

FEBRUARY 1992

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STORM DATA



**AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS**



noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE,
DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, N.C.

Cover: An F4 tornado in Van Wert County, Ohio on February 18 destroyed this 1984 Chevy Wagon. It also destroyed another car, and damaged two other vehicles. (Photo courtesy: Jerry Lindsey, Dayton, Ohio.)

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STORM DATA

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National Climatic Data Center

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STORM DATA contains all confirmed information on storms available to our staff at the time of publication. However, due to difficulties inherent in the collection of this type of data, it is not all-inclusive. Late reports and corrections are printed in each edition.

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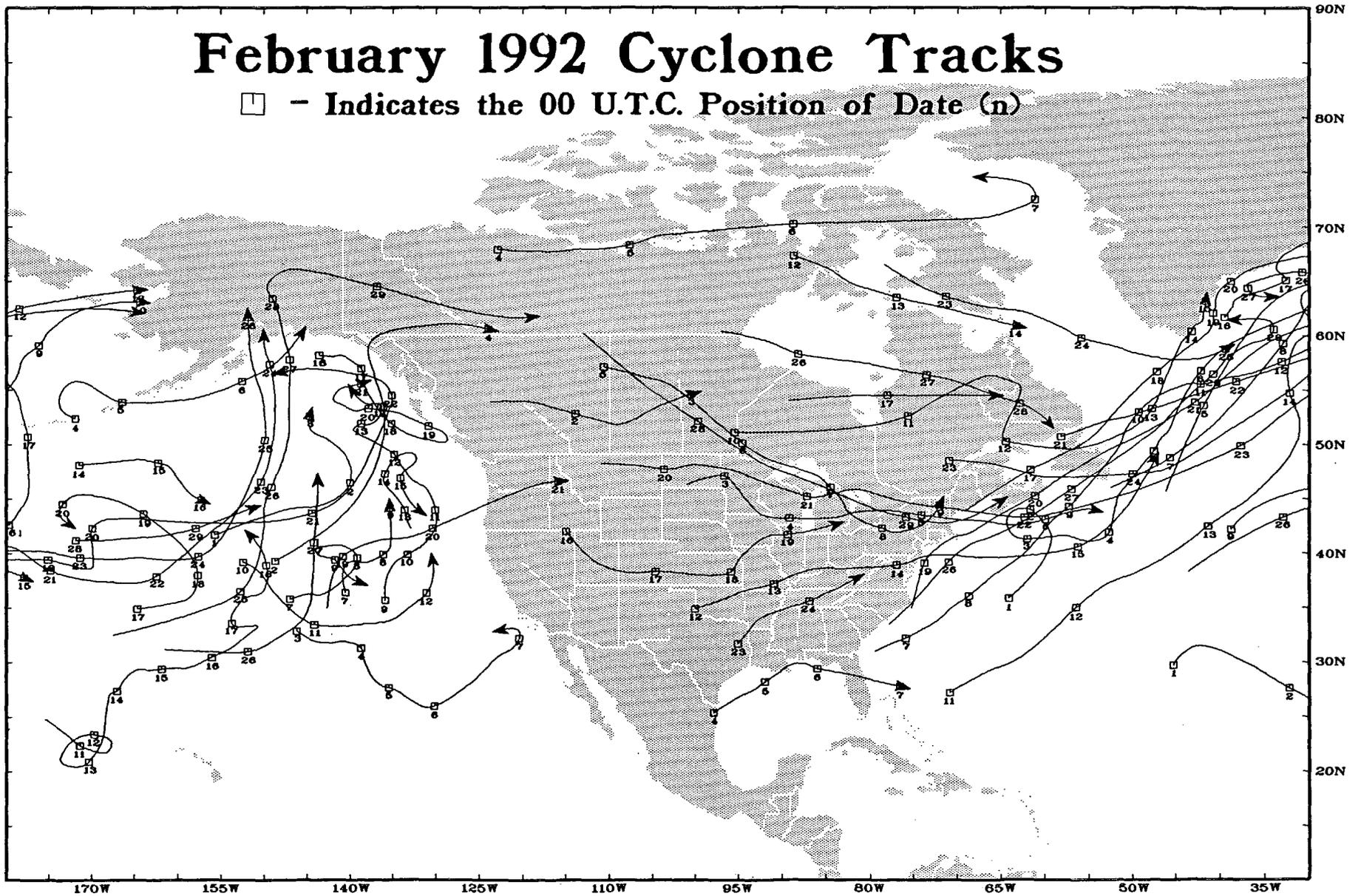
"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center, Asheville, North Carolina 28801-2733."



Director
National Climatic Data

February 1992 Cyclone Tracks

□ - Indicates the 00 U.T.C. Position of Date (n)



CLIMATIC DATA OF THE MONTH

PRECIPITATION AND TEMPERATURE ANOMALIES - FEBRUARY 1992

Table 1 lists the 98-year temperature and precipitation rankings for the nine climatically homogeneous regions in the United States outlined in Figure 1 below.

February 1992 ranked as the third warmest February nationally since 1895, only the Februaries of 1930 and 1954 averaged warmer. Much above normal temperatures for February 1992 were registered in more than half the United States (51.5%). The Central and northern Plains, and the northern Rockies saw positive anomalies of +8 °F to as much as > +14 °F. The West North Central region also experienced its third warmest February in 98 years of records. Only northern Maine and the San Luis Valley of Colorado averaged cooler than normal. The warmth was caused by the jet stream staying far to the north of its normal February position. Occasionally, cold air did make it into northern New England. Overall, six of the nine regions ranked February 1992 in the top tenth warmest Februaries on record. Juneau, Alaska averaged +5 °F for the same period. Hawaii was seasonable. (See Figures 2 and 3 on page 5.)

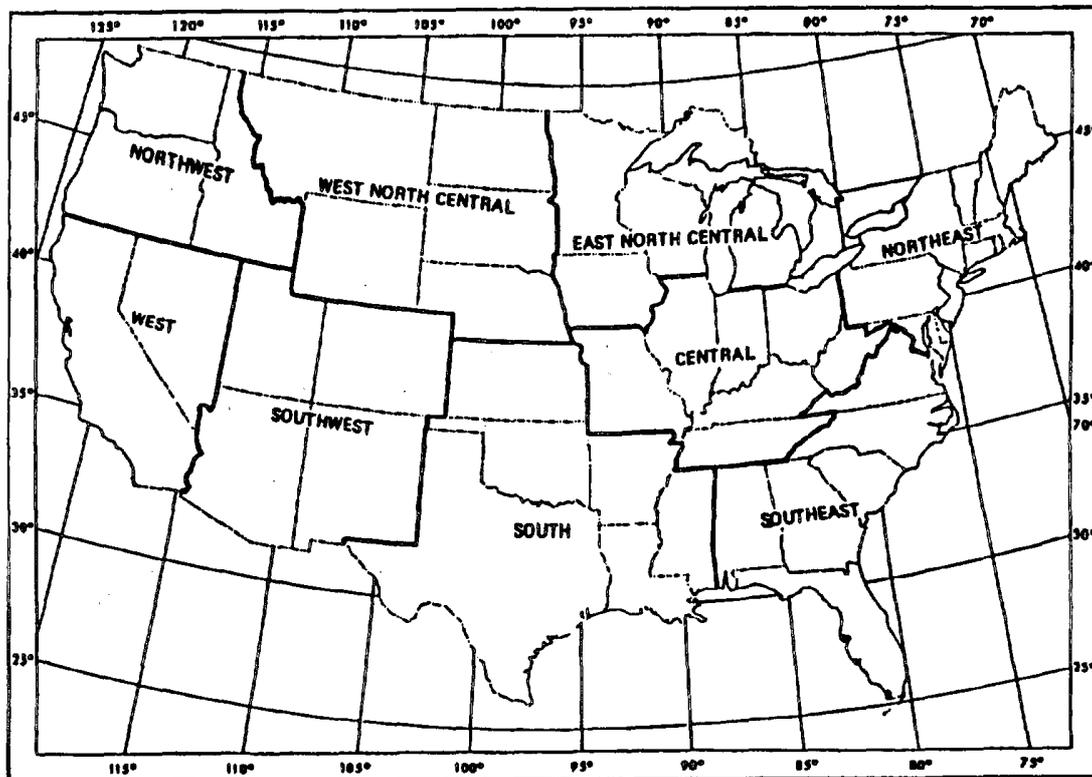
Nationally, February 1992 was the 33rd wettest February on record. The South and West regions logged their seventh and 16th wettest Februaries, respectively. Meanwhile, the West North Central region experienced its sixth driest February on record. A strong subtropical jet stream was responsible for bringing excessive amounts of rain along the Gulf Coast including eight to twelve inch totals in southern Texas. The largest rainfall totals were in California's southern Cascades and northern Sierra Nevada's where 20 to 25 inches of rain fell. Portions of the Plains, Ohio River Valley, Atlantic Coast, Rockies, and Far West experienced less than 50% of their average February precipitation. Some places in eastern Montana, the Rockies, and north central Oklahoma had less than a quarter of their average February precipitation. In contrast, much of California and Arizona, southern portions of Nevada, and Utah, as well as the Gulf Coast states experienced wetter than normal conditions. Southern Alaska remained wet while Kodiak (Aleutian Islands) only had 33% of its normal February rainfall and Point Barrow 50%. The Hawaiian Islands were drier than normal with Hilo only receiving 10% of its normal February rainfall. (See Figures 4 and 5 on page 6.)

TABLE 1. TEMPERATURE AND PRECIPITATION RANKINGS FOR FEBRUARY 1992, BASED ON THE PERIOD 1895-1992.
1 - DRIEST, 98 - WETTEST; 1 - COLDEST, 98 - HOTTEST.

REGION	PRECIPITATION	TEMPERATURE
Northeast	28	68
East North Central	60	93
Central	29	91
Southeast	60	77
West North Central	6	96
South	92	90
Southwest	64	87
Northwest	23	96
West	83	91
National	66	96

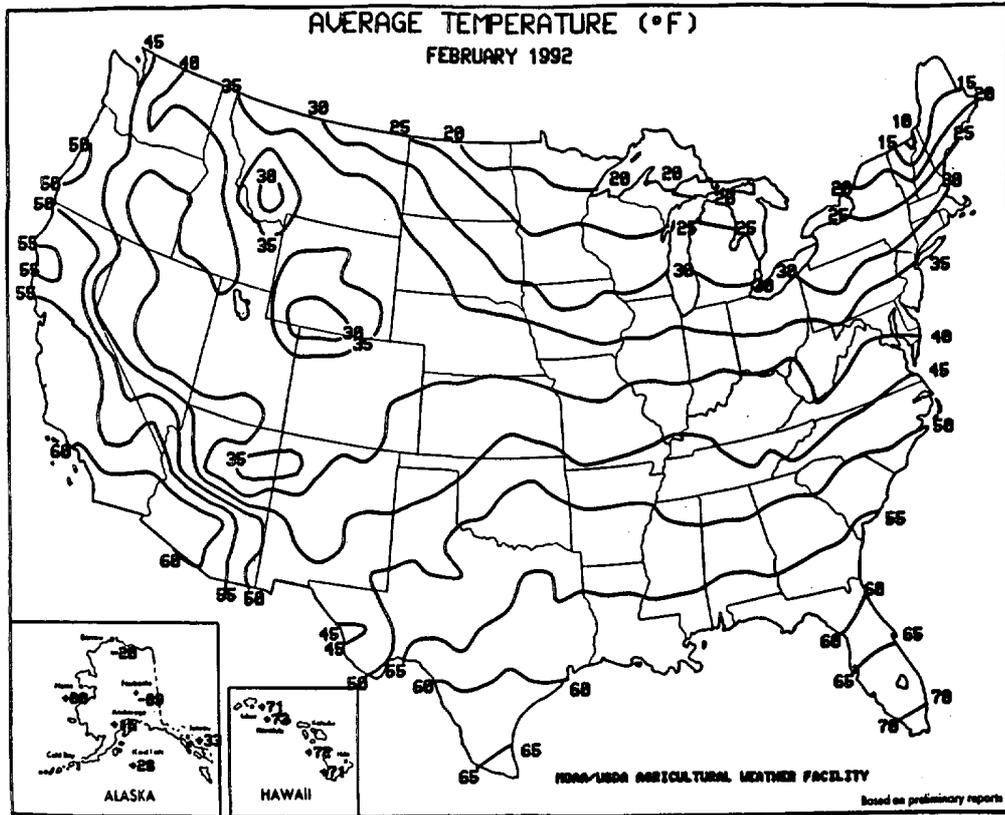
From National Climatic Data Center

Fig. 1



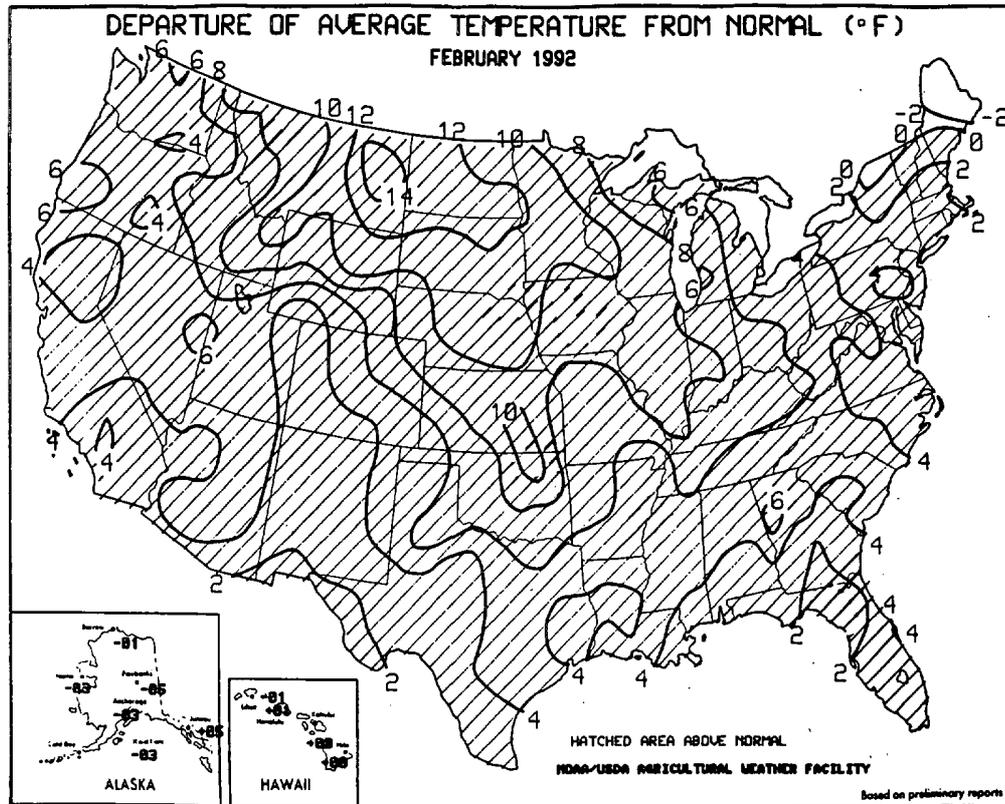
From National Climatic Data Center

Fig. 2



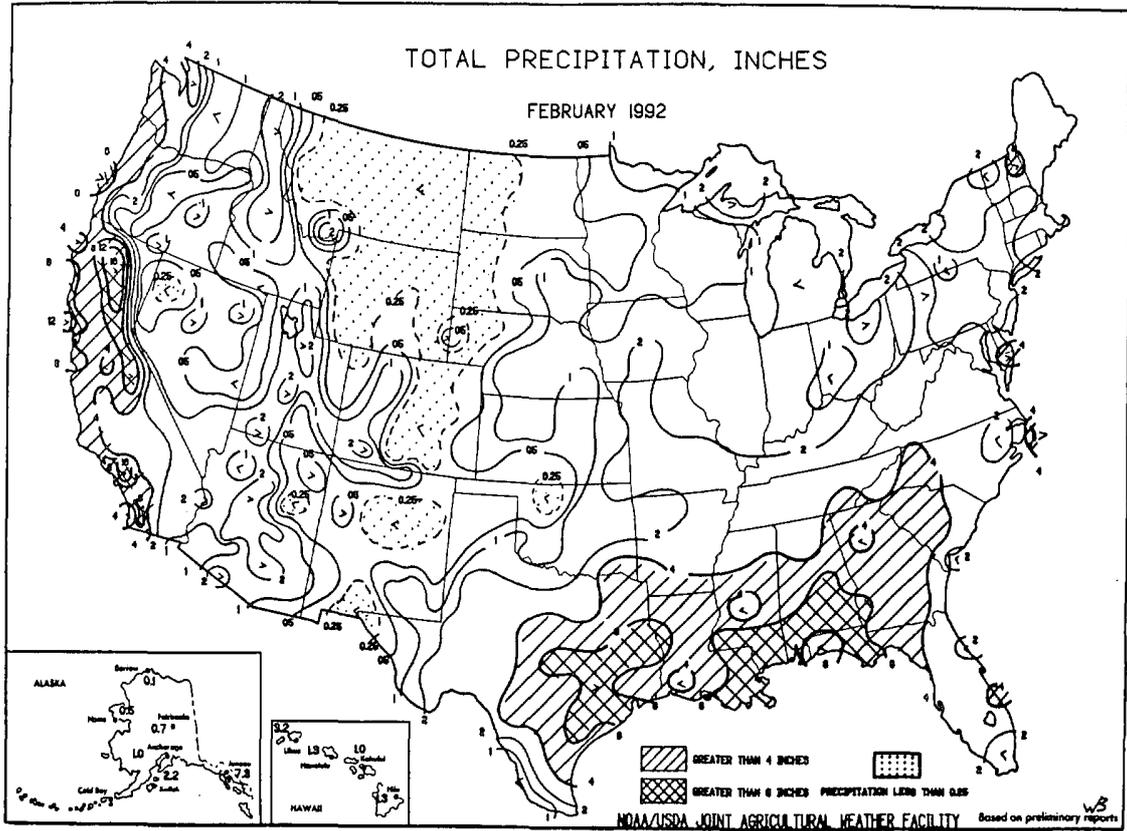
Reprinted from *Weekly Weather and Crop Bulletin* - March 10, 1992

Fig. 3



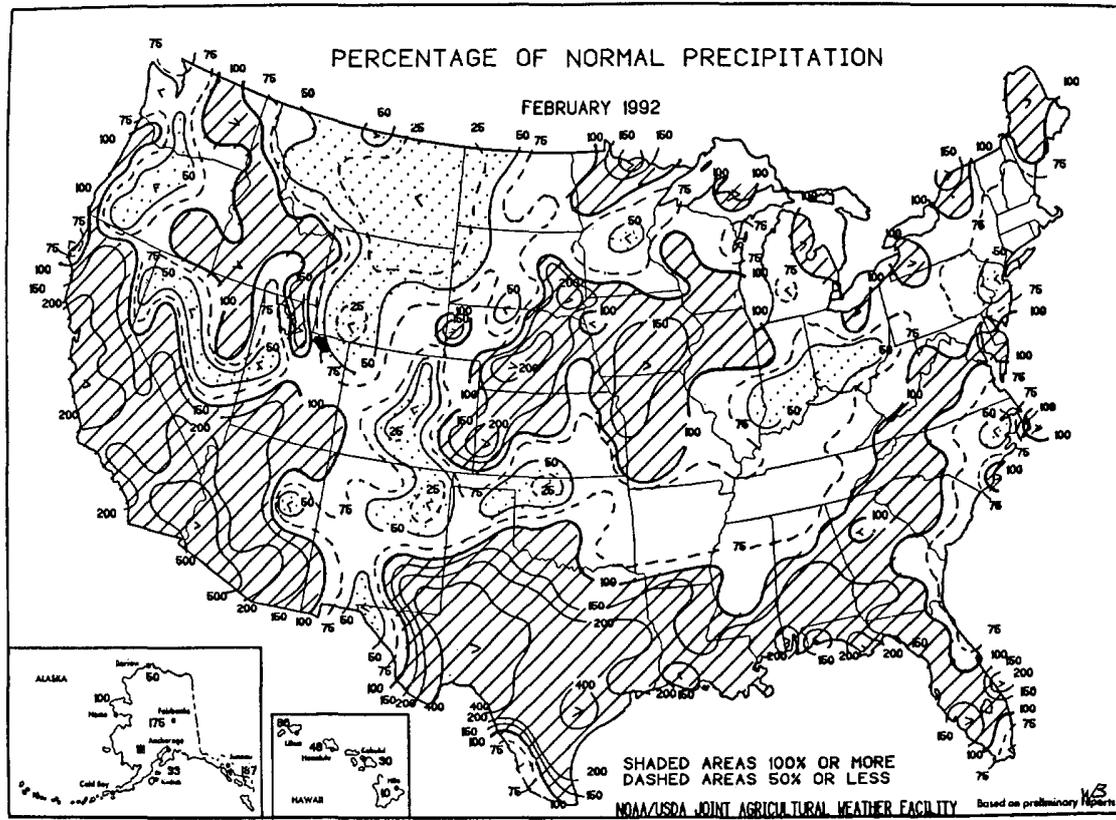
Reprinted from *Weekly Weather and Crop Bulletin* - March 10, 1992

Fig. 4

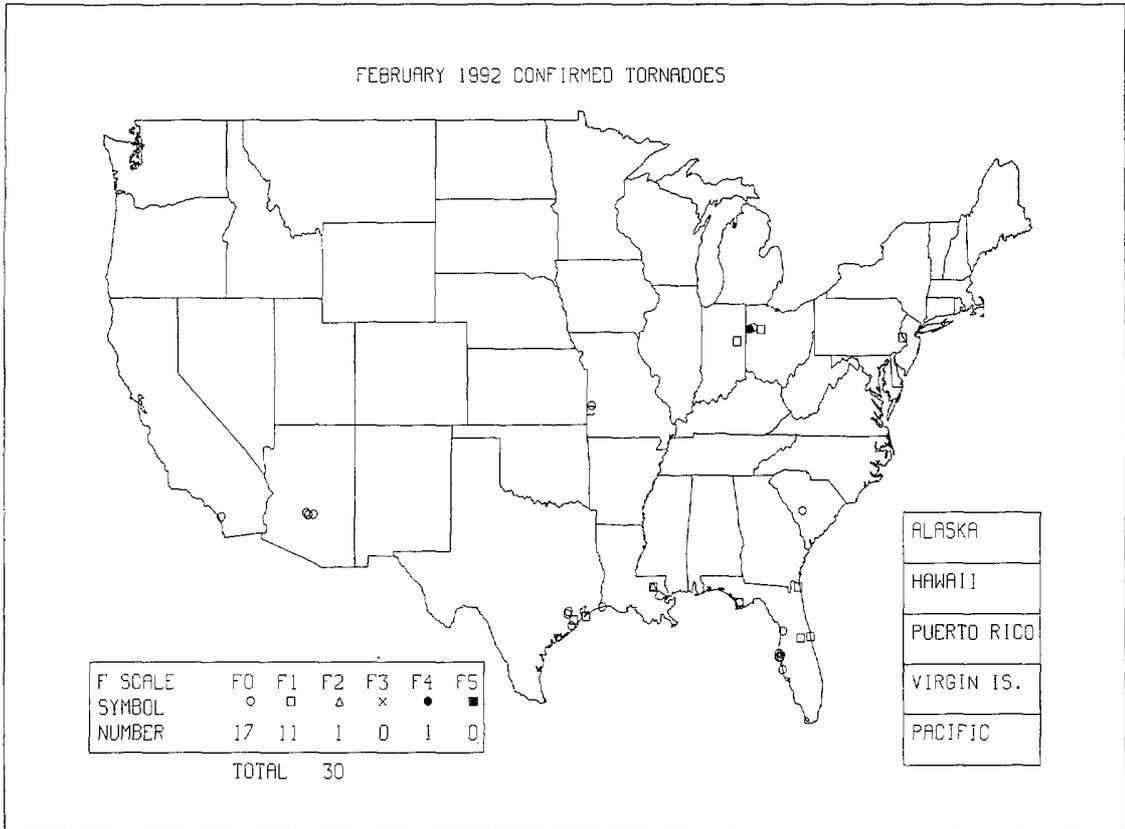


Reprinted from *Weekly Weather and Crop Bulletin* - March 10, 1992

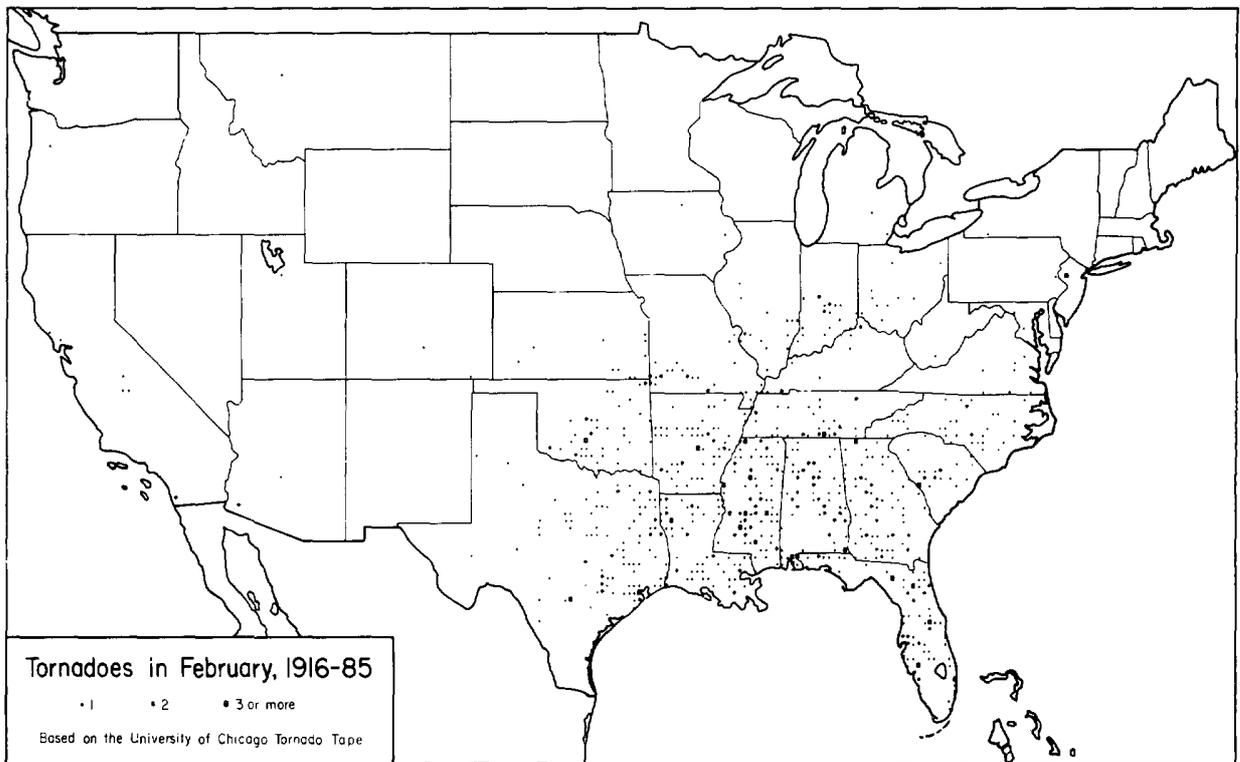
Fig. 5



Reprinted from *Weekly Weather and Crop Bulletin* - March 10, 1992



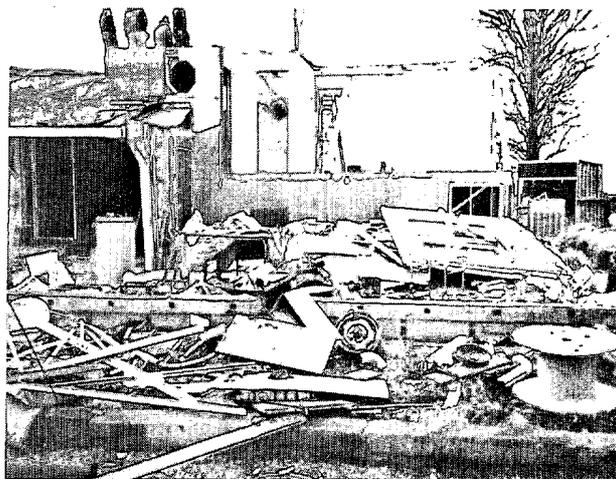
The year's first F4 tornado (as defined by the Fujita Tornado Scale) struck in Ohio on February 18. This tornado caused an estimated \$500,000 in damage. There were twenty-nine other tornadoes (30 total) for the month. Most were weak in intensity with 17 tornadoes rated at F0. (See map above.)



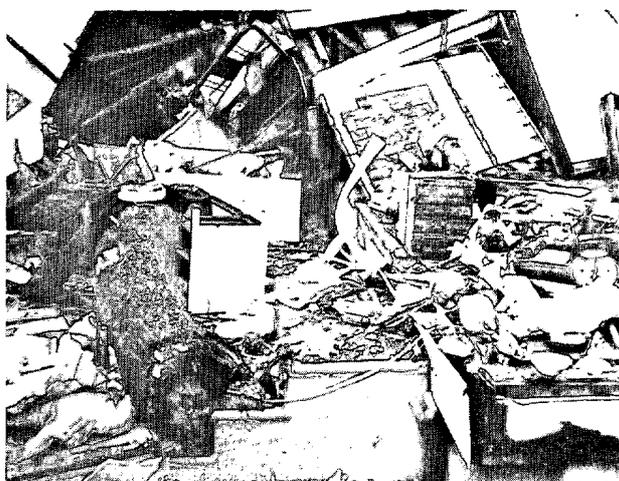
OUTSTANDING STORMS OF THE MONTH

1. Tornadoes Strike Ohio - February 18th

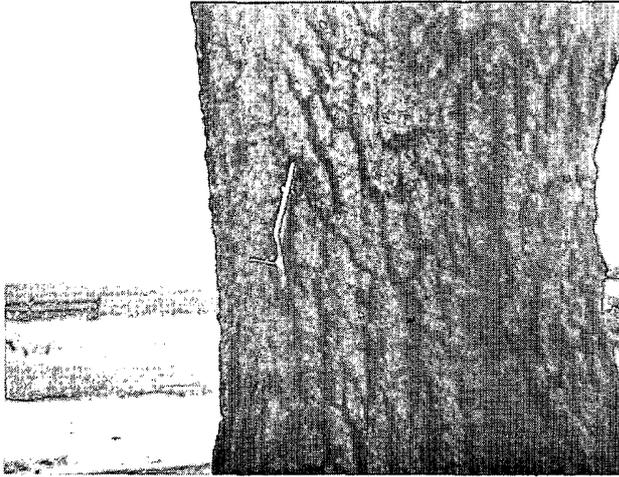
February 18 proved to be a disastrous day in Van Wert County, Ohio. Three miles southeast of Ohio City, near Highway 127, a tornado touched down. This F4 tornado, classified with winds 207 to 260 mph, traveled northeast for 2.8 miles destroying a house, a mobile home, and two cars. In addition, nine other houses were damaged, some severely. In the process, the tornado caused six injuries. Damage was estimated near \$500,000.



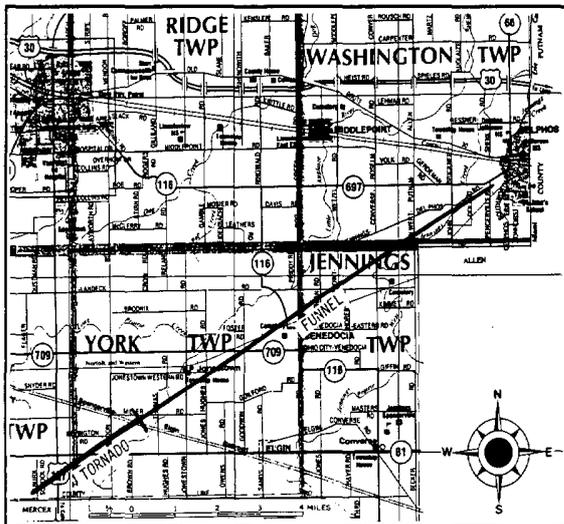
Above(both): The tornado struck this house (built in 1980) and caused extensive damage. As the tornado moved northeast, it caused more property damage (**below, left**). **Below(right):** A closer look at some of the tornado damage. (Notice the downed tree limb in both pictures for a point of reference.)



All the above photographs provided by Jerry Lindsey, OIC, Dayton, Ohio.



The tornado drove several pieces of debris into trees. A corner piece of a bed frame (above, left) and a straw (above, right) were found driven into trees. Also, a piece of glass and a portion of a television antenna were found driven into trees. Below(left): The tornado bent some debris around a tree. Below(right): This 1984 Chevy Station Wagon was destroyed by the tornado.



All the above photographs were provided by Jerry Lindsey, OIC, Dayton, Ohio. Map provided by Mike McCoy, Van Wert County Emergency Management, Van Wert, Ohio.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA									
Mobile County	15	0100CST			0	0	0	0	Thunderstorm Winds
	Large tree limbs were blown down and blocked roads in Wilmer.								
Pike County	15	0510CST			0	0	0	0	Thunderstorm Winds
	Strong thunderstorm winds blew trees across roads at scattered locations in rural areas of the county.								
Bibb County	15	1735CST			0	0	0	0	Hail (1.75)
	Golf ball-size hail fell 1 mile east of Randolph.								
Chilton County	15	1740CST			0	0	0	0	Hail (1.75)
	Golf ball-size hail fell about 7 miles west of Thorsby.								
Mobile County	17	0200CST			0	0	0	0	Thunderstorm Winds
	Straight-line thunderstorm winds destroyed a boathouse and boat and caused minor damage to a residence about 10 miles southeast of the Mobile airport. No damage estimates were available.								
Shelby County	18	1645CST			0	0	4	0	Thunderstorm Winds
	Straight-line thunderstorm winds destroyed one mobile home and damaged several others near the intersection of State Highways 25 and 76. Several trees were blown down in the same area. There were no injuries. Damage was estimated at approximately \$30,000.								
Greene County	25	1845CST			0	0	?	?	Hail (1.00)
	Quarter-size hail was responsible for an accident near Knoxville on Interstate 20/59 that involved several cars and a large truck.								
Hale County	25	1855CST			0	0	0	0	Hail (1.00)
	Quarter-size hail fell at Moundville.								
Tuscaloosa County	25	1855CST			0	0	0	0	Hail (1.00)
	Quarter-size hail fell north of the boundary between Tuscaloosa and Hale Counties in Tuscaloosa County.								
Jefferson County	25	2025CST			0	0	0	0	Hail (1.00)
	25	2035CST			0	0	0	0	Hail (1.00)
	Quarter-size hail fell at Bessemer at 2025 CST and in the Bluff Park/Hoover area at 2035 CST.								
Chilton County	25	2155CST			0	0	0	0	Hail (0.75)
	Dime-size hail fell at Clanton.								
ARIZONA									
Coconino County 5 N Sedona	13	0851MST			1	0	0	0	Flash Flood
	While attempting to cross the flooded Oak Creek in a small pickup truck at the Rainbow Bridge, a woman was swept away and drowned. According to the sheriff's office, the force of the flowing water was too great and it washed the vehicle off the ford and into the creek and carried her down the river. (F32V)								
Maricopa County W Phoenix	13	1255MST	0.5	20	0	0	3	0	Tornado (F0)
Tempe	13	1350MST	?	?	0	0	0	0	Tornado (F0)
Apache Junction	13	1445MST	0.5	20	0	0	4	0	Tornado (F0)
	A strong Pacific low pressure system swept through the state and produced widespread rains and thunderstorms on the deserts. The tornado in Phoenix damaged roofs and fences, while the tornado in Apache Junction damaged mobile homes at the Rock Shadows Mobile Home Park. The Red Cross reported 15 mobile homes damaged, four of them seriously. The tornado in Tempe was reported near Rural Road and the Superstition Freeway.								

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property
							Crops

ARKANSAS

Lafayette County 5 S Bradley	14	1505CST			0	0	0	0	Hail (1.75)
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CALIFORNIA, Northern

Northern and Central California CAZ001 > 010 NV001-002	09 11	1200PST- 0900PST			0	0	5	0	Winter Storm
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The first in a series of wet Pacific storms moved through the area spreading high winds and heavy rains to the lower elevations and snow to the northern mountains and the Sierra Nevada. Rainfall amounts in the mountains of San Luis Obispo County and northern Santa Barbara County exceeded 4 inches.

Central California CAZ002 > 006-009-010 NV001-002	11 13	2000PST- 1000PST			0	0	6	0	Winter Storm Flash Flood
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The second in a series of Pacific storms mainly affected the central portion of the state. Again, high winds and heavy rains at lower elevations with another 1 to 2 feet of snow in the Sierra Nevada were experienced. Heaviest rain fell in the coastal mountains and valleys from the San Francisco Bay area southward with amounts of 2.00 to 5.00 inches. Flash flooding occurred on the San Lorenzo River and Pescadero Creek.

San Luis Obispo County Vandenburg Air Force Base	13	0000PST			0	0	?	0	Severe Thunderstorm
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A thunderstorm with tops to 33,000 feet produced 0.75-inch hail.

Santa Barbara County 5 NW Santa Maria	13	1035PST			0	0	0	0	Funnel Cloud
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Fresno County Huron	13	1430PST			0	0	0	0	Funnel Cloud
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Funnel clouds formed in cold, unstable air in the wake of the storm.

Northern and Central California CAZ001 > 010 NV001-002	14 16	1200PST- 1100PST			0	0	6	0	Winter Storm Flash Flood
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The third and last in a series of strong Pacific storms brought more heavy rain and snow to the area. Two to three feet of snow occurred in the Sierra Nevada north of Sequoia Park. Flash flooding occurred on the San Lorenzo River and on Soquel Creek.

San Luis Obispo County 15 NW Santa Maria	15	0915PST			0	0	0	0	Funnel Cloud
Pismo Beach	15	1050PST			0	0	0	0	Funnel Cloud

Sonoma County West of Santa Rosa	15	1209PST			0	0	0	0	Funnel Cloud
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San Luis Obispo County 6 W Shell Beach	15	1300PST			0	0	0	0	Funnel Cloud
--	----	---------	--	--	---	---	---	---	--------------

Solano County Dixon	16	1330PST			0	0	0	0	Funnel Cloud
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Funnel clouds formed in the cold unstable air behind the storms.

CALIFORNIA, Southern

Los Angeles County	01	1200PST			1	0	0	0	Heavy Surf
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A man was swept out to sea while fishing on rocks, at Rancho Palos Verdes. (M570)

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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CALIFORNIA, Southern Cont'd

Los Angeles County	02	1630PST			0 0	0 0	Heavy Surf
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Two fishermen were swept off rocks at Rancho Palos Verdes, in heavy surf conditions. They are considered missing and presumed dead; the bodies were never found. Both men were in their late 20s.

CAZALL	05 16	1800PST- 0320PST			7 13	8 ?	Winter Storm
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As the weather pattern in the eastern Pacific changed to one featuring a low-latitude storm track, a series of very intense storms affected southern California, for more than a week. Very heavy rain, mountain snow, flash flooding, mud and rock slides, road closures and gusty winds, occurred during these storms. Total rainfall during this period was very significant, with Mt. Wilson receiving 20.05 inches, Woodland Hills 16.48 inches, and the Los Angeles Civic Center 7.96 inches, with many other locations having from a few inches to well over 10 inches. A woman was killed when she lost control of her car on a flooded road. A man, woman and her unborn child were killed in their house, as a mud and rock slide swept down a hillside and crashed into the bedroom where they were sleeping. The couple was buried under 6 feet of mud and debris. A U.S. Marine helicopter went down in heavy rain and wind off the coast of Oxnard, killing one and injuring eight others. Two skiers were killed when buried by an avalanche at the Mt. Baldy Ski Area. (F63V) (M30P) (F27P) (M22O) (M31O) (M58O)

Los Angeles County Northern Portion Ventura County Southern Portion Camarillo	10	1230PST			0 4	6 0	Flash Flood
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Very intense thunderstorms hit the San Fernando Valley, where near record amounts of rain fell and resulted the worst flooding in some areas in the last 50 years. A deluge caused the swollen Los Angeles River to over-flow its banks in the Sepulveda Dam Basin, in Van Nuys. A torrent of water covered several roads and submerged dozens of vehicles. Forty-eight people were rescued from their cars. As much as 5 inches of rain fell in the area, with rainfall rates of 1 inch per hour in some locations. The water rose 12 feet in 2 hours behind Sepulveda Dam. At 1728 PST, the water was 27 feet above the early morning reading. Lightning from the thunderstorms knocked out power to about 100,000 homes in Los Angeles County. Other areas flooded were Malibu Creek and Canejo Creek in Ventura County which overflowed their banks.

Los Angeles County Northwestern Portion	10	1600PST			0 0	6 0	Flash Flood
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Heavy rain caused widespread flooding of the Antelope Valley mainly in the Palmdale, Quartz Hill and Lancaster areas. Numerous streets were reported flooded and impassable. About 100 homes and businesses were damaged. As much as 2 inches of rain fell in 6 hours.

Los Angeles County Eastern Portion San Bernardino County Southwestern Portion	11	0959PST			0 0	? 0	Flash Flood
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Heavy showers and thunderstorms occurred in the Covina and Pomona areas, where 1.82 inches of rain fell in a 30-minute period, with some local flooding.

Santa Barbara County Southern Portion	12	0445PST			0 0	? 0	Flash Flood
--	----	---------	--	--	-----	-----	-------------

Heavy rain of 1 inch per hour, caused Maria Ygnacio Creek to rise to near flood stage.

Los Angeles County Western Portion Ventura County Ventura	12	0937PST			2 2	? ?	Flash Flood
--	----	---------	--	--	-----	-----	-------------

Heavy rain of up to 1.5 inches per hour for about 3 hours occurred. This caused flooding of rivers and streams. The Ventura River overflowed and flooded the Ventura Beach Recreational Vehicle Resort Trailer Park, killing one person. Floodwaters tossed and destroyed motor homes. The flood washed dozens of mobile homes into the river and out to sea. A boy was killed as he was swept down the Los Angeles River, for about 10 miles, during a heavy rainstorm that caused the river to flood. (M35O) (M15O)

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
CALIFORNIA, Southern Cont'd									
Kern County Southern Portion Frazier Park	12	1030PST			0	0	4	0	Flash Flood
									Flooding of homes and roads occurred, with some damaged to private driveways.
Kern County Southeastern Portion Rosamond	12	1150PST			0	0	5	0	Flash Flood
									Many roads, 12 houses, and 54 mobile homes were damaged by flooding.
Santa Barbara County	12		1210PST				0	0	?
	0	High Winds							
									Strong winds and high waves caused slight damage to pilings and a boat, at the Santa Barbara Harbor.
Los Angeles County Riverside County Western Portion San Bernardino Southwestern Portion	12	1302PST			0	0	?	0	Flash Flood
									Three inches of heavy rain in about 3 hours caused some minor flooding.
Kern County Rosamond Southeastern Portion	13	0607PST			0	0	5	0	Flash Flood
									Flooding occurred in and around Rosamond including various stretches of Highway 14. Other roads and houses were also damaged.
Kern County Desert Rosamond	13	0609PST			0	0	0	0	Flash Flood
									A slow moving rain shower had saturated the ground overnight in the Kern County desert areas. At 0607PST, a call in from Kern County officials reported 8 inches of water flowing over the intersection of Rosamond Blvd. and Highway 14, in southeast Kern County. No substantial damage nor any injuries were reported despite the flow across the roadway. Warning was in effect for two (2) hours.
Kern County Desert Desert areas north of Mojave	13	0649PST			0	0	0	0	Flash Flood
									Thirty minutes after the above warning was transmitted, more reports of additional flooded sections of Highway 14, north of Mojave, and other secondary roads in the desert areas were called into the weather office. A new Flash Flood Warning was issued to include all the desert areas of the county. The warning expired at 0845PST. At that time, an Urban and Small Stream Flood Advisory was issued, to expire at noon for Kern Deserts. At 1010PST, the California Highway Patrol reported Highway 14 closed between Highway 178 and Highway 395, north of Mojave. At 1131PST, the Highway Patrol reported that the California Transportation Department (CALTRANS) had closed Highway 14 at 0600 AM and it remained closed until 1100PST. The Highway Patrol was just notified of this information as was the weather office. At 1145PST, the Urban and Small Stream Flood Advisory was cancelled.
San Joaquin Valley	15	0635PST			0	0	0	0	Flash Flood
									Heavy rains moving into the northeast corner of Kern County as indicated by Palmdale radar about 0515PST. Issued an Urban and Small Stream Flood Advisory at 0530PST for all of the southern San Joaquin Valley. At 0555PST, recieved a call about minor flooding at "the usual place" in Taft, in southeast Kern County. At 0610, issued an FFS concerning the minor flooding. At 0630, recieved report from CALTRANS of flooding over secondary roads in northwest Kern County. Issued FFW for NW Kern County at 0635PST. At 0645PST, issued second FFW to include all of west Kern County. Warning self expired two hours later. No substantial damage or injuries were reported.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CALIFORNIA, Southern Cont'd

Los Angeles County Western Portion Ventura County Southern Portion Santa Barbara County Southern Portions	15	0545PST			0	1	4	0	Flash Flood
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Rainfall rates of up to 1.3 inches per hour caused rapid rise in stream levels throughout the area. Maria Ygnacio Creek and Sycamore Creek were flooded near Santa Barbara. The stage at Sepulveda Dam, on the Los Angeles River, went from 10 to 17 feet in 1 hour.

San Diego County Camp Pendleton	15	1130PST	0.5	20	0	0	4	0	Tornado (F0)
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A small tornado hit the San Onofre Mobile Home Park, on Camp Pendleton. Damage was limited to a two-block area. One home was knocked off its foundation and several others lost awnings. Also, tree limbs were scattered about the area.

COLORADO

COZ010-015 Sangre de Cristo Mountains and Southern Foothills	03- 05	0000MST- 0600MST			0	0	?	?	Heavy Snow
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An upper level low moving across southern New Mexico combined with a surface high pressure ridge across the state to produce heavy snow in the Sangre de Cristo Mountains and the Southern Foothills. The snow began early on the 3rd and continued until the morning of the 5th when the upper low finally moved east into the Gulf of Mexico. Cuchara, in Huerfano County, received 35 inches of snow after 50 straight hours of snowfall. Seventeen of those 35 inches fell on the 3rd. The town of Rye received 19 inches of snow before it stopped late on the 4th. Other snow totals included 10 inches at Westcliffe, 7 inches at Walsenburg and 6 inches at Trinidad. Amazingly, snow amounts were generally less than 2 inches in the lower elevations of southeast Colorado during the period.

COZ002-004-008 Mountains	13- 14				0	0	?	?	Heavy Snow
-----------------------------	-----------	--	--	--	---	---	---	---	------------

A series of upper level disturbances moved across the state, producing heavy snow in the mountains. The heaviest snow fell in the southwest where Irwin Ski Area received 21.5 inches and Wolf Creek received 21 inches of the white gold. Other snow totals included 16 inches at Gothic Ski Area; 13 inches at Telluride and Vail; 11 inches at Purgatory and Silverton; 10 inches at Loveland; 9 inches at Crested Butte; and 8.5 inches at Berthoud Pass.

COZ002-004-007- 008-009-010-012- 013, Mountains, San Luis Valley, Four Corners, Northeast Colorado	15- 17	2100MST- 1200MST			0	0	?	?	Heavy Snow
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A strong low pressure system moved across the state, producing heavy snow from the Four Corners, across the mountains and through the northeast. Snow began in the mountains late on the 15th as the low moved across the Four Corners area. As the upper low crossed the mountains, a strong surface low created upslope conditions in the northeast. Snowfall amounts in the high country included 26.5 inches at Vail; 17 inches at Wolf Creek; 16.5 inches at Beavercreek and Purgatory; 12.5 inches at Sunlight Ski Area; 11 inches at Copper Mountain, Loveland, Steamboat Springs and Monarch; and 9 inches Crested Butte, Powder Horn and Telluride. On the eastern plains and the lower elevations of the southwest, snow totals included 7.5 inches at Cortez and South Fork; and 3 inches at Wray, Holyoke, and Sedgwick.

COZ002-004-008- 009-010-011-015 Mountains, Front Range and Southern Foothills	22				0	0	?	?	Snow
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An upper level trough moved through the central Rockies and produced snow across the mountains and the eastern foothills. The mountains received moderate snow with the northern and central mountains receiving the greater amounts. Snow totals included 14 inches at Loveland; 12 inches at Lake Eldora, Mary Jane Ski Area and Steamboat Springs; 11 inches at Cuchara; 10 inches at Berthoud Pass and Copper Mountain; and 9 inches at Telluride. Foothills locations with snow included 12 inches at Conifer and 7.5 inches at Aspen Springs. Monte Vista, in the San Luis Valley, received 8 inches.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CONNECTICUT

CTZ004-005	29	0800EST- 1200EST			0	0	?	0	High Winds
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Gusty northwesterly winds to 62 mph occurred in the wake of a sharp cold front. Peak gusts of 62 mph were recorded at Danbury and 61 mph at Bridgeport.

DELAWARE

None reported.

FLORIDA

FLZ006-009 > 014-017 Central Florida	05	0400EST- 0700EST			0	0	6	0	Thunderstorm Winds Hail
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A line of strong thunderstorms moved across central Florida during the early morning hours, producing severe thunderstorm wind gusts, moderate to large hail, and a few tornadoes. No injuries were reported, although property damage was extensive. Damaging weather was reported in Brevard, Citrus, Hillsborough, Levy, Marion, Orange, Pasco, Pinellas, Polk, Sarasota, and Volusia Counties.

Pinellas County 18 SW Tampa	05	0401EST	Short	?	0	0	0	0	Waterspout Tornado (F0)
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A waterspout moved onshore at Treasure Island and dissipated shortly afterwards.

16 SW Tampa	05	0415EST			0	0	0	0	Thunderstorm Winds (G52)
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Thunderstorm wind gusts of 60 mph blew down trees on Clearwater Beach.

Manatee County 29 SSW Tampa	05	0415EST			0	0	2	0	Thunderstorm Winds
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Strong thunderstorm wind gusts uprooted a tree and blew it into a house at Anna Maria.

Pinellas County St. Petersburg	05	0420EST- 0429EST			0	0	0	0	Thunderstorm Winds
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Strong thunderstorm gusts blew over several large trees.

14 WNW Tampa	05	0425EST			0	0	2	0	Thunderstorm Winds
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Strong thunderstorm winds blew over fences at Palm Harbor.

Levy County Cedar Key	05	0430EST			0	0	0	0	Thunderstorm Winds (G52)
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Thunderstorm wind gusts to 60 mph uprooted trees and broke branches.

Pasco County	05	0435EST- 0500EST			0	0	3	0	Thunderstorm Winds
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Strong thunderstorm winds tore the roof off a carport in Buena Vista. Trees were blown down in Dade City.

Pinellas County Venetian Isles	05	0435EST			0	0	0	0	Hail (0.75)
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Dime-size hail fell briefly at Venetian Isles.

Hillsborough County Tampa	05	0440EST- 0455EST			0	0	5	0	Thunderstorm Winds Hail (0.88)
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Strong thunderstorm winds leveled an 800-pound tree house and damaged seven mobile homes at the Three Lakes Mobile Home Park. A few homes suffered severe damage. Nickel-size hail fell at Temple Terrace.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA Cont'd									
Citrus County Northeastern Portion	05	0516EST	Short	?	0	0	3	0	Tornado (F0)
A small tornado touched down briefly in the northeastern part of Citrus county. Trees and power lines in a one-block area were all leveled.									
Polk County Lakeland	05	0529EST			0	0	0	0	Thunderstorm Winds
Strong thunderstorm winds downed trees in Lakeland.									
Sarasota County Sarasota	05	0536EST			0	0	0	0	Thunderstorm Winds
Strong thunderstorm winds snapped several large tree branches.									
Marion County 15 SSE Ocala	05	0540EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds lifted a carport onto the roof of a house in Summerfield. Trees were also uprooted.									
Orange County Orlando	05	0558EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds blew down trees and power lines in Winter Park.									
Volusia County Daytona Beach	05	0625EST- 0645EST			0	0	1	0	Thunderstorm Winds (G50)
Thunderstorm gusts to 58 mph were recorded at the Daytona Beach Regional Airport at 0638 EST. A crane was blown off its tracks at New Smyrna Beach.									
Brevard County Melbourne	05	0655EST			0	0	2	0	Thunderstorm Winds
Strong thunderstorm winds blew down several trees and power lines in north Melbourne and Merritt Island.									
Orange County 12 NW Orlando	05	1533EST			0	0	0	0	Hail (0.75)
Dime-size hail fell in Apopka.									
Pinellas County Pinellas Park	05	1623EST			0	0	0	0	Hail (0.88)
Dime- to nickel-size hail fell for 7 to 8 minutes in Pinellas Park.									
Venetian Isles	05	1640EST	Short	?	0	0	2	0	Waterspout Tornado (F0)
A small tornado moved onshore along Venetian Isles blowing doors open.									
St. Petersburg	05	1648EST- 1650EST	Short	?	0	0	2	0	Tornado (F0)
A small tornado moved over a car lot, blowing out windows of several cars and dissipating shortly afterwards.									
Clearwater	05	1652EST- 1705EST			0	0	2	0	Hail (1.00)
Golf ball-size hail fell for several minutes and nickel-size hail fell for several more, breaking windows.									

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA Cont'd									
Flagler County Western Portion	05	1655EST			0	0	0	0	Hail (0.88)
	Nickel-size hail fell briefly over western Flagler County.								
Seminole County 12 N Orlando	05	1700EST			0	0	0	0	Hail (0.75)
	Dime- to nickel-size hail fell in Lake Mary.								
Sarasota County	05	1708EST- 1720EST			0	0	0	0	Thunderstorm Winds (G52) Hail (0.88)
	Thunderstorm wind gusts to 60 mph and dime- to nickel-size hail fell along Interstate 75 in Sarasota County.								
Seminole County 9 N Orlando	05	1719EST			0	0	0	0	Hail (0.88)
	Nickel-size hail fell near Longwood.								
Sarasota County Siesta Key	05	1725EST- 1735EST	Short	?	0	0	2	0	Waterspout Tornado (F0)
	Three waterspouts formed and moved onshore near Turtle Beach damaging a boat and knocking down two people and two trees before dissipating; neither person was injured.								
Manatee County Southeastern Portion	05	1735EST			0	0	3	0	Thunderstorm Winds
	Strong thunderstorm gusts damaged two houses in the southeast part of Manatee County.								
Hillsborough and Pinellas Counties	05	1741EST	?	?	0	0	0	0	Waterspout
	A waterspout was sighted off the Howard Frankland Bridge over Tampa Bay.								
Sarasota County	05	1750EST			0	0	0	0	Thunderstorm Winds (G52)
	Thunderstorm wind gusts to 60 mph occurred along Fruitville Road.								
Hillsborough County Tampa	05	1830EST			0	0	0	0	Hail (0.75)
	Dime-size hail fell in Tampa.								
Sarasota County Sarasota	05	1833EST			0	0	0	0	Thunderstorm Winds
	Two large trees were leveled by thunderstorm winds.								
Orange County Lake Buena Vista	05	1853EST			0	0	0	0	Hail (0.75)
	Nickel- to dime-size hail fell across southern and western Orange County.								
Orlando	05	1910EST			0	0	0	0	Hail (0.75)
	Nickel- to dime-size hail fell across southern and western Orange County.								
Brevard County Titusville	05	2125EST	1.0	50	0	0	5	0	Waterspout Tornado (F1)
	A small tornado touched down briefly in Titusville blowing down trees and damaging roofs of four units at an apartment complex. It then crossed over U.S. Highway 1 and moved out into the Indian River before dissipating.								

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA Cont'd									
FLZ013-018 Florida West Coast	06	0000EST- 1800EST			0	0	2	0	High Winds
									Strong winds blowing off the Gulf of Mexico resulted in some washed-out and flooded roads in Manatee, Sarasota, Charlotte, Lee, and Collier Counties. Water entered several beachfront homes. Some minor beach erosion was also reported.
Manatee County 34 S Tampa	07	1955EST			0	0	2	0	Thunderstorm Winds
									Strong thunderstorm winds scattered outdoor furniture and damaged the roofs of two houses in Oneco.
Palm Beach County 5 E West Palm Beach	09	1215EST	?	?	0	0	0	0	Waterspout
									A pilot reported a waterspout in the Atlantic 5 miles east of West Palm Beach.
7 E West Palm Beach	09	1620EST	?	?	0	0	0	0	Waterspout
									A pilot reported a waterspout in the Atlantic 7 miles east of West Palm Beach.
Gulf County 20 NW Apalachi- cola	17	0920EST	1.0	50	0	0	4	0	Tornado (F1)
									A small tornado touched down along a road southwest of Dalkeith. It lifted an automobile with three occupants up and slammed it down onto the road several times. It then blew the hatchback door up onto the roof of the car. The tornado continued to move northeast toward Dalkeith, where it knocked over 40 feet of wooden fence, demolished a large storage shed, uprooted several trees smashing one into a car, and damaged two houses before lifting.
19 NNW Apalachi- cola	17	1112EST	Short	?	0	0	3	0	Tornado (F0)
									A small tornado damaged two houses in a mostly rural area of north Gulf County.
Putnam County 22 E Gainesville	17	1600EST			0	0	2	0	Hail (0.75) Thunderstorm Winds
									Strong thunderstorm winds blew down trees and power lines. Large hail fell for a short time 2 miles north of Interlachen.
Gilchrist County 15 E Cross City	17	1605EST			0	0	4	0	Thunderstorm Winds
									Strong downburst winds flattened a grain storage silo in Trenton.
Alachua County	17	1530EST- 1600EST			0	0	2	0	Thunderstorm Winds
									Strong thunderstorm winds uprooted trees and blew down power lines in southeastern and northwestern Alachua County.
Volusia County 20 W Daytona Beach	18	2115EST			0	0	0	0	Hail (0.75)
									Dime-size hail fell near Barberville.
10 N Daytona Beach	18	2155EST			0	0	0	0	Hail (0.75)
									Dime-size hail fell near Ormond-by-the-Sea.
Hillsborough County 22 E Tampa	25	1310EST- 1350EST			0	0	4	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA Cont'd									
	Strong downburst winds damaged several aluminum roofs; the field where the Cincinnati Reds train in Plant City sustained moderate damage to dugouts, batting cages, the flagpole, and fences. Many moderate size trees were blown over.								
Manatee County 5 E Parrish	25	1430EST			0	0	0	0	Thunderstorm Winds (G50)
	Thunderstorm wind gusts downed trees and power lines in eastern Manatee County. An anemometer recorded winds over 50 mph for 2 minutes with higher gusts.								
Hillsborough County Southeastern Portion	25	1450EST			0	0	2	0	Thunderstorm Winds
	Strong downburst winds moved through southeastern Hillsborough County near Ft. Lonesome. Several 1- to 3-foot diameter trees were uprooted or broken off. The roof of one house was lifted off its structure.								
Polk County Mulberry Lake Alfred	25	1419EST- 1454EST			0	1	6	0	Thunderstorm Winds
	The downburst continued northeast into Polk County from north of Mulberry across the southeastern part of Lakeland to between Winter Haven and Auburndale then to Lake Alfred. There were several reports of tornadoes along this area, but none could be confirmed. Damage consisted of 26 houses, 7 apartment complexes, 5 commercial buildings, and 30 other structures (mostly barns and sheds) that were completely destroyed. Sixty to 70 other structures were damaged. Several mobile homes were also overturned. Numerous trees and power lines were downed throughout the area. Power outages affected 10,000 customers. Sixty people sustained minor injuries, mostly in traffic-related accidents indirectly related to the storm conditions.								
Orange County 2 W Orlando	25	1620EST	0.5	50	0	11	5	0	Tornado (F1)
	A small fast-moving tornado touched down briefly in southwestern Orange County between Lake Buena Vista and Orlando near Interstate 4. It first touched down west of Interstate 4 where it blew windows out of 40 vehicles and overturned a motor home injuring its two occupants. The tornado lifted and then touched down again east of Interstate 4 where it blew windows out of two high-rise hotels on International Drive. Nine people were injured by flying glass from hotel and car windows.								
Seminole County 16 NNE Orlando	25	1710EST			0	0	0	0	Funnel Cloud
	Two pilots reported seeing funnel clouds just south of Sanford.								
Union County Lake Butler Raiford	25	1715EST- 1740EST			0	0	4	0	Thunderstorm Winds
	Strong downburst winds struck Union County peeling off part of a church roof near Johnstown. Trees and power lines were downed from Lake Butler to Raiford.								
Nassau County 9 NNE Jackson- ville	25	1757EST	0.5	40	0	4	5	0	Tornado (F1)
	A tornado touched down in Yulee first knocking down several trees and then moving into a mobile home park. The tornado flattened two mobile homes, both with two occupants inside. One person had to be pulled out from under a pile of debris which was what was left of her home. It then moved into a field where a barn was destroyed. The tornado moved across U.S. Highway 17 where it damaged several apartments and wrecked a playground. It went on to uproot several more trees and knock down power lines before dissipating.								

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA

Lowndes County
Valdosta

05 1745EST 0 0 3 ? Lightning

Two storage shed were destroyed after a lightning strike split a tree that landed on the sheds. The lightning traveled to an electrical box on the nearby house damaged three television sets, and completely burned a clock radio.

Rabun County
1 N Clayton
Carroll County
Carrollton
DeKalb County
Tucker

15 2300EST 0 0 ? ? Small Hail

26 0030EST 0 0 ? ? Small Hail

26 0030EST 0 0 3 ? Lightning

A fast-food restaurant was set afire by lightning and sustained damages to an upstairs storage area.

Coweta County
2 W Newnan
Heard County
Eastern Portion
Eastern Portion

26 0030EST 0 0 ? ? Small Hail

26 0045EST 0 0 2 ? Thunderstorm Winds

26 0045EST 0 0 ? ? Hail (1.75)

Scattered trees were blown down by winds. Utility lines were torn down, resulting in several power outages.

Coweta County
Newnan
1.5 N to 10 SE
Newnan
Newnan

26 0055EST 0 0 ? ? Hail (1.75)

26 0108EST 0 0 2 ? Thunderstorm Winds

26 0108EST 0 0 3 ? Thunderstorm Winds
Small Hail

Large trees were blown across Georgia Highway 34 (Newnan bypass) and southeast of Newnan on Georgia Highway 54. In the city, a carport was damaged by an uprooted tree. Scattered power lines were torn down and outages resulted.

Fayette County
Southern Portion

26 0130EST 0 0 2 ? Thunderstorm Winds

Two trees were pushed into power lines in Fayette County. Time given is estimated.

Walton County
Monroe

26 0200EST 0 0 2 ? Thunderstorm Winds
Small Hail

Scattered large tree limbs were blown down by the winds.

Spalding County
3 E Orchard Hill
DeKalb County
2.5 SE Dunwoody

26 0349EST 0 0 ? ? Small Hail

26 0430EST 0 0 5 ? Lightning

A large fire resulted after lightning struck a condominium complex in Dunwoody. The fire caused an estimated \$125,000 in damages at five units, while eight others were damaged by smoke and water.

Putnam County
Eastern Portion

26 0500EST 0 0 2 0 Thunderstorm Winds

A few power lines were torn down by strong thunderstorm winds.

IDAHO

Snake River Valley

01 0000MST-
29 2400MST 0 0 6 6 Severe Drought

Much of Idaho remained in drought for the sixth consecutive year. The drought was particularly severe in the Snake River Valley of southern Idaho where snowpack was 40% to 60% of normal.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA									
INZ001-002 Far Northwestern to Far North-Central Indiana	07	2230EST-							
	08	1530EST			0	?	?	0	Heavy Snow
<p>Very cold air and strong northerly winds produced heavy lake effect snow across portions of LaPorte, St. Joseph, Starke and Marshall Counties of extreme northern Indiana. The heaviest snowfall, 12 to 14 inches, was in a band about 10 miles wide along the border of LaPorte and St. Joseph Counties from New Carlisle to Koontz Lake and Donaldson. Eight inches of snow was recorded at South Bend, 4 inches at Elkhart and Plymouth, and only 1 inch at Michigan City. Near whiteout conditions were reported at times, and there were numerous minor traffic accidents.</p>									
Madison County Edgewood	15	1130EST			0	0	5	0	Thunderstorm Winds
<p>At one residence, a garage was destroyed and the roof was torn away across half of the house. At another spot, a small storage barn was destroyed. Roofing was also ripped from a vacant single story medical office. Winds were estimated at 100 mph.</p>									
Delaware County 3 S Eaton	15	1211EST- 1216EST	1.8	50	0	0	5	0	Tornado (F1)
<p>The tornado touched down 3 miles south of Eaton, just west of County Road 200 East and south of County Road 700 North. The tornado moved east-northeast, crossed County Road 200 East and hit a farm. A chicken house was destroyed at this location, and a 36- by 60-foot pole barn was shifted 4 inches off its foundation. The roof on the southeastern corner of the barn was blown off, and the bulk of the roof collapsed. A mobile home just north of the barn had its roof ripped off, and debris from the mobile home was carried one mile to the east-northeast.</p> <p>The tornado continued moving east-northeast, and hit another farm on County Road 300 East. At this location some portable hog sheds were blown down. A third farm was hit east of County Road 300 East and just south of County Road 800 North. The tornado had just about dissipated at this point. At this location, a tree was downed and some shingles were ripped from a barn roof. The tornado dissipated 2.5 miles southeast of Eaton.</p>									
Floyd County Floyds Knobs	18	2030EST			0	0	0	0	Hail (0.75)
Clark County Jeffersonville	18	2045EST			0	0	0	0	Hail (0.75)
IOWA									
IAZ006-007-008-010- 011-013 South-Central, Central, and Northeastern Iowa	14	1800CST-							
	15	0700CST			0	0	4	0	Snow Heavy Snow
<p>A strong upper level system moved northeast across Iowa on the 14th and early morning of the 15th. The surface low pressure center tracked from southeast Kansas, across Missouri, into central Illinois. Much of the precipitation fell in the form of rain during the daylight hours of the 14th. Some freezing rain and snow fell across the northern third of Iowa, but no serious problems resulted. Precipitation changed to snow in many areas during the early evening hours. A band of significant snow fell from south central, into central, and northeastern Iowa. Four to eight inches fell in these areas. This was in the deformation zone as a closed mid-level circulation passed over the state. Wet snow fell at the rate of an inch or more per hour for a few hours in this zone. The heaviest snowfall occurred from north of Des Moines to north of Dubuque. Heavier amounts included: 8 inches in eastern Clayton County; 7 inches at both Independence and Cascade; and 6.7 inches in Ankeny. Lighter amounts fell on either side of the band. Two to five inches fell over the south-central counties, with 1- to 3-inch amounts common over much of the rest of the state. Isolated areas did receive greater amounts. For example, Storm Lake received 5 inches of new snow, but surrounding areas had much less.</p>									
IAZ002-003 Extreme North- Central and Northeastern Iowa	17	2300CST-							
	18	1500CST			0	0	4	0	Snow Heavy Snow

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA Cont'd

A low pressure area tracked across northern Missouri, through east-central Iowa. Much of its precipitation fell in the form of rain and thunderstorms, but it changed to snow over about the northwestern half of Iowa during the night of the 17th. Most amounts were under 3 inches, however extreme north-central and northeastern Iowa received 4- to 7-inch amounts. There were two periods of heavier snowfall. One came shortly after midnight, the second shortly after sunrise on the 18th. The heaviest snowfall was in the Mason City area, where between 7 and 8 inches of snow fell.

IAZ006-007-010-011 Central and Northeastern Iowa	18 23	0600CST- 1200CST			0	0	4	0	Flood
IAZ001-002-007 North-Central and Northeastern Iowa	27 29	0600CST- 2400CST			0	0	4	0	Flood

Flooding was confined to the northeastern half of Iowa, in the Iowa/Cedar and Des Moines River basins. Flooding was generally minor, although some moderate crest were recorded on the 19th at Hudson and Marshalltown. Stages crested 2 to 3 feet above flood stage at these locations. The flooding was due to a combination of snowmelt and runoff from rain. The first major precipitation event occurred on the 14th and 15th, when a mixture of convective rain and snow produced between 0.50 and 1.25 inches of liquid over most of the state. The next precipitation event, on the 18th, brought 0.25 to 0.75 inch of rain to most of the state. Most of the precipitation was in the form of snow over the northeast. Much above normal temperatures at the end of the month resulted in river rises from snowmelt in northern Iowa and southern Minnesota. This flooding, though minor, continued into March.

IAZ001-002-003-004- 005-006-007-008-009- 010-011-012-013-014- 015-SDZ018-NEZ010- ILZ004 All of Iowa	01 29	0000CST- 2400CST			0	0	7	0	Warm Weather
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Unseasonably warm weather caused considerable problems with the graveled road surfaces across the state. This problem was actually a continuing problem from previous months. Since the weather was much warmer than normal, very little frost penetration occurred anywhere in the state. As a result, the graveled road surfaces were very soft and considerable damage occurred. Many of them needed to be resurfaced. At the time of this writing, it was estimated that the damage to the roads was in excess of \$21 million.

KANSAS

Crawford County Girard Arma	14	1615CST			0	0	6	4	Hail (2.75)
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A thunderstorm dropped hail as large as baseballs in a narrow strip from Girard to the Missouri border east of Arma. Hail covered the ground to a 2-inch depth in places. Roofs and vehicle damage resulted in a large number of insurance claims.

KENTUCKY

None reported.

LOUISIANA

Union Parish 8 SW Farmerville	12	1737CST			0	0	0	0	Thunderstorm Winds
A thunderstorm blew down a few trees about 8 miles southwest of Farmerville.									
Caddo Parish 3 N Vivian	14	1458CST			0	0	3	0	Thunderstorm Hail (1.00)
Bossier Parish 5 N Plain Dealing	14	1501CST			0	0	3	0	Thunderstorm Hail (0.90)

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

LOUISIANA Cont'd

A thunderstorm moving northeast at 35 mph produced large hail 3 miles north of Vivian and 5 miles north of Plain Dealing.

3 E Sligo	14	1715CST			0	0	?	0	Thunderstorm Hail (1.75)
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Webster Parish 2 W Heflin	14	1722CST			0	0	3	0	Thunderstorm Hail (1.00)
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A thunderstorm moving east-northeast at 35 mph produced golf ball-size hail 3 miles east of Sligo and 1.00-inch-diameter hail 2 miles west of Heflin.

Tangipahoa Parish 4.3 WNW Natalbany	15	0005CST	0.8	*0.3	0	10	6	?	Tornado (F2)
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3.7 W Natalbany	15	0005CST	0.4	*0.2	0	0	0	?	Tornado (F1)
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Based on a survey conducted by the National Weather Service and the Tangipahoa Sheriff's Office, it was determined that two tornadoes struck a rural area around 4 miles west of Natalbany. The tornado that produced the bulk of the damage began about 4.3 miles west-northwest of Natalbany (about 0.2 miles west of Woodhaven Road) and moved east-northeast for about 0.8 mile. The tornado destroyed 8 single-family homes and 7 mobile homes; it heavily damaged 6 single-family homes and 3 mobile homes; 17 single-family homes and 9 mobile homes received with minor damage. Estimated property damage was between \$1.5 and \$2 million. One woman was hospitalized with broken ribs after the tornado destroyed her mobile home; the remaining nine injuries were minor and were characterized by cuts and abrasions according to the Red Cross. The second tornado began about 3.7 miles west of Natalbany (about 0.2 miles north of LA Highway 1064) and moved north about 0.4 mile. This tornado was not as strong as the first; most of its damage consisted of numerous large pine trees being snapped in half.

Terrebonne Parish Gibson	17	0010CST			0	0	3	0	Thunderstorm Hail (1.75)
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Lafourche Parish Thibodaux	17	0020CST			0	0	4	0	Thunderstorm Winds
Chackbay	17	0030CST			0	0	4	0	Thunderstorm Winds

A severe thunderstorm moving east-northeast at 35 mph produced golfball size hail in Gibson. In Bayou Cane, 4.25 inches of rain fell in a short time in resulting in the flooding a few homes and automobiles. Widespread street flooding was reported in Houma. In Thibodaux, the thunderstorm winds downed power lines, blew a metal shed off its foundation and tore off a large patio roof. In Chackbay, the straight line winds tore off the roof from a mobile home.

St. Mary Parish Morgan City	17	0100CST			0	0	4	0	Thunderstorm Winds (G58)
Patterson	17	0100CST			0	0	3	0	Thunderstorm Winds (G60)

A severe thunderstorm moving east-northeast about 35 mph produced 58 knot (70 mph) gusts at the Morgan City power plant and 60 knot gusts (72 mph) at the Patterson airport. In Morgan City, thunderstorm winds blew down trees, power lines and utility poles. Several businesses along U.S. Highway 90 reported damage to plate glass windows, store fronts and signs. One homeowner had his patio roof destroyed by the thunderstorm's strong winds.

Orleans Parish New Orleans	17	0145CST			0	0	5	0	Thunderstorm Winds Hail (1.00)
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Severe thunderstorms moving northeast at 35 mph produced large hail and damaging winds in the eastern portion of New Orleans. Turner Marine Company reported that thunderstorm winds blew a 300-ton piece of equipment off a loading dock. Several homes in east New Orleans had their roofs damaged by large hail and strong winds. Straight line winds blew down some power lines in the Irish Bayou section.

St. Tammany Parish Lacombe	17	0225CST			0	0	4	0	Thunderstorm Hail (1.25)
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Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

LOUISIANA Cont'd

A severe thunderstorm produced large hail which damaged several roofs in Lacombe. In Slidell, 3.8 inches of rain fell in a short time at the National Weather Service Forecast Office; several nearby homes were flooded with up to one-half foot of water and widespread street flooding was reported by Slidell Police Department.

Cameron Parish
Johnson's Bayou

22	0908CST				0	0	0	0	Tornado (F0)
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The Cameron Parish Sheriff's Office reported a small tornado in Johnson's Bayou.

MAINE

MEZ001-002-003-
004-005-007-008

01	0500EST-				0	0	0	0	Heavy Snow
02	2300EST				0	0	0	0	

Low pressure in the Gulf of Maine on the 1st intensified as it drifted slowly east-northeast toward Nova Scotia. Snow began falling on the 1st and continued through the better part of the day on the 2nd. Heavy snowfall was reported across the northern and eastern sections of the state as up to 14 inches of snow fell.

MEZ003-004-006-
007-008-009-010-
011-012

04	1900EST-				0	?	?	0	Heavy Snow
05	2200EST								

Low pressure moving into upstate New York redeveloped along the southern Maine coastline during the morning hours on the 5th. Heavy snow was deposited over southern and central Maine with as much as 18 inches falling over the midcoast of Maine. White-out conditions in Brunswick caused a 7 car accident at 1230 EST. Damage was sustained to all vehicles involved in the accident. White-out conditions also led to a two-car accident in Wiscasset at 1300 EST. Extensive damage was reported to both vehicles. Several injuries were also reported with the accidents in Brunswick and Wiscasset.

MEZ001-002-003-005-
006-007-009-010-
012

15	2000EST-				0	0	0	0	Heavy Snow
16	2100EST								

A low pressure system over New Jersey on the 15th moved northeast to the southern Maine coastline. Heavy snow fell across portions of western, central, and northern Maine with many locations reporting between 6 and 14 inches of snow. The low tracked along the Maine coast on the morning of the 16th before moving into the Canadian Maritimes.

MEZ001-003-009

28	2200EST-				0	0	0	0	Heavy Snow
29	2300EST								

A strong, but fast moving low pressure system pushed across central Maine during the evening hours on the 28th and was located east of the state during the late morning hours on the 29th. Isolated areas of heavy snow were reported over portions of western, northern, and eastern Maine. As much as 16 inches of snow fell in and around the Caribou area.

MARYLAND AND DC

MDZ009

01	0000EST- 0700EST				0	0	0	0	Snow
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Lake-effect snow overnight accumulated up to 6 inches.

MDZ008-009

08	0100EST-				0	0	0	0	Heavy Snow
09	0900EST								

Lake-effect snow produced significant amounts over western Maryland. Six to ten inches fell throughout Garrett County according to local officials, and 5 inches fell at Frostburg in westernmost Allegany County.

District of
Columbia

11	Morning				1	0	0	0	Cold
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A homeless man was found dead in Anacostia. His death was attributed to hypothermia/critical exposure. Overnight temperatures were consistently around 30 degrees. (M??O)

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MARYLAND AND DC Cont'd

MDZ004 > 009 District of Columbia	13	0100EST- 1800EST			0	16	3	0	Snow Glaze
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Three to five inches of snow fell in the morning across central and western Maryland and the District of Columbia. Light freezing rain occurred in the afternoon. In Prince George's County, Maryland, a man lost his life around 0600 EST when his pickup truck rammed a truck that had stopped on the shoulder of an interstate highway. In Anne Arundel County, local hospitals treated 16 people for weather-related mishaps, such as pedestrians falling.

MASSACHUSETTS

MAZ003	01 02	1200EST- 0100EST			0	0	0	0	Heavy Snow
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Occasionally heavy snow accumulated 5 to 7 inches on much of Cape Cod with Chatham, Marstons Mills, Wellfleet and Yarmouth being hardest hit. Strong winds caused drifts to 2 feet. This snow was the southwestern fringe of a powerful storm near Nova Scotia.

MAZ003	15	0100EST- 0400EST			0	0	?	0	High Winds
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Gale force south winds swept across Cape Cod and the Islands with a peak gust of 62 mph recorded at the National Weather Service at Chatham at 0147 EST.

MAZ001-004-005- 006-010	15	1500EST- 2200EST			0	0	0	0	Glaze
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A wintry mix of precipitation included minor amounts of snow totaling less than 2 inches, but light freezing rain left a thin coating of glaze. Numerous skidding accidents were reported across central and western portions of the state north of the Massachusetts Turnpike.

MAZ005	25 26	1600EST- 0700EST			0	0	?	0	Ice Storm
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Freezing rain produced a coating of glaze up to 0.75 inch thick in the higher elevations of Franklin County. Falling tree limbs in the area around North Amherst caused scattered power outages.

MAZ001-004-006- 010	25 26	1600EST- 0700EST			0	0	0	0	Glaze
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Light freezing rain resulted in a thin coating of glaze mostly at higher elevations across the northern portion of the state. In some places there was up to 1 inch of snow along with some sleet.

MICHIGAN

MIZ077-078 Western Upper Peninsula	06 07	1000EST- 1000EST			0	0	0	0	Heavy Snow
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This was a two part storm; the synoptic snowfall and the lake effect snowfall. The synoptic part of the storm effected only the western Upper Peninsula, the lake effect part of the storm effected parts of western and central Upper and western and central Lower Michigan. The synoptic snowfall began over western Upper Michigan, just as the storm's center passed to the north of Marquette over central Lake Superior around 1000 EST on Thursday morning. The snow became heavy around 1400 EST Thursday afternoon, then continued into the mid morning hours of Friday. By then the storm's center had moved east to Lake Ontario. It was at this point that the lake effect part of the storm developed and the synoptic part of the storm ended. The heaviest snowfalls during this part of the storm were Ontonagon and Gogebic Counties. Both of these areas had from 6 to 8 inches of snow in a 24-hour period. Keweenaw and Houghton Counties received 4 to 7 inches of snow, while the northern half of Marquette County had 4 to 5 inches of snow. The rest of central and western Upper Michigan had 1 to 2 inches of snow from this part of the storm.

MIZ001-055-072- 073-076 West Central Upper and Northwest and Southwest Lower	07 09	1000EST- 0400EST			0	0	0	0	Heavy Snow
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Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA

MNZ003 > 005-007-008, North-central and Northeastern	20	0200CST-1500CST			0	0	0	0	Heavy Snow
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A low pressure system traveled across northern Minnesota from near Grand Forks North Dakota around midnight to south of Duluth by about noon. Snow began to fall over the northwestern portion of the state shortly after midnight and increased in intensity as it moved into the northeast by dawn.

A band of heavy snow in excess of 6 inches fell east and north of a line from International Falls to Grand Rapids and Beaver Bay. Eight inch amounts were reported at Deer River and Lutsen with the heaviest amount of 10 inches reported along the northern shore of Lake Superior at Grand Marais.

MISSISSIPPI

Forrest County 7 E Petal	15	0240CST			0	0	2	0	Thunderstorm Winds
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Three large oak trees were blown down.

8 E Petal	15	0245CST			0	0	4	0	Thunderstorm Winds
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Two tin barns were destroyed and some farm equipment was damaged. Fifteen trees were blown down or had the tops blown out.

Newton County Little Rock	25	1615CST			0	0	0	0	Hail (0.75)
Kemper County 5 NE Scooba	25	1750CST			0	0	2	0	Thunderstorm Winds Hail (1.75)

Numerous trees and power lines were blown down along with golf ball-size hail.

Newton County Conehatta	25	1810CST			0	0	0	0	Hail (0.75)
Lauderdale County Collinsville	25	1855CST			0	0	0	0	Hail (0.75)

MISSOURI

Barton County Burgess	14	1643CST			0	0	0	0	Hail (0.75)
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Dime size hail was reported in Burgess.

Vernon County 12 SW Nevada	14	1645CST			0	0	3	0	Hail (1.25)
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Hail was reported at Highway 43 and County Road KK. Numerous reports of damage to automobiles from hail at Bronaugh.

Barton and Vernon Counties 2 N Iantha 5 S Montevallo	14	1645CST-1715CST	16.0	25	0	0	5	0	Tornado (F1)
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A tornado touched down approximately 2 miles north of Iantha damaging a house. It continued on the ground between F0 and F1 intensity before hitting three more homes and a barn near Irwin. The tornado lifted in extreme southeastern Vernon County. Time estimated and there were no reports of injuries. Numerous power lines were also knocked down leaving many residents of the area without power for 12.5 hours.

Barton County Lamar	14	1650CST			0	0	4	0	Hail (1.75)
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Hail up to golf ball-size fell at Lamar from the same storm that produced a tornado through northern Barton County. Numerous cars and several buildings in the city received damage from the large hail. Damage was much less to areas south-southeast of Lamar.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI Cont'd									
Cedar County El Dorado Springs	14	1718CST			0	0	3	0	Hail (2.00)
									Hen egg-size hail fell at El Dorado Springs.
Vernon County Milo	14	1720CST	0.2	10	0	0	4	0	Tornado (F0)
									A tornado touched down briefly damaging an electric sub-station.
Polk County Fair Play	14	1744CST			0	0	0	0	Hail (0.75)
Dunnegan	14	1801CST			0	0	3	0	Hail (1.75)
									Three-quarter-inch-diameter hail fell at Fair Play. Hail up to golf ball-size fell at Dunnegan.
Hickory County Pittsburgh	14	1815CST			0	0	0	0	Hail (1.75)
									Golf ball-size hail was reported by the county Emergency Operations Center.
Benton County 2 N Warsaw	14	1855CST			0	0	0	0	Hail (0.75)
									Three-quarter-inch-diameter hail was reported by the county Emergency Operations Center.
Osage County 4 E Linn	14	2008CST			0	0	0	0	Hail (0.75)
									The Osage County Sheriff's Office reported 0.75-inch-diameter hail at the intersection of U.S. Highway 50 and State Highway 89.
Cole County Russellville	14	2055CST			0	0	0	0	Hail (0.75)
									The public reported 0.75-inch-diameter hail.
MONTANA									
MTZ003	22	0020MST- 0500MST			0	0	0	0	High Winds (G73)
									Winds to 84 mph blew west of Dupuyer.
NEBRASKA									
NEZ009-010-014- 015 East-Central Nebraska	14	1500CST			0	0	?	0	Heavy Snow
									Up to 10 inches of snow fell in a narrow band along the Platte River from northeast of Grand Island to Columbus northeastward to Burt County.
NEZ001-002-005 North-Central Nebraska and Panhandle	17	0500CST			0	0	?	0	Heavy Snow
									Six to eleven inches of snow fell over the eastern panhandle and north-central Nebraska.
NEVADA									
NVZ009 Extreme Southern Nevada	10 11	1700PST- 0830PST			0	0	0	0	Heavy Snow
									Up to 13 inches of snow fell in the Mount Charleston area as a low pressure system moved through southern Nevada.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW HAMPSHIRE

NHZ001-002	04 05	1800EST- 1900EST			0	0	0	0	Heavy Snow
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An intensifying low pressure system approached New Hampshire late on the 4th and then redeveloped off the southern Maine coastline during the morning hours on the 5th. Between 6 and 10 inches of snow fell across the north-central and northern sections of New Hampshire.

NHZ001-002-004	15 16	1900EST- 1800EST			0	0	0	0	Heavy Snow
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Low pressure over New Jersey on the 15th moved northeast and reached the southern Maine coastline during the morning hours on the 16th. The low dropped more than 6 inches of snow over north-central and northern New Hampshire. Several spots reported at least a foot of snow with as much as 16 inches falling at Pinkham Notch.

NHZ001-002	28 29	2000EST- 1100EST			0	0	0	0	Heavy Snow
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A strong low pressure system raced across northern New Hampshire during the late night hours on the 28th. This system dropped between 6 and 8 inches of snow across the north-central and northern sections of New Hampshire before pushing east of the state on the 29th.

NEW JERSEY, Northern

None reported.

NEW JERSEY, Southern

None reported.

NEW MEXICO

NMZ010-012	23 24	2200MST- 1530MST			0	0	0	0	Heavy Snow
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A storm that developed over the Great Basin, clipped southern New Mexico on its way into northern Mexico. It dumped 4 to 7 inches of snow across the higher elevations of New Mexico's southern mountains. Four inches fell at Ruidoso, 5 inches at Cloudcroft, 6 inches at Magdalena, and 7 inches at Alto.

NEW YORK, Central

NYZ007, Saint Lawrence Valley	04 05	1200EST- 0600EST-			0	0	?	0	Heavy Snow
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A low pressure system gathered strength as it moved from the Eastern Great Lakes Region on the morning of February 4th to the Gulf of Maine on the morning of February 5th. Snowfall amounts ranged from 6 to 8 inches across the region. Massena reported 7 inches of snow while Malone received 8 inches of snow.

NYZ006, Susquehanna Region	05	04 1100EST	1700EST-		1	1	5	0	Heavy Snow Blowing Snow
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As a low pressure system moved along the Saint Lawrence Valley, a northwesterly flow of cold air across Lake Ontario brought heavy lake effect snow into the northern half of the Susquehanna Region. Snowfall amounts ranged from 4 to 11 inches with 11 inches reported in Cortland making it the largest snowfall recorded in Cortland since December 29, 1987. In the nearby Catskill region, Blowing snow which created near zero visibility was responsible for a two-vehicle accident in Meredith which killed an off-duty Delaware County Sheriff's Deputy. (M30V)

Mohawk and Hudson Valleys	08	Evening			0	0	5	0	Snow Squalls
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A northwesterly flow of cold air across Lake Ontario produced snow squalls which rapidly reduced visibility and dumped several inches of snow in a short time across the Mohawk and Hudson Valleys. Hundreds of accidents were reported across the region.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, Central Cont'd

NYZ007-008 Saint Lawrence Valley and Saranac- Lake Placid Region	15	1400EST-							
	16	0400EST			0	0	?	0	Heavy Mix

A low pressure system moved from central Indiana on the morning of February 15th to the Saint Lawrence Valley on the morning of February 16th as a second low pressure system developed along the New England Coast. A heavy mix of 4 to 6 inches of snow combined with sleet and freezing rain occurred across the Saint Lawrence Valley and eastern Adirondacks.

Eastern Portion of New York from the Mohawk Valley South	24	1000EST-							
	25	0000EST			0	0	4	0	Snow

A low pressure system over the mid-Atlantic region spread snow across the southern half of eastern New York. The snow was responsible for numerous accidents in the Capital District area. Snowfall amounts ranged from 2 to 5 inches with the hill towns around Albany and the higher peaks in the Catskills receiving 5 inches.

NYZ007-008 Saint Lawrence Valley and Saranac- Lake Placid Region	28	1200EST-							
	29	0000EST-			0	0	4	0	Heavy Snow

A low pressure system moved from the Upper Great Lakes Region on the morning of February 28th to the Canadian Maritimes on the morning of February 29th. Snowfall amounts were generally around 6 inches with 7 inches reported over the high peaks in the Adirondacks. Dozens of accidents were reported in Saint Lawrence County.

Lower Hudson Valley Susquehanna and Catskill Regions	All Month				0	0	?	0	Drought
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The New York State Department of Environmental Conservation continued the drought warning for the following nine counties in Eastern New York: Delaware, Dutchess, Greene, Orange, Otsego, Putnam, Schoharie, Sullivan and Ulster. The drought warning was continued due to the continuation of low levels within the New York City Reservoir Storage.

NEW YORK, Coastal

None reported.

NEW YORK, Western

NYZ004-005-022 NYZ002	08	2300EST			0	0	4	0	Heavy Snow
	09	0100EST			0	0	4	0	Heavy Snow

A brisk northwest flow of bitterly cold air across the warmer waters of Lakes Erie and Ontario produced snow showers and localized snow squalls in the lee of the lakes. The heavy snow combined with strong winds to produce blowing and drifting snow reducing visibilities to near zero at times. Numerous automobile accidents, some with injuries, were reported due to the hazardous conditions. Specific snowfall reports included: 4 to 6 inches in Fulton in Oswego County, and North Syracuse in Onondaga County; and 6 inches in Sherman in Chautauqua County and Sodus in Wayne County.

NYZ004	29	0000EST			0	0	4	0	Heavy Snow
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Low pressure moved across southern Ontario to the Canadian Maritimes. The fast moving low brought heavy snow to the eastern Lake Ontario counties. Snowfall amounts ranged from 6 to 9 inches. In addition to the snowfall, strong winds reduced visibilities in blowing and drifting snow.

NORTH CAROLINA

Northampton County 15 SE Jackson	15	1900EST			0	0	3	0	Thunderstorm Winds
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A barn roof was blown off and large tree limbs were blown down.

Hoke County 3 SW Antioch	26	0625EST			0	0	3	0	Thunderstorm Winds
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Winds damaged roofs of two buildings, moved a mobile home off its foundation, and blew down two trees.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NORTH CAROLINA Cont'd

Onslow County 1 to 2 E Topsail Beach	26	1415EST	?	?	0	0	0	0	Waterspout
Pender County Near Burgaw	26	1500EST			0	0	0	0	Funnel Cloud

NORTH DAKOTA

None reported.

OHIO

Auglaize County	15	1400EST			0	0	4	0	Thunderstorm Winds
Wyandot County Nevada	15	1530EST			0	0	4	0	Thunderstorm Winds
Crawford County	15	1545EST			0	0	5	0	Thunderstorm Winds

Thunderstorms destroyed numerous trees and poles and also several barns and outbuildings. The roof of a house was blown off near Bucyrus, and several other structures also suffered damage. The worst damage was in Crawford County.

Hardin County
1 N Alger

15	1430EST	0.3	20	0	0	5	0	Tornado (F1)
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A tornado touched down on State Route 235, 1 mile south of State Route 309 and traveled northeast 0.3 mile. The tornado destroyed a mobile home, two small barns, several trees, and damaged a funeral parlor and several homes.

Erie County
Milan

16	0415EST- 0445EST			0	0	0	0	Flood
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The Huron River went into flood very briefly at Milan. The river crested at the flood stage of 14 feet.

Sandusky County
Woodville

16	1400EST- 2200EST			0	0	0	0	Flood
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Williams County
Stryker

17 22	0400EST- 0200EST			0	0	2	0	Flood
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Minor flooding occurred along the Portage and Tiffin Rivers in response to heavy rains on the 15th. The Portage River crested at the flood stage of 9 feet. The Tiffin River crest 0.5 foot above the flood stage of 11 feet.

Van Wert County
3 SE Ohio City

18	1810EST	2.8	60	0	6	6	0	Tornado (F4)
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A tornado touched down 0.5 mile north of the Van Wert-Mercer county line and 0.5 mile west of U.S. Highway 127. The tornado traveled northeast 2.8 miles, destroying a house, a mobile home, and two cars. The tornado also damaged nine other houses, some severely.

Van Wert County
W Delphos

18	1845EST			0	0	4	0	Thunderstorm Winds
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Putnam County
4 E Miller City

18	1858EST			0	0	2	0	Hail (0.75)
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Paulding County
5 E Paulding

18	2210EST			0	0	2	0	Hail (0.75)
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Thunderstorms overturned a mobile home in Delphos and produced dime- to nickel-sized hail in Putnam and Paulding Counties.

Allen County
2 S Delphos

18	1850EST	Short	5-15	0	0	0	0	Tornado (F0)
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A deputy sheriff spotted a tornado that touched down briefly 2 miles south of Delphos.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA									
Jefferson County									
9 S Ringling	11	1710CST			0	0	?	?	Hail (0.75)
8 S Ringling	11	1713CST			0	0	?	?	Hail (0.75)
Carter County									
Healdton	11	1725CST			0	0	?	?	Hail (0.75)
2 NE Healdton	11	1740CST			0	0	?	?	Hail (0.75)
2 N Ratliff City	11	2030CST			0	0	?	?	Hail (1.00)
Garvin County									
Elmore City	11	2045CST			0	0	?	?	Hail (1.00)
1 NE Pauls Valley	11	2058CST			0	0	?	?	Hail (0.75)

Severe thunderstorms occurred over portions of southern Oklahoma produced up to quarter-size hail.

Canadian County									
4 WSW Union City	16	2128CST			0	0	?	?	Hail (0.75)
Grady County									
8 SE Tuttle	16	2130CST			0	0	?	?	Hail (0.75)
Blaine County									
1 N Eagle City	16	2200CST			0	0	?	?	Hail (1.00)
Alfalfa County									
2 S Goltry	16	2230CST			0	0	?	?	Hail (0.75)
Grant County									
4 SE Nash	16	2233CST			0	0	?	?	Hail (0.75)
Deer Creek	16	2233CST			0	0	?	?	Hail (0.75)
2 ENE Nash	16	2245CST			0	0	?	?	Hail (1.00)
6 W Medford	16	2300CST			0	0	?	?	Hail (0.88)
Garfield County									
3.5 E Hillsdale	16	2300CST			0	0	?	?	Hail (0.75)
Osage County									
Near Pershing	17	0100CST			0	0	?	?	Hail (0.75)
Bryan County									
Bokchito	17	0205CST			0	0	?	?	Hail (0.75)

Severe thunderstorms were reported across northern Oklahoma during the late evening of the 16th and early on the 17th and produced dime- to quarter-size hail.

Grady County									
5 E Tuttle	22	0100CST			0	0	?	?	Hail (0.75)

An isolated thunderstorm in Grady County produced dime-size hail east of Tuttle.

OREGON

ORZ002-03	19	1700PST			0	0	4	0	High Winds
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An intense Pacific surface low pressure center caused very strong wind along the southern and central Oregon coast. Wind gusts reached 74 mph at Sea Lion Caves, 69 mph at Cape Blanco, 57 mph at Gold Beach and 53 mph at North Bend Airport. A 35-foot tall tree fell on a van and truck in North Bend. Another tree fell across Highway 20 south of Lebanon and three vehicles ran into it within minutes. A tree also fell on two pickup trucks in the Halsey area and a tree in North Albany area was the largest one in nine years to be felled by a windstorm.

PENNSYLVANIA, Eastern

PAZ009 Lower Susquehanna Valley	13	0500EST- 2300EST			0	0	?	0	Heavy Snow
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Snow began around 0500 EST and continued through the morning. Most of the snow fell between 1800 and 2300 EST with snowfall amounts ranging from 3 to 5 inches. Snow accumulations over the remainder of Eastern Pennsylvania were less than heavy snow criteria, however, accumulations did occur. In the Upper and Middle Susquehanna Valley 1 to 3 inches accumulated. Snow accumulations were 3 to 4 inches in the Poconos and Northeast Metropolitan Zones, 2 to 3 inches in the East Central Zone, and 1 to 2 inches in portions of the Southeast Zone. The snowfall, and even some freezing rain in the southeastern portion, resulted in hazardous traveling conditions.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

PENNSYLVANIA, Western

None reported.

RHODE ISLAND

None reported.

SOUTH CAROLINA

SCZ007	07	Unknown			1	0	0	0	Cold Exposure
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A 59-year-old man died of cold exposure in Charleston County (M59?)

Aiken County
Salley

25	2115EST	1.0	50	0	0	4	0	Tornado (F0)
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A tornado moving from west to east removed shingles from rooftops, downed one chimney on a residence, and blew an automobile about 50 feet. It also lifted the roof of a cinder block building, setting it down about 6 inches off center.

Greenville County
Greenville
Spartanburg County
Duncan
Lyman
Greenwood County
Greenwood
Greenville County
Greenville

25	1530EST			0	0	?	0	Flood
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25	1530EST			0	0	?	0	Flood
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26	0130EST			0	0	?	0	Hail (0.50)
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26	0200EST			0	0	?	0	Flood
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Steady rain fell on the 25th and early on the 26th along with some embedded much heavier showers and thunderstorms. Rainfall averaged 2 to 3 inches across the foothills and piedmont, with 4 to 5 inches in the mountains. Some minor flooding occurred in the foothills as a result. The flooding was gradual and the main problems were flooded roads and lowland flooding along some streams. No significant damage was reported. The rain was much needed. Around the City of Greenwood 0.50-inch hail was reported.

SOUTH DAKOTA

SDZ010-011-012-
016-017-018
East-Central
South Dakota

11	6000CST- 2400CST			0	0	0	0	Heavy Snow
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Three to eight inches of powdery snow occurred in east-central South Dakota. Some amounts included: 8 inches at Virgil, 7.2 inches at Huron, 6 inches at Madison and Gann Valley, and 5.4 inches at Sioux Falls.

SDZ017-019-020
Southeast South
Dakota

14	1200CST- 0600CST			0	0	0	0	Heavy Snow
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Two to six inches of wet snow fell in a small part of southeastern South Dakota. Snowfall amounts were 6 inches at Armour, and 3 inches at both Pickstown and Platte.

SDZ002 > 005-009 >
012-014 > 019
Central and
Eastern South
Dakota

17	0000CST- 2400CST			0	0	0	0	Heavy Snow
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Three to ten inches of wet snow occurred from west-central and parts of eastern South Dakota causing minor accidents due to slippery roads. Some amounts included: 10 inches at Milesville, 8 inches at Highmore, 7 inches at Harrington, 6 inches at Murdo and Dupree, and 5 inches at Madison.

SDZ007
Black Hills

22	2100CST- 1200CST			0	0	0	0	Heavy Snow
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Three to seven inches of snow fell in the northern Black Hills including 6.7 inches at Lead, and 4 inches at Deerfield.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE									
None reported.									
TEXAS, Northern									
North Texas	01 29	0000CST- 2400CST			0	0	6	?	Flood
Most north Texas rivers and streams continued to flow either bankfull or above bankfull. Much of the upper Sabine, Neches, Angelina, and Trinity Rivers were above flood stage or bankfull stage for the entire month. In addition, the Clear Fork of the Brazos and Pecan Bayou near Brownwood continued to rise above the flood stage during the latter part of the month. On the 25th, high water, up to 5 feet in depth, was observed over the spillway of Lake Brownwood, Lake Belton, Stillhouse Hollow Lake, and Lake Somervell.									
Hill County	12	1358CST			0	0	?	?	Hail (0.75)
Lake Whitney	12	1430CST			0	0	?	?	Hail (0.75)
1 E Hillsboro									
Tarrant County	12	1404CST			0	0	?	?	Hail (1.00)
Arlington									
Upshur County	12	1442CST			0	0	?	?	Hail (0.75)
Big Sandy									
Gregg County	12	1530CST			0	0	?	?	Hail (1.00)
5 NNE Longview	12	1745CST			0	0	3	?	Hail (0.88)
3 SE Kilgore									
Nickel-size hail damaged the windshield of two automobiles 3 miles southeast of Kilgore.									
Harrison County	12	1542CST			0	0	3	?	Hail (0.88)
2 S Hallsville									
Nickel-size hail damaged the windshield of two automobiles.									
Rusk County	12	1745CST			0	0	?	?	Hail (0.88)
2 E Overton	12	1745CST			0	0	4	?	Thunderstorm Winds Hail (0.88)
Joinerville									
Strong winds damaged a mobile home and a storage building, and blew down several trees and power lines.									
Brown County	24 25	0700CST- 1000CST			0	0	5	?	Flash Flood
Heavy rains of two to four inches in a 6-hour period on the already saturated soil conditions resulted in the flash flooding of roadways, low-water crossings, and flood prone areas along the Pecan Bayou and Jim Ned Creek.									
Stephens County	24	1500CST- 1700CST			0	0	?	?	Flash Flood
3 S Breckenridge									
Flash flooding of a low-water crossing resulted in the closing of State Highway 183.									
Navarro County	24	1600CST			0	0	3	?	Thunderstorm Winds
Corsicana									
One tree was uprooted and damaged an automobile.									
Freestone and Limestone Counties	26	2240CST			0	0	4	?	High Winds
High winds associated with a frontal system were estimated at 60 mph at Fairfield where the porch of a home was destroyed. In both Freestone and Limestone Counties, several trees, power lines, and windows were damaged.									

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Southern									
DeWitt County	11	1035CST- 2200CST			?	?	4	?	Flash Flood
Jackson County	11	1035CST- 2100CST			?	?	4	?	Flash Flood
Lavaca County	11	1035CST- 1800CST			?	?	4	?	Flash Flood
Victoria County	11 15	1400CST- 2200CST			?	?	5	?	Flood
<p>Heavy rain with embedded thunderstorms moved over the Coastal Bend area of Texas on the morning of the 11th. Rain fell on the saturated ground running off quickly and building flash floods across several counties. The sheriff's offices across the area reported several roads under water throughout their counties. The showers ended in the early afternoon, but the flood waters were slow to recede. In the late afternoon, another area of showers and thunderstorms moved back in, causing creeks and streams to leave their banks and flood roadways once again. In Victoria County, the Guadalupe River continued to flood roadways and parks along its banks. A portion of the zoo in Victoria County was flooded.</p>									
Burnet County	11	1645CST			?	?	?	?	Hail (1.75)
15 N Burnet	11	1725CST			?	?	?	?	Hail (1.50)
7 NE Bertram									
Williamson County	11	1730CST			?	?	?	?	Hail (1.50)
2 W Andice									
<p>A rapidly intensifying thunderstorm moved into northeastern Burnet County and produced golf ball-size hail near the Burnet and Lampasas county line. The storm continued to move southeast and producing large hail. From northeast of Bertram to Highway 183 west of Andice 1.00- to 1.50-inch hail was reported.</p>									
Bandera County	22	0030CST			?	?	3	?	Lightning
Bandera									
<p>Lightning struck the Grace Lutheran Church on Highway 173 in Bandera, setting the bell tower on fire.</p>									
Bexar County	22	0040CST			?	?	4	?	Lightning
San Antonio									
<p>Lightning struck a transformer station and knocked out 40 main circuits and 12 transformers. Power was lost to over 40,000 homes for about 30 minutes.</p>									
Kimble County	22	0045CST			?	?	?	?	Hail (0.75)
10 N Junction									
<p>The Department of Public Safety reported Dime size hail in the north part of the County.</p>									
Bastrop County	22	0110CST			2	?	3	?	Lightning
3 S Elgin									
<p>Lightning struck a large tree on State Highway 95 south of the town of Elgin. A large limb fell onto a pickup truck passing under killing both occupants (M290) (M110)</p>									
Fort Bend County	22	0345CST			?	?	5	?	Thunderstorm Winds
Kendleton	22	0410CST	0.8	10	?	?	3	?	Tornado (F0)
2 S Rosenberg	22	0425CST			?	?	?	?	Hail (1.00)
2 S Sugar Land									
<p>A dormitory on the Christian College sustained major roof damage and an unoccupied mobile home was destroyed as the storm passed over. The sheriff's office reported a tornado 2 miles south of Rosenberg. The tornado moved parallel to Highway 59 North and caused damage to the roof of one building. The storm continued to move east and about 15 minutes after the tornado was reported by the sheriff's office. It produced quarter-size hail at the intersection of Highway 59 and State Highway 6.</p>									
Lavaca County	22	0510CST			?	?	4	?	Thunderstorm Winds
6 E Moulton	22	0510CST			?	?	3	?	Lightning
6 E Moulton									

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, Southern Cont'd

As thunderstorms moved across the northern part of the county, several barns sustained wind damage with one small shed being totally destroyed. One home had some shingles blown off and a television antenna blown down. Several cattle were killed by a lightning strike.

Wharton County

Pierce	22	0535CST			?	?	?	?	Thunderstorm Winds (G52)
3 N El Campo	22	0550CST			?	?	3	?	Thunderstorm Winds

The Department of Public Safety reported wind gust to 60 mph at their office in Pierce. A roof was blown off a barn near the intersection of Farm-to-Market Road 1300 and Farm-to-Market Road 1160. Highway signs were blown over and a highway barricade was damaged along Highway 59 between Pierce and Wharton.

Brazoria County

7 N Angleton	22	0615CST	0.3	20	?	?	4	?	Tornado (F1)
6 W Lake Jackson	22	0659CST	0.1	10	?	?	3	?	Tornado (F0)
Manvel	22	0700CST			?	?	3	?	Thunderstorm Winds

As several thunderstorms moved through the county, two weak tornadoes were produced. The first tornado ripped a portion of a roof off of a restaurant and knocked down several power lines and trees in the town of Bonney. The second tornado caused minor damage to a mobile home near the intersection of County Road 36 and Farm-to-Market Road 521. Several trees and power lines were reported down in the Manvel area.

Galveston County Crystal Beach

22	0730CST	0.2	15	?	?	4	?	Tornado (F1)
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The sheriff's office reported a tornado on the Bolivar Peninsula near Crystal Beach. Roofs were torn off of two houses and several utility poles were knocked down. A few other homes sustained minor damage.

Caldwell County Lockhart

22	1755CST			?	?	?	?	Hail (1.75)
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Golf ball-size hail was reported in the town of Lockhart shortly before 1800 CST; no damage was reported.

Lavaca County Shiner

22	2217CST			?	?	?	?	Hail (0.88)
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Nickel-size hail was reported in the town of Shiner by the public.

DeWitt County

24	0200CST-			?	?	4	?	Flood
28	1500CST							

The De Witt County Sheriff's Office reported several roads along the Guadalupe River closed through out the county.

Real County 4 E Barksdale

24	0635CST			?	?	?	?	Hail (0.75)
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The Department of Public Safety reported dime-size hail in the western part of the county.

Bandera County Medina

24	0750CST			?	?	?	?	Hail (0.75)
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The sheriff's office reported dime-size hail in the southern part of the city of Medina.

Gillespie County Fredricksburg

24	0830CST			?	?	4	?	Thunderstorm Winds
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Several trees were blown over in the city causing minor damage. A century-old log cabin had its roof ripped off by the wind.

Llano County

Llano	24	0945CST			?	?	?	?	Thunderstorm Winds
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Jim Wells County 10 N Alice

24	1345CST			?	?	?	?	Thunderstorm Winds (G54)
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Wind gusts to 63 mph were recorded at the Orange Grove Naval Air Station north of the city of Alice.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, Southern Cont'd

Goliad County	24	1400CST			?	?	3	?	Flash Flood
Jackson County	24	1400CST			?	?	3	?	Flash Flood
Lavaca County	24	1400CST			?	?	4	?	Flash Flood
Victoria County	24	1400CST			?	?	4	?	Flash Flood

The sheriff's offices in all four counties reported roads closed throughout their areas due to flooding from heavy rains. In Lavaca County, a low-water crossing bridge was washed out.

Nueces County Bishop	24	1530CST			?	?	?	?	Hail (0.75)
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Dime-size hail was reported in Bishop by the sheriff's office.

Kleberg County 8 S Kingsville	24	1550CST			?	?	4	?	Thunderstorm Winds
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Severe thunderstorm winds downed two utility poles over Farm-to-Market Road 2160 south of the town of Ricardo. Power lines were out for several hours.

Burleson County	24	1601CST- 1800CST			?	?	3	?	Flash Flood
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The sheriff's office reported most county roads closed due to flooding. Flood waters began to recede around 1800 CST.

Fort Bend County Rosenberg	24	1600CST			?	?	3	?	Thunderstorm Winds
Needville	24	1600CST			?	?	4	?	Thunderstorm Winds
6 W Sugar Land	24	1615CST	0.1	30	?	?	4	?	Tornado (F0)

Severe thunderstorms moved through the county and tore a portion of a roof off a furniture store in Rosenberg and ripped the roof off a mobile home in the town of Needville. Power lines through out the county were downed. The sheriff's office reported a tornado, briefly on the ground. Some damage was reported to an apartment complex.

TEXAS, Western

Jeff Davis County Fort Davis	04	0600CST- 1000CST			0	0	0	0	Heavy Snow
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An upper level storm system brought heavy snow to the mountains of Southwestern Texas. Four inches of snow fell at Fort Davis during the early morning hours. The snow combined with 50-mph wind gusts to produce hazardous driving conditions, but no damage or injuries were directly related to the snow.

Howard County Big Spring	23	2130CST			0	0	1	1	Hail (0.75)
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The Big Spring Police Department reported dime-size hail in Big Spring; no significant damage resulted.

Midland County 8 SW Midland	23	2140CST			0	0	1	1	Hail (0.75)
Midland	23	2205CST			0	0	2	1	Hail (1.00)

A SKYWARN spotter reported dime-size hail 3 miles south of the Midland International Airport. As the storm moved through Midland, the Midland County Sheriff's Office reported quarter-size hail at several locations in the city; no significant damage resulted from the hail.

Howard County 4 S Big Spring	23	2238CST			0	0	1	1	Hail (0.75)
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The Howard County Sheriff's Office reported dime-size hail four miles south of Big Spring; no significant damage resulted.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
UTAH									
UTZ010-011	11	0500MST-							
	12	0500MST			4	0	0	0	Heavy Snow
A moist southwesterly flow produced 1 to 2 feet of snow in the mountains. Because of this snowfall and the existing snowpack conditions, an avalanche occurred on the afternoon of the 12th in the Gold Basin area of the La Sal Mountains in southeast Utah. This avalanche was responsible for the deaths of four people. (M370) (M380) (M260) (F310)									
UTZ011	12	1700MST-							
	13	2300MST			0	0	0	0	Heavy Snow
UTZ005-006-012-013	13	0100MST-							
		1300MST			0	0	0	0	Heavy Snow
Another storm moved into the state from the southwest only 12 to 18 hours after the previous storm. This storm produced 15 to 21 inches in the southern mountains and 4 to 8 inches in the southern and eastern valley locations.									
Washington County	15	2100MST-							
	16	0000MST			0	0	2	0	Flash Flood
Heavy rain fell in much of the county from 1800 MST to 2300 MST. In St. George, there was some basement and street flooding. Some of the man-hole covers were lifted up by the water. The heavy rain also caused streams in the area to rise, but none left their banks. There were some mud and rock slides that occurred, but they caused no damage. Only minor damage was reported in the St. George area.									
An event called the Mountain Man Rendezvous was taking place in the county. This group was camping in a dry wash that flooded that same evening; no injuries resulted.									
UTZ005-006-011-013	15	2230MST-							
	16	1100MST			0	0	0	0	Heavy Snow
A storm system that moved in from the southwest, brought snow to the entire state. The valley locations received 4 to 8 inches. The southern plateau areas picked up 8 inches while the southern mountains ranged from 9 to 16 inches.									
UTZ010	16	0200MST-							
	17	0700MST			0	0	0	0	Heavy Snow
UTZ003	16	0500MST-							
		1200MST			0	0	0	0	Heavy Snow
The same storm system that brought snow to the southern and eastern portions of the state finally moved into northwestern Utah. Valley locations received 4 to 10 inches while the mountains picked up 12 to 26 inches.									
UTZ010	22	0600MST-							
		1800MST			0	0	0	0	Heavy Snow
A storm that moved in from the northwest, produced heavy snow in the northwestern mountains. Snowfall amounts ranged from 9 to 13 inches.									
VERMONT									
VTZ001 > 003 Northern Vermont	04	1200EST-							
	05	0600EST-			0	0	?	0	Heavy Snow
A low pressure system gathered strength as it moved from the eastern Great Lakes Region on the morning of February 4th to the Gulf of Maine on the morning of February 5th. Snowfall amounts ranged from 6 to 12 inches across northern Vermont. Burlington reported 7 inches of snow while South Lincoln and Ludlow had 10 inches and Jay Peak reported 12 inches.									
VTZ002-003 North-Central and Northeastern Vermont	15	1400EST-							
	16	0400EST			0	0	4	0	Heavy Snow

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

VERMONT Cont'd

A low pressure system moved from central Indiana on the morning of February 15th to the Saint Lawrence Valley on the morning of February 16th as a second low pressure system developed along the New England Coast. Snowfall amounts of 6 to 12 inches were common across north-central and northeastern Vermont. Some snowfall reports included 8 inches at Burke Mountain, 9 inches at Stowe and 12 inches at Jay Peak. The snowfall resulted in several traffic accidents in the Barre area.

VTZ002-003
North-Central
and Northeastern
Vermont

28	1200EST-								
29	0000EST				0	0	?	0	Heavy Snow

A low pressure system moved from the upper Great Lakes Region on the morning of February 28th to the Canadian Maritimes on the morning of February 29th. Snowfall amounts ranged from 5 to 11 inches across north-central and northeastern Vermont. Some snowfall reports included 6 inches in Quechee, 7 inches in Stowe, 8 inches in Sutton and 11 inches in Cabot.

VIRGINIA

VAZ005-010 > 16

13	0000EST-								
	0900EST				0	0	0	0	Snow

Three to five inches of snow fell across northern and northwestern Virginia. In Fairfax County, a 57-year-old man was killed in a two-car collision. Police said he was going too fast for conditions. The other driver was slightly injured. In Rockbridge County near Collierstown, a motorist was injured when his car slid off a road. In Greene County, three people were injured in a collision when the driver lost control of the vehicle because he was driving too fast for weather conditions. Over southwestern Virginia, as much as 8 to 10 inches fell. Only minor disruptions to traffic occurred.

Southampton County
2 NW Franklin

15	1920EST								
					0	0	0	0	Thunderstorm Winds

Downburst winds downed a few trees.

City of Suffolk
1 W Holland

15	1940EST								
					0	0	3	0	Thunderstorm Winds

Downburst winds downed a few trees and power lines.

WASHINGTON

WAZ012
Cascade Mountains

18	0100PST-								
19	0300PST				0	0	?	0	Heavy Snow

Cool, moist air from the Gulf of Alaska circulating into Washington combined with mild, moist air from west of California producing heavy snowfall in the Washington Cascades. Snowfall amounts at pass levels included Mount Baker 26 inches, Snoqualmie 21 inches, Paradise Ranger Station 19 inches, Stevens Pass 18 inches and 10 inches at Stampede Pass.

WAZ001-002-004
Northern Coast
Northwestern Interior
Hood Canal

21	1400PST-								
	1700PST				0	0	0	0	High Winds

A deep low pressure area near the Queen Charlotte Islands caused strong southerly winds over the northwestern corner of Washington. Most of the high winds were reported over water areas with sustained winds of 51 mph at Tatoosh Island and 41 mph at Smith Island. Bangor had winds of 63 mph at 90 feet above the water.

WAZ012
Cascade Mountains

21	0300PST-								
	2100PST				0	0	?	0	Heavy Snow

Heavy snow fell at the pass levels in the Washington Cascades. Snowfall totals ranged from 5 inches at both Mission Ridge and Stampede Pass to 13 inches at Paradise Ranger Station.

WEST VIRGINIA

WVZ008-009

12	2200EST-								
13	2200EST				0	0	0	0	Heavy Snow

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WEST VIRGINIA Cont'd

A storm moved up the Ohio River Valley and dumped 4 to 9 inches of snow across the Greenbrier Valley and higher terrain of the northern mountains. Thomas and Snowshoe had a 9 inch snowfall, while Canaan Valley had 8 inches, 6 inches in Bartow, 5 inches in Marlinton, and 4 inches in Lewisburg.

Mercer County	25	2200EST-							Small Stream and Headwater River Flood
	26	0800EST			0	0	3	0	
Summers County	25	2300EST-			0	0	3	0	Small Stream and Headwater River Flood
	26	0900EST			0	0	3	0	
Calhoun County	26	0100EST-			0	0	3	0	Small Stream and Headwater River Flood
		0900EST			0	0	3	0	

A storm crossing through the Gulf Coast states spread heavy rains north into southern and central West Virginia. Overnight rains of 1.00 to 1.75 inches caused small streams and headwaters rivers to overflow. Minor basement and street flooding occurred around Bluefield and Princeton. The East River flooded basements from Oakvale to Willowton. The Bluestone River crested at dawn about 1 foot over bankfull around Pipestem.

Route 12 in Summers County was blocked for several hours by a large mudslide. The West Fork of the Little Kanawha River in Calhoun County overflowed causing water of 1 to 1.5 feet deep across Route 16 between Minnora and Arnoldsburg.

WISCONSIN

WIZ002-004-005- 006-007-008- 011, Northeastern and Central Wisconsin	23	Evening-							Heavy Snow
	24	Late Evening			0	0	?	0	

A slow moving snowstorm deposited a swath of heavy snow measuring from 4 to 10 inches across portions of northeastern and central Wisconsin. Snow amounts included 10 inches at Medford in Taylor County, and 9 inches at Lake Thompson in Oneida County.

WYOMING

WYZ069	19	1000MST-							High Winds
		1215MST			0	0	0	0	

High winds buffeted southeastern Wyoming through the late morning. Wind gusts to 65 mph were reported by the highway department 10 miles south of Wheatland.

ALASKA, Northern

None reported.

ALASKA, Southeastern

AKZ014 Southern Southeast Alaska	02	Evening-							High Winds
	03	Morning			0	0	3	0	
AKZ 012 Lynn Canal Glacier Bay	03	Early Morning- Evening			0	0	0	0	Heavy Snow

A 970 mb north Pacific low moved north along the outer coast of the Alaska panhandle. It produced very strong winds especially over the southern panhandle. Sustained winds at Cape Decision were as high as 45 mph and gusts reached 78 mph. The peak wind measured from the roof of the Ketchikan Airport terminal building was 106 mph. The high winds caused a few power outages in the Ketchikan area. A 45-foot boat broke free from its mooring and hit another boat, neither vessel sustained damage. This same storm produced heavy snow in the northern panhandle. The police at Haines reported that 4 inches of snow fell early in the morning on the 3rd, and 6 inches fell during the day.

AKZ012-013 Lynn Canal Glacier Bay Central Southeast Alaska	18	Morning- Late Evening							High Winds
					0	0	0	0	

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ALASKA, Southeastern Cont'd

A strong surface high pressure area built over the Yukon Territory and produced a very tight northeasterly gradient over the Alaska panhandle. The highest sustained measured wind was 48 mph at Point Bishop.

AK013 Central Southeast Alaska	20 22	Late Evening- Early Morning			0	0	0	0	Heavy Snow
--------------------------------------	----------	--------------------------------	--	--	---	---	---	---	------------

A strong surface high over the Yukon Territory pushed an Arctic airmass into the panhandle of Alaska. A low moved north over the southern and central panhandle producing snow over all of southeastern Alaska. The heaviest snow fell in the southern half of the central panhandle. According to local police stations, Petersburg received 15 inches of snow while 8 to 12 inches fell in Wrangle.

ALASKA, Southern

King Salmon	01	0900AST			?	?	?	?	Record Low Temperatures
-------------	----	---------	--	--	---	---	---	---	-------------------------

King Salmon's low of -25°F broke the old record of -21°F which was set in 1967.

Eastern Aleutians Pribilofs	03 04	Unknown-			?	?	?	?	High Winds Blizzard
--------------------------------	----------	----------	--	--	---	---	---	---	------------------------

Intense low pressure, 950 mb at its deepest, moved to Amchitka as a 962 mb low and then moved east-northeast to 100 miles north of Seguam Island. This storm produced strong winds and blizzard conditions. Dutch harbor recorded peak wind gusts of 75 mph with near zero visibilities. St. Paul Island received sustained winds of 50 mph with gusts over 60 mph with visibilities less than 1 mile in blowing snow. These conditions slowly improved during the morning on the 4th.

Western Aleutians	09 10	Unknown-			?	?	?	?	High Winds
-------------------	----------	----------	--	--	---	---	---	---	------------

An strong 965 mb low moved northward, passing 60 miles west of Shemya, produced sustained winds of over 60 mph with a peak gust of 86 mph. Shemya recorded sustained winds of 55 mph or higher for eight consecutive hours. The fastest 1-minute-wind speed observed was 68 mph.

Prince William Sound	14 16	Unknown-			?	?	?	?	High Winds
----------------------	----------	----------	--	--	---	---	---	---	------------

Low pressure near Yakutat combined with strong high pressure over the eastern north slope to produce north winds that gusted in excess of 60 mph.

Kodiak Island Prince William Sound	22 24	Unknown-			?	?	?	?	Record Snowfall
---------------------------------------	----------	----------	--	--	---	---	---	---	-----------------

A 967 mb low moved northward to the Kenai Peninsula and Cook Inlet passing just east of Kodiak Island. This storm, that began on the evening of the 22nd, brought 21.4 inches of snow to Kodiak State Airport by 0400 AST on the 24th. On the 23rd, 19 inches of snow fell setting a 1-day February snowfall record. The old record of 13.1 inches was set on February 12, 1973. This was also the heaviest 1-day snowfall since 21.5 inches fell on January 7, 1947, which is the all time 1-day record. A depth of 21 inches on the 24th is the deepest at Kodiak State Airport since 1975. This compares to the record snow depth of 35 inches measured in March 1956. The heavy snow along with gusty northwest winds reduced visibilities to near zero at times. This same storm system brought over 15 inches of new snow to Valdez.

South-central Alaska Prince William Sound	27 28	Unknown-			?	?	?	?	Heavy Snow
--	----------	----------	--	--	---	---	---	---	------------

A deepening low pressure area in the northern Gulf of Alaska moved to the northern Sustina Valley by the morning of the 28th. Snowfall over Cook Inlet and the Sustina Valley was 12 to 25 inches over a 2-day period with Palmer receiving 20 inches in less than 24 hours. From the 27th through the 29th, over 25 inches of snow fell in Valdez.

Storm Data and Unusual Weather Phenomena

February 1992

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

HAWAII

All Islands	04	PM			0	0	4	0	Winds
-------------	----	----	--	--	---	---	---	---	-------

A moderately strong high pressure system north of the Islands in combination with a deep low developing off the California coast caused locally gusty northeasterly winds over all the islands. A garage roof was blown away in the Nuuanu district (1900 HST) and a number of trees and power lines were reported down elsewhere on Oahu.

All Islands	13- 14				0	0	5	0	Flash Flood
-------------	-----------	--	--	--	---	---	---	---	-------------

A low pressure system developed rather close to the Hawaiian Islands and moved east-northeast just north of the chain. A cloud band associated with this low produced locally heavy rains especially over the northern half of the state. These rains fell during the afternoon hours on Kauai and prompted the evacuation of the people along Anahola River Valley as the river went bankfull. This is the same area where severe flooding occurred 1 month ago. On Oahu, the heavy rains arrived during the predawn hours on the 14th causing flooding along the Waianae coast (0300 HST) and within the Honolulu area (0600 HST). Localized minor flooding was also reported on Molokai (0900 HST). Gusty southwest winds accompanied the passing of the low north of the islands. An unusually long period of southwest winds with little or no rainfall followed until about the end of the month.

PACIFIC

None reported.

PUERTO RICO

Fajardo	03	0930AST	?	?	0	0	0	0	Waterspout
---------	----	---------	---	---	---	---	---	---	------------

Two waterspouts were sighted by an aircraft pilot 1 mile north of Fajardo Lighthouse.

Ceiba	12	1455AST	?	?	0	0	0	0	Waterspout
-------	----	---------	---	---	---	---	---	---	------------

An aircraft pilot sighted a waterspout east of Ceiba.

U.S. VIRGIN ISLANDS

St. Thomas	03	1330AST	?	?	0	0	0	0	Waterspout
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Two waterspouts were sighted by an aircraft pilot 7 miles north of St. Thomas.

STORM SUMMARY

February 1992

TYPE	ALABAMA	ARIZONA	ARKANSAS	CALIFORNIA	COLORADO	CONNECTICUT	DELAWARE	FLORIDA	GEORGIA	IDAHOW	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA	MAINE	MARYLAND & D.C.	MASSACHUSETTS	MICHIGAN	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA	NEVADA	NEW HAMPSHIRE
TORNADOES			0	0	0			11				1			0					0	0		2	0		0	0
Number		3		1				11				1			0					0	0		2	0		0	0
Days		10000		10000				0000				0000										0000					
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
HAIL																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
THUNDERSTORM WINDS																											
Deaths	0																										
Injuries	0																										
Property Damage	0																										
Crop Damage	0																										
HIGH WINDS																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
LIGHTNING																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
FLASH FLOODS																											
Deaths		1		2																							
Injuries		0		6																							
Property Damage		0		0																							
Crop Damage		0		0																							
FLOODS																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
HEAVY SNOWSTORMS AND BLIZZARDS @																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
ICE STORMS #																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
HURRICANES AND TROPICAL STORMS																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											
ALL OTHERS																											
Deaths																											
Injuries																											
Property Damage																											
Crop Damage																											

STORM DAMAGE CATAGORIES

REFERENCE NOTES

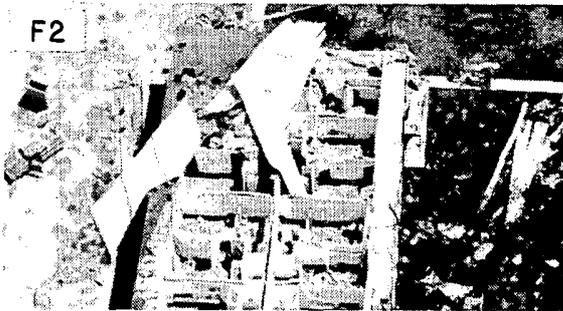
- 1 Less than \$50
- 2 \$50 to \$500
- 3 \$500 to \$5,000
- 4 \$5,000 to \$50,000
- 5 \$50,000 to \$500,000
- 6 \$500,000 to \$5 Million
- 7 \$5 Million to \$50 Million
- 8 \$50 Million to \$500 Million
- 9 \$500 Million to \$5 Billion

- 0/Blank None reported.
- * Miles instead of yards.
- ** Yards instead of miles.
- @ Includes heavy sleet storm.
- # Freezing drizzle and freezing rain, commonly known as glaze.
- ≠ Report incomplete.
- ≠# Report not received.
- o/c Indicates Crop Damage amount is included in the value given for property damage.

When reports are not received or are incomplete, the Storm Summary National Death and Injury totals may also be incomplete.

Definition of Fujita Tornado Scale (F scale)

(F0) Gale tornado (40-72 mph): Light damage
Some damage to chimneys; break branches off trees; push over shallow-rooted trees; damage sign boards.



(F1) Moderate tornado (73-112 mph): Moderate damage
The lower limit (73 mph) is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.



(F2) Significant tornado (113-157 mph): Considerable damage
Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3) Severe tornado (158-206 mph): Severe damage
Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.



(F4) Devastating tornado (207-260 mph): Devastating damage
Well-constructed houses leveled; structure with weak foundation blown off some distance; cars thrown and large missiles generated.

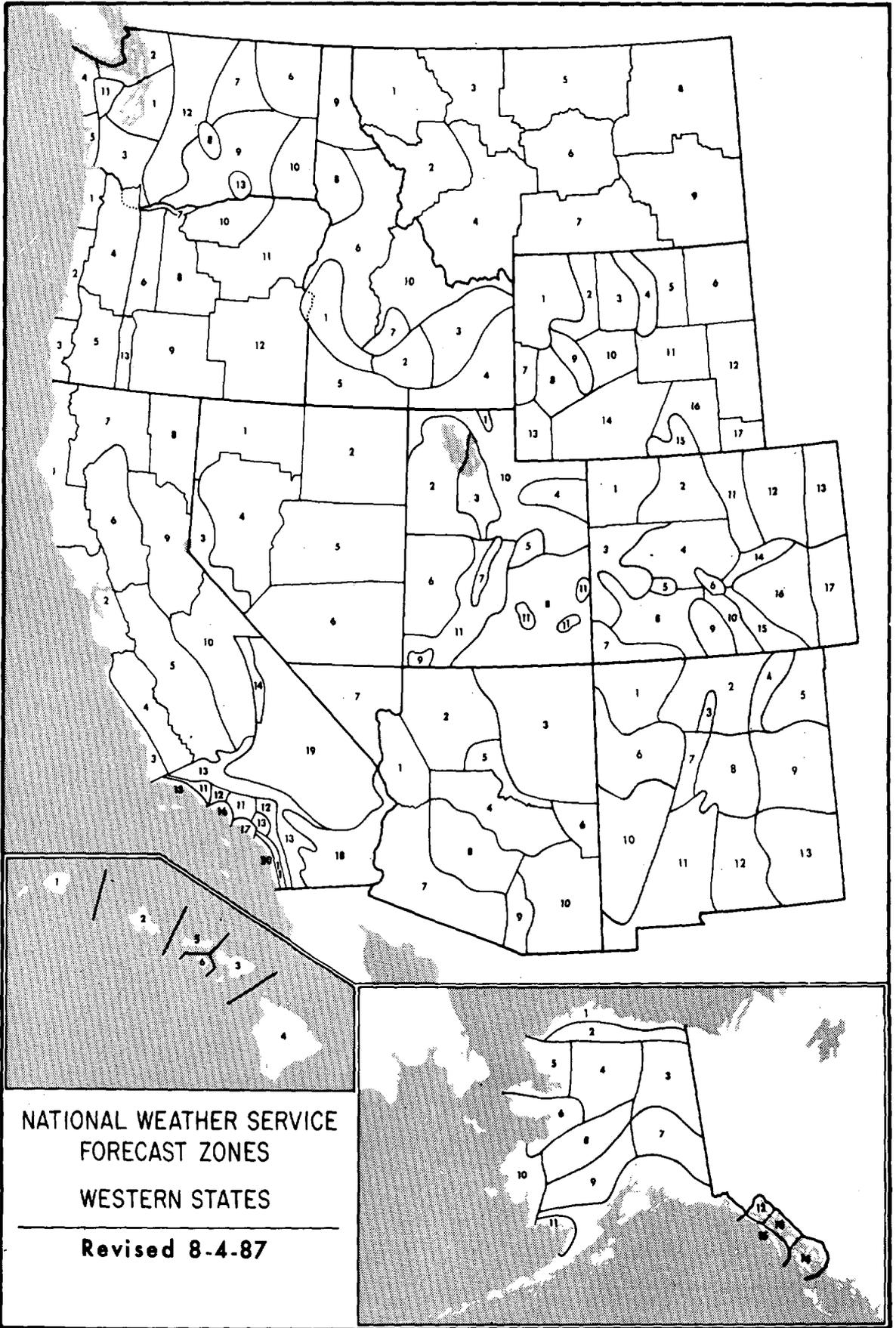
(F5) Incredible tornado (261-318 mph): Incredible damage
Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 m; trees debarked; incredible phenomena will occur.



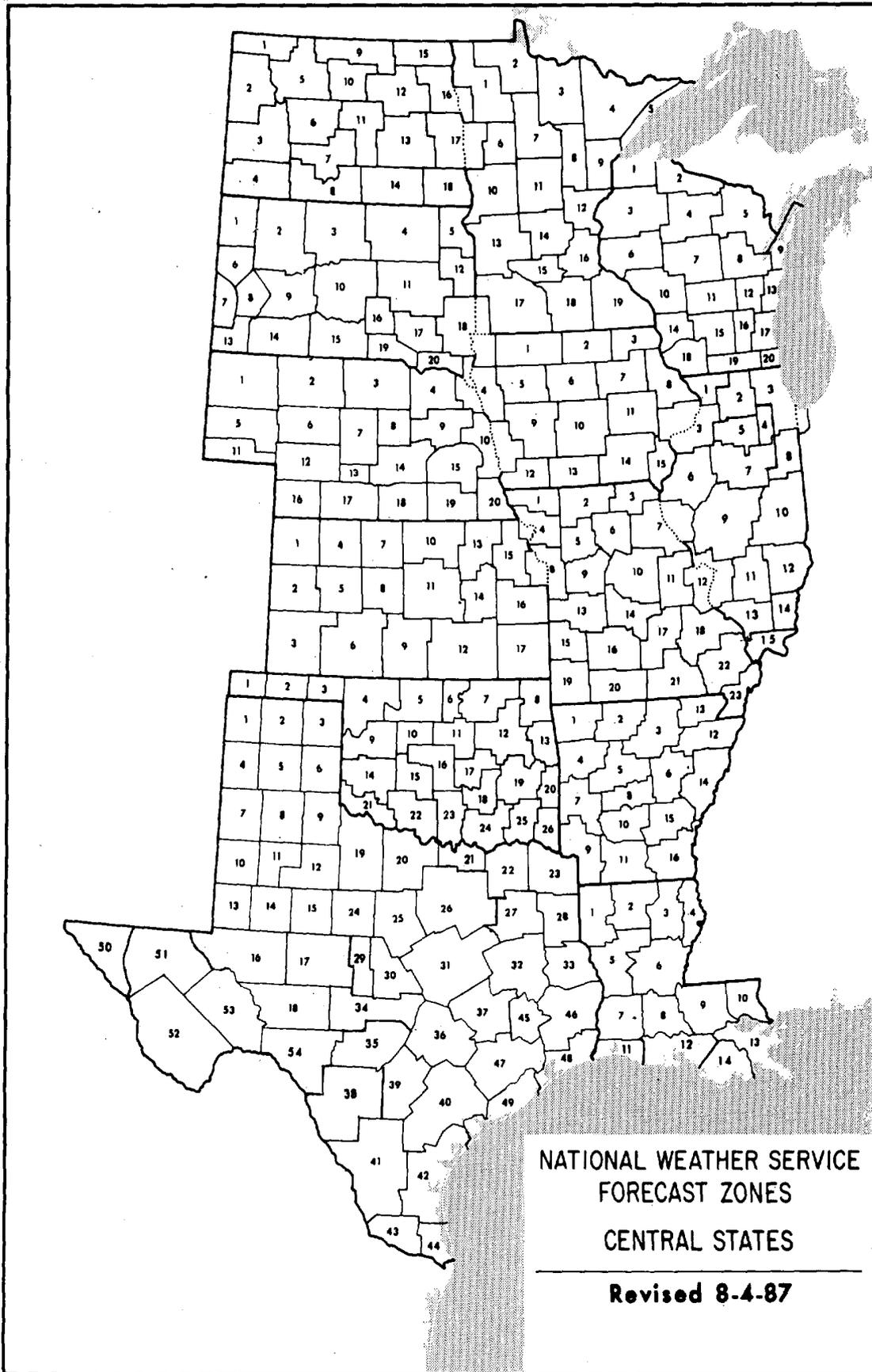
(F6-F12) (319 mph to Mach 1, the speed of sound):
The maximum wind speeds of tornadoes are not expected to reach the F6 wind speeds.

-
- (F0+F1) Weak Tornado
 - (F2+F3) Strong Tornado
 - (F4+F5) Violent Tornado
-

From J. Atmos. Sci., August 1981, p. 1517-1519



NATIONAL WEATHER SERVICE
 FORECAST ZONES
 WESTERN STATES
 Revised 8-4-87



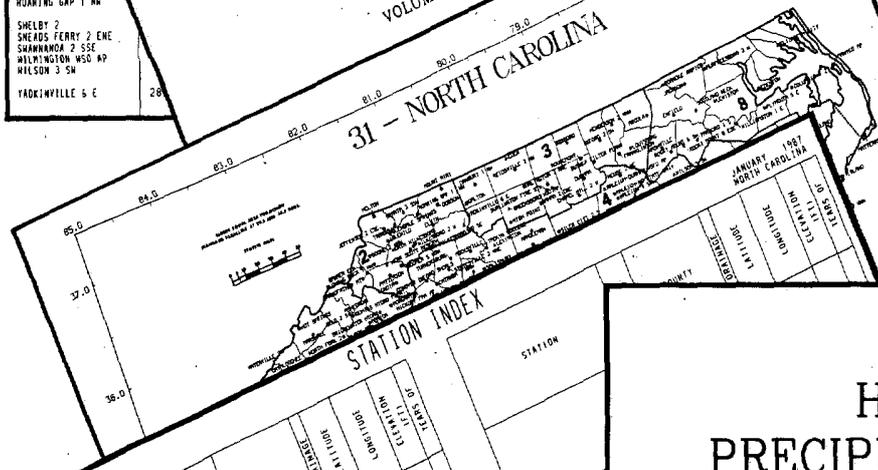
STATION	ANNUAL	MONTHLY PRECIPITATION TOTALS											
		MONTH											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH CAROLINA													
ASHEVILLE WSO AP	36.57	1.11	1.85	2.75	0.57	3.55				4.19	5.28	4.28	
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.65			2.77	4.15	2.54		
ASHFORD	36.74E	1.20	2.70	2.90	0.54E				2.80	4.90	4.80		
BADIN	-	-	1.30	2.60	1.20E				2.40	4.10	2.90		
B EVERETT JORDAN DAM	-	1.70	1.50						-	1.70	-		
BOONER 5 WSO	-	1.00	2.10										
BURLINGTON 2 WSO	-	0.90	1.92E										
CAPE HATTERAS WSO	48.86	5.75											
CARTHAGE 8 SE	-	1.70											
CATALDOCHEE	-	0.55											
CHARLOTTE WSO AP	26.51												
CLINTON 2 NE	36.51												
DALTON	-												
DOBSON	-												
EDEEN	-												
ELLIOTT	-												
ELLIOTT	-												
FAYE	-												
FRANKLIN	-												
GREEKS	-												
GREENVIEW	-												
HELTON	-												
HOBUCKER	-												
LAKE LURE	-												
LAURINBURG	-												
LEXINGTON	-												
MOORESVILLE 2	-												
MOOREHEAD CITY	-												
MOUNT PLEASANT	-												
M WILKESBORO 12	-												
POLKTON 2 NE	-												
QUEBEC	-												
RALEIGH-DURHAM WSO	-												
ROANoke RAPIDS	-												
ROARING GAP 1 NW	-												
SHELBY 2	-												
SHEARS FERRY 2 ENE	-												
SWANANOA 2 SSE	-												
WILMINGTON WSO AP	-												
WILSON 3 SE	-												
YADKINVILLE 5 E	28												

HOURLY PRECIPITATION DATA

NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA



STATION INDEX

STATION	COUNTY	PRECIPITATION	NO. OF DAYS	NO. OF HOURS
ASHEVILLE WSO AP	ASHEVILLE	36.57	31	744
ASHEVILLE	ASHEVILLE	25.67	31	744
ASHFORD	ASHFORD	36.74E	31	744
BADIN	ALAMANCE	-	31	744
B EVERETT JORDAN DAM	ALAMANCE	-	31	744
BOONER 5 WSO	BOONER	-	31	744
BURLINGTON 2 WSO	ALAMANCE	-	31	744
CAPE HATTERAS WSO	CURRITUCK	48.86	31	744
CARTHAGE 8 SE	ALAMANCE	-	31	744
CATALDOCHEE	ALAMANCE	-	31	744
CHARLOTTE WSO AP	MECKLENBURG	26.51	31	744
CLINTON 2 NE	ALAMANCE	36.51	31	744
DALTON	ALAMANCE	-	31	744
DOBSON	ALAMANCE	-	31	744
EDEEN	ALAMANCE	-	31	744
ELLIOTT	ALAMANCE	-	31	744
ELLIOTT	ALAMANCE	-	31	744
FAYE	ALAMANCE	-	31	744
FRANKLIN	ALAMANCE	-	31	744
GREEKS	ALAMANCE	-	31	744
GREENVIEW	ALAMANCE	-	31	744
HELTON	ALAMANCE	-	31	744
HOBUCKER	ALAMANCE	-	31	744
LAKE LURE	ALAMANCE	-	31	744
LAURINBURG	ALAMANCE	-	31	744
LEXINGTON	ALAMANCE	-	31	744
MOORESVILLE 2	ALAMANCE	-	31	744
MOOREHEAD CITY	ALAMANCE	-	31	744
MOUNT PLEASANT	ALAMANCE	-	31	744
M WILKESBORO 12	ALAMANCE	-	31	744
POLKTON 2 NE	ALAMANCE	-	31	744
QUEBEC	ALAMANCE	-	31	744
RALEIGH-DURHAM WSO	ALAMANCE	-	31	744
ROANoke RAPIDS	ALAMANCE	-	31	744
ROARING GAP 1 NW	ALAMANCE	-	31	744
SHELBY 2	ALAMANCE	-	31	744
SHEARS FERRY 2 ENE	ALAMANCE	-	31	744
SWANANOA 2 SSE	ALAMANCE	-	31	744
WILMINGTON WSO AP	ALAMANCE	-	31	744
WILSON 3 SE	ALAMANCE	-	31	744
YADKINVILLE 5 E	ALAMANCE	28	31	744

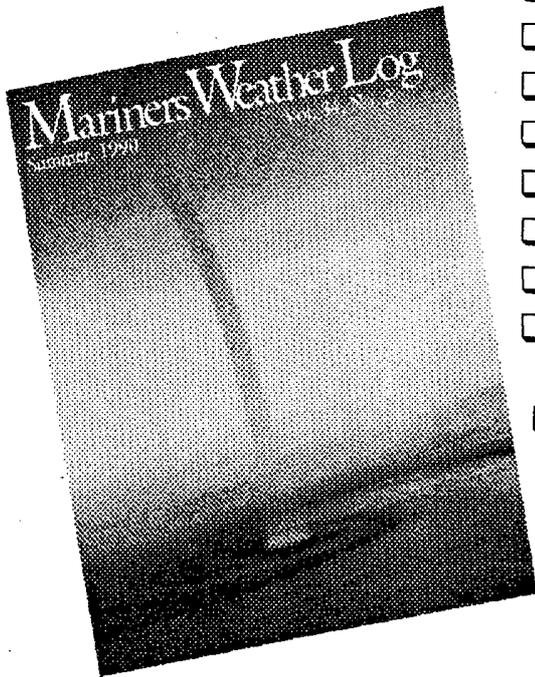
MONTHLY PRECIPITATION MAXIMA

MAXIMA FOR MEASUREMENT PERIODS OF

STATION	HOURS					
	15	30	45	1	2	3
ASHEVILLE WSO AP	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ASHEVILLE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ASHFORD	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
BADIN	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
B EVERETT JORDAN DAM	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
BOONER 5 WSO	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
BURLINGTON 2 WSO	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
CAPE HATTERAS WSO	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
CARTHAGE 8 SE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
CATALDOCHEE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
CHARLOTTE WSO AP	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
CLINTON 2 NE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
DALTON	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
DOBSON	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
EDEEN	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ELLIOTT	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ELLIOTT	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
FAYE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
FRANKLIN	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
GREEKS	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
GREENVIEW	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
HELTON	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
HOBUCKER	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
LAKE LURE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
LAURINBURG	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
LEXINGTON	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
MOORESVILLE 2	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
MOOREHEAD CITY	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
MOUNT PLEASANT	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
M WILKESBORO 12	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
POLKTON 2 NE	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
QUEBEC	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
RALEIGH-DURHAM WSO	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ROANoke RAPIDS	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
ROARING GAP 1 NW	10.24/1000-30 0111/15	19.24/1000-30 0111/15	29.23/1015-30 0111/15	30 18/1000-30 0111/15	30 25/1000-30 0111/15	42 18/1000-30 0111/15
SHELBY 2	10.24/1000-30 0111/15	19.24/1000-30				

Mariners Weather Log

Serving the maritime community



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