Windstorm	
		Strong thunderstorm winds caused extensive damage to a pecan grove.								
Bibb and Houston Counties	26	410 PM			0	0	3	3	Wind and hailstorm	
		Strong thunderstorm winds and marble-sized hail damaged roofs and pecan trees.								
Lowndes County	26	5 PM			0	0	3	5	Wind and hailstorm	
		An intense hailstorm caused considerable damage to a farm. The tobacco, oats, and corn crops suffered about \$150,000 damage.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

MAY 1978

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										
CALIFORNIA										
SOUTHERN										
Inyo County: Owens Valley	20		APRIL 1978						Windstorm	
				Mammoth Airport closed due to wind gusts to 60 mph.						
PENNSYLVANIA										
WESTERN										
Latrobe	1				1	0	0	0	Wind	
				An elderly man was killed when a gust of wind lifted him off his feet and slammed him to the sidewalk. The Latrobe airport recorded wind gusts to 85 mph.						
Johnstown	1				0	0	?	0	Wind	
				Wind gusts of 64 mph toppled trees, power lines and billboards. The roof of an old building collapsed near Portage.						
Meadville	4	1:26 pm			0	0	?	0	Lightning	
				Lightning struck a house and tree in Cussewago Township. Siding on the house was damaged.						
Smithfield	6	11:30 am			0	0	?	0	Lightning	
				Lightning struck a house, damaging the roof and frame, as well as touching off a small fire.						
Bedford County	21	Late am			0	0	?	0	Wind	
				High winds blew over and destroyed a mobile home as it was being moved along Rdute 220 along Black Oak Ridge.						
TEXAS										
SOUTHERN										
Harlingen, Cameron Co.	3	1:00a			0	0	4	?	Wind	
				High winds broke numerous plate glass windows, tore roofing off Starburst Ballroom, removed top of water tank tower, felled a tower from the top of a downtown building, and blew over many signs.						
Kinney Co.	9	10:30p	?	?	0	0	0	0	Hail	
				Severe thunderstorms produced golfball size hail over sparsely populated areas of Kinney Co. east of Brackettville.						
San Antonio Bexar Co.	10	1:00a	City-wide	0	0	4	0	0	Heavy rain	
				A thunderstorm dumped up to 2 inches of rain on the city within an hour causing flash flooding of low area. A number of cars were stalled in high waters, the San Antonio River overflowed its banks downtown flooding basements near the River Walk. Rapid buildup of water caused a large awning to collapse at Edgewood Shopping Center.						
East Bernard, Wharton Co. to Rosenberg, Ft. Bend Co.	22	6:00p.-6:50p.	15	Narrow	0	0	3	0	Tornado	
				The small tornado formed in a line of eastward-moving severe thunderstorms. It first touched down beside Hwy 60 five miles north of East Bernard destroying a grain bin as it travelled 100 yds. The funnel was then observed to move eastward aloft before briefly touching down a second time on the north side of Rosenberg where it downed power lines.						
Houston Area and surrounding counties	22	6:00p.-9:30p.		Widespread	0	0	4	?	Wind, Electrical	
				Line of severe thunderstorms moved eastward across Wharton, Fort Bend, Montgomery, Harris, Brazoria, Liberty, and Galveston counties. Widespread light damage occurred as winds broke glass, knocked down trees and signs, and damaged some roofs. Small hail accompanied the storms. Lightning caused numerous power outages in Fort Bend, Harris, and Montgomery counties and damaged the Channel 13 television tower in Houston.						
Hochheim, DeWitt Co.	23	3:25p.		Short Narrow	0	0	2	0	Tornado	
				The same severe thunderstorm that moved over San Antonio earlier in the day continued moving east to east-southeast and produced a brief small tornado as it passed over Hochheim. Only minor damage with no injuries occurred.						
Jarrell, Williamson Co.	24	7:15p			0	0	0	0	Funnel cloud	
				Public briefly observed the funnel cloud over Jarrell near developing thunderstorms.						
VIRGINIA										
Story Creek, Sussex County	26	Early Morning			0	0	4	0	Wind	
				Roof of peanut storage barn damaged by high winds to the extent of over \$6,000. Another structure nearby received some minor damage.						

CORRECTIONS										
VIRGINIA										
			APRIL 1978							
				Under listing of locations hit by tornado on April 19th...the third town should be <u>Dendron</u> (not <u>Denon</u>), Surry County.						
TEXAS										
SOUTHERN										
6 South of Johnson City, Blanco Co.	24	7:00 p.-	45	?	0	0	?	?	Hail	
				An isolated thunderstorm developed around 7 pm near Bertram in west Williamson County. This storm moved to the southwest and produced tennis ball size hail just south of Johnson City before weakening in southwest Blanco County.						

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

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

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