

NOVEMBER 1994  
VOLUME 36  
NUMBER 11

WEA

# 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.

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**Cover:** Thunderstorm winds damaged this cotton warehouse at the Portland Gin Company in Ashley County, Arkansas on November 5. The strong winds also damaged other structures and several cotton trailers at the same location. (*Photo courtesy: David Mayers, Hamburg, Arkansas.*)

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### **STORM DATA**

(ISSN 0039-1972)

National Climatic Data Center

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**STORM DATA** is prepared, funded, and distributed by the National Oceanic and Atmospheric Administration (NOAA). The Outstanding Storms of the Month section is prepared by the Data Operations Branch of the National Climatic Data Center.

The Storm Data and Unusual Weather Phenomena narratives and Hurricane/Tropical Storm summaries are prepared by the National Weather Service. Monthly and annual statistics and summaries of tornado and lightning events resulting in deaths, injuries, and damage are compiled by cooperative efforts between the National Climatic Data Center and the National Severe Storms Forecast Center.

**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.

Maps of the National Weather Service Forecast Zones which are used in the Storm Data and Unusual Weather Phenomena section will be printed in all editions.

Except for limited editing to correct grammatical errors, materials submitted are generally published as received.

Subscription, pricing, and ordering information is available from:

National Climatic Data Center  
151 Patton Avenue  
Asheville, NC 28801-5001  
(704) 271-4800 or (704) CLIMATE

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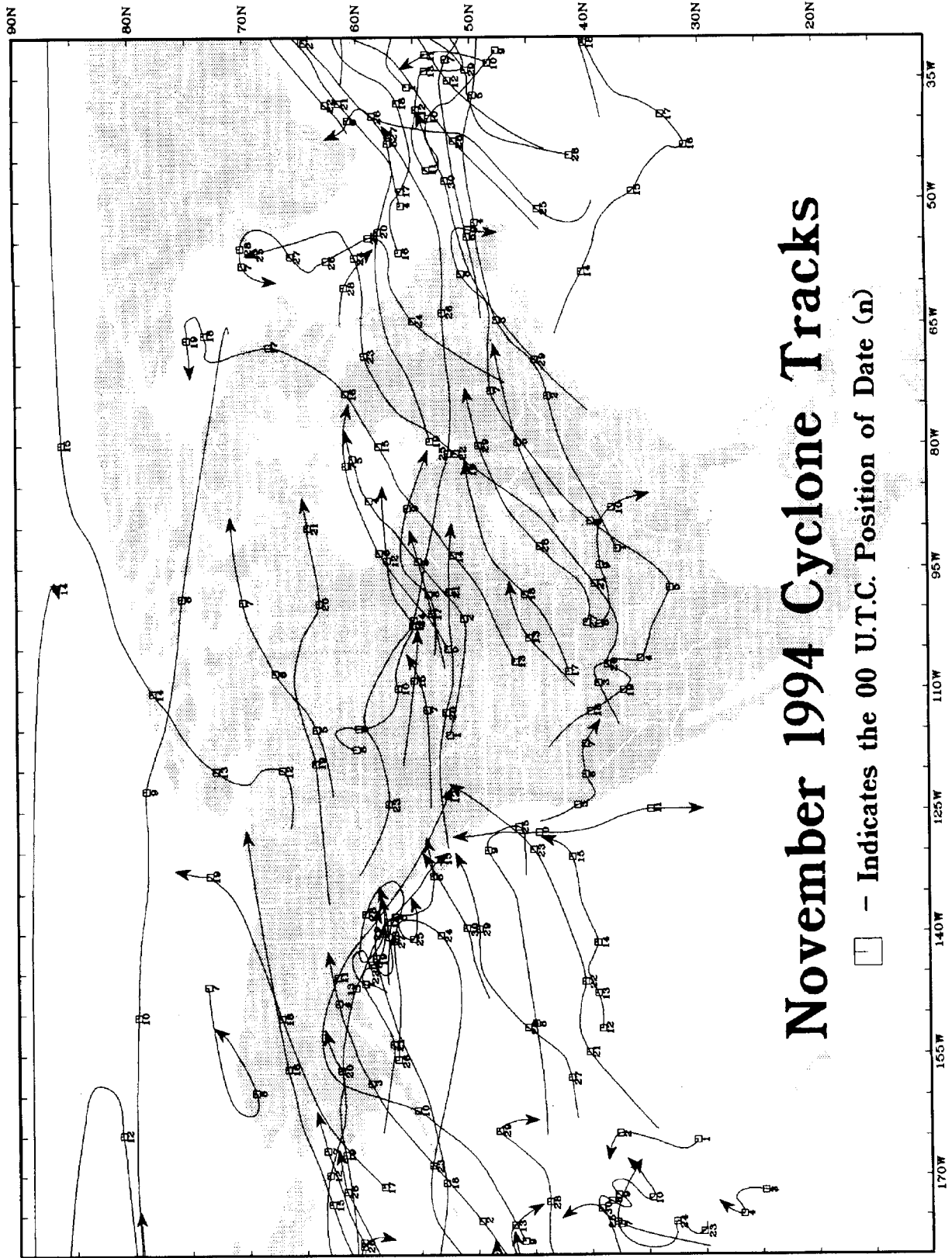
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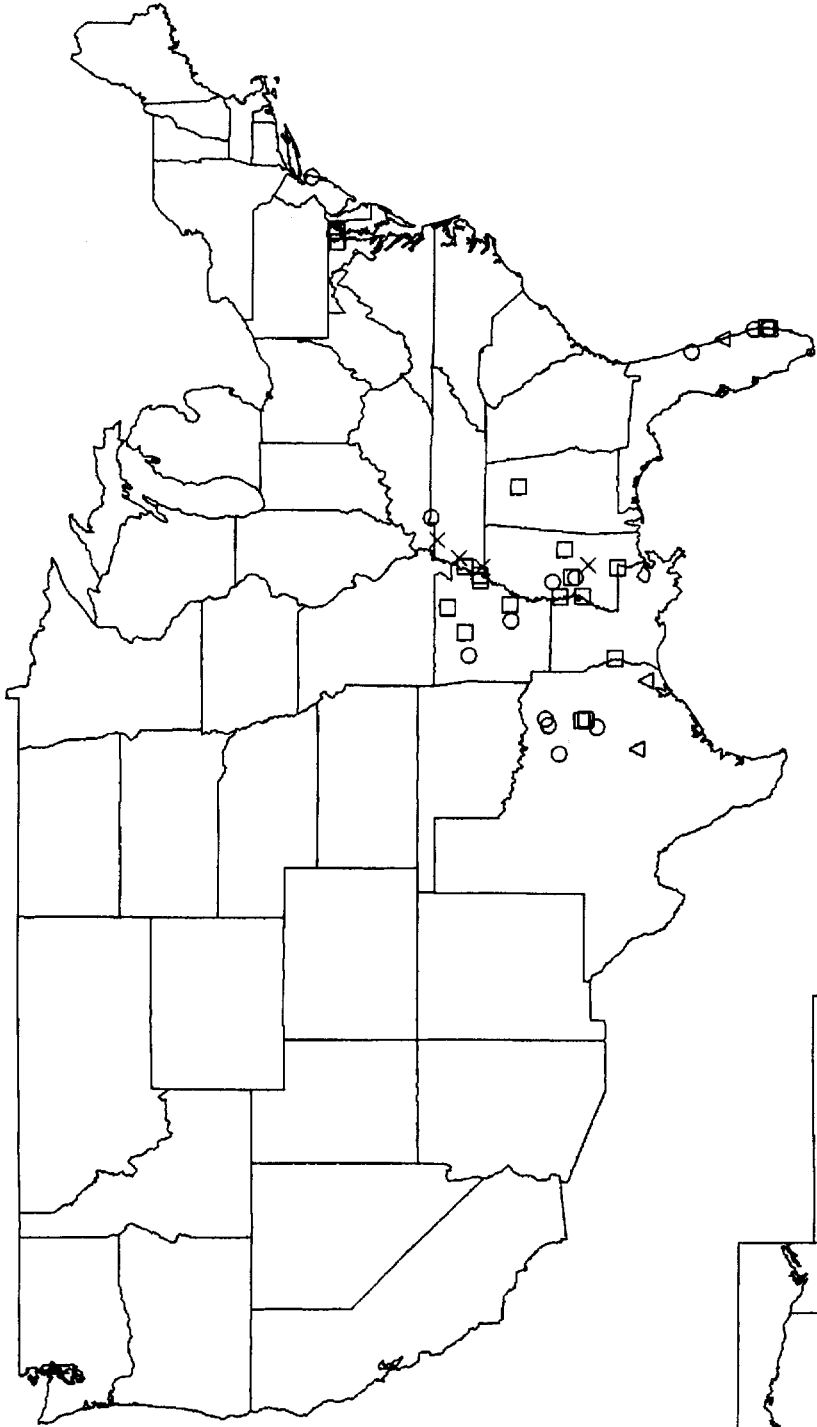
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National Climatic Data Center



# November 1994 Cyclone Tracks

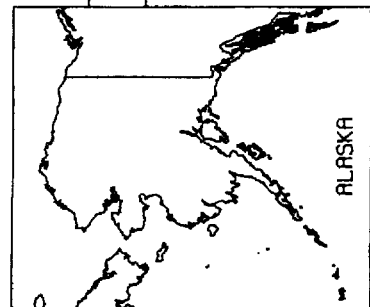
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NOVEMBER 1994 CONFIRMED TORNADES

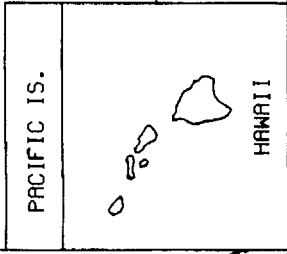


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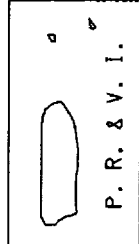


ALASKA



PACIFIC IS.

HAWAII



P. R. & V. I.

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>ALABAMA</b>									
<b>Baldwin County Stockton</b>	<b>06</b>	<b>0415CST</b>			?	?	?	?	<b>Thunderstorm Wind (G50)</b>
Thunderstorm wind downed trees and power lines along Highway 59 north of Stockton.									
<b>Lamar County 4 SE Sulligent</b>	<b>27</b>	<b>1820CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
The Lamar County Sheriff's office reported trees blown down between Kennedy and Sulligent about 4 miles southeast of Sulligent.									
<b>Pickens County Gordo area</b>	<b>27</b>	<b>1910CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
Pickens County Sheriff reported trees down in the Gordo area.									
<b>Lauderdale County 6 NE Florence</b>	<b>27</b>	<b>1914CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>Colbert County Riverton</b>	<b>27</b>	<b>1930CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>Lauderdale County Waterloo</b>	<b>27</b>	<b>2005CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
A spotter reported a large tree blown over in St. Florian, about 6 miles northeast of Florence. The Colbert County Emergency Management Agency reported a large tree blown down in Riverton in the extreme northwest corner of the county. A storm spotter reported large limbs broken off trees at Waterloo in the extreme southwest corner of Lauderdale County.									
<b>Marion County 6 SW Hamilton</b>	<b>27</b>	<b>2118CST</b>			?	?	?	?	<b>Thunderstorm Wind (G50)</b>
<b>3 NE Hamilton</b>	<b>27</b>	<b>2125CST</b>			?	?	?	?	<b>Thunderstorm Wind (G50)</b>
A number of trees were blown down and a couple of cars were blown around on Highway 17 about 6 miles southwest of Hamilton. In the same area, a car shed was blown down near Mt. Joy Church. Trees were blown down and a barn was destroyed by the wind about 3 miles northeast of Hamilton on Highway 17. Though a specific time was not available, a large concrete and brick sign in front of Beville State Community College in Hamilton was blown over. And just off US 278 east of Hamilton, a trailer was blown off its pillars and a roof was blown off a barn around 9:30 p m (2130CST).									
<b>Lamar County Sulligent</b>	<b>27</b>	<b>2130CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
Lamar County Sheriff's office reported trees down near Sulligent.									
<b>Winston County 5 NW Double Springs</b>	<b>27</b>	<b>2146CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>Near Arley</b>	<b>27</b>	<b>2250CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
A porch and roof were blown off a trailer between Ashridge and Double Springs. Electric company reported trees down near Arley.									
<b>Lawrence County Danville</b>	<b>27</b>	<b>2208CST</b>			?	?	?	?	<b>Funnel Cloud</b>
A funnel cloud was reported by a volunteer fireman near the Lawrence-Morgan County line on Alabama 36.									
<b>Cullman County 4 N Jones Chapel</b>	<b>27</b>	<b>2220CST</b>			?	?	?	?	<b>Hail (1.75)</b>
<b>Near Baldwin</b>	<b>27</b>	<b>2315CST</b>			?	?	?	?	<b>Thunderstorm Wind (G50)</b>
<b>Good Hope</b>	<b>27</b>	<b>2315CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
Golf ball size hail was reported in the extreme northwest corner of the county by emergency management. A number of trees were reported downed near Baldwin just west of Cullman. Trees were reported blown down at Good Hope by EMA and electric company.									

**ALABAMA Cont'd**

# Storm Data and Unusual Weather Phenomena

November 1994

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

27	2223CST				?	?	?	?	<b>Hail (0.75)</b> <b>Thunderstorm Wind</b>
----	---------	--	--	--	---	---	---	---	--

Three-quarter inch hail was reported by an amateur radio storm spotter at Neel in western Morgan County. The Public Works Department in Decatur reported several trees down on West Moulton Drive, Memorial Drive Northwest, Church Street Northeast, Seventh Street Southeast, and Sixth Avenue Northeast. Apparently none of the trees fell on any structures.

**Walker County**  
**5 S Jasper**

27	2240CST				?	?	?	?	<b>Thunderstorm Wind (G50)</b>
----	---------	--	--	--	---	---	---	---	--------------------------------

Thunderstorm wind downed trees and power lines and destroyed a barn on Highway 69 about 5 miles south of Jasper. Trees were also reported blown down in Manchester and Gorgas areas.

**Madison County**  
**11 N Huntsville**

27	2330CST				?	?	?	?	<b>Thunderstorm Wind</b>
----	---------	--	--	--	---	---	---	---	--------------------------

The Madison County Emergency Management Agency reported large limbs and a telephone pole broken off on Walker Lane about half way between Meridianville and Hazel Green.

**Tuscaloosa County**  
**Tuscaloosa**  
**Airport**  
**Abernant**

27	2317CST				?	?	?	?	<b>Hail (0.50)</b>
27	2350CST				?	?	?	?	<b>Thunderstorm Wind</b>
28	0030CST				?	?	?	?	<b>Hail (0.50)</b>

Half-inch hail was reported on the southside of Tuscaloosa near intersection of 82 and 20. A transformer was reportedly blown off a power pole at the airport. Quarter to half-inch hail was reported in Abernant.

**Blount County**  
**1 E Cleveland**

28	0030CST	1.6	100	0	5	5	3	<b>Tornado (F1)</b>
----	---------	-----	-----	---	---	---	---	---------------------

A tornado produced a damage path 1.6 miles in length and about 100 yards wide on a northeasterly track. The first damage occurred about 1 mile east of Cleveland in central Blount County. After damaging or destroying several mobile homes and a couple of permanent structures, the tornado crossed U. S. Highway 231 and continued northeast damaging several more structures and another mobile home. All five injuries occurred in mobile homes, three in one and two in another. Injuries to one man required 100 stitches.

**Bibb County**  
**West Blocton**

28	0100CST				?	?	?	?	<b>Hail (0.75)</b>
----	---------	--	--	--	---	---	---	---	--------------------

Half to three-quarter inch hail was reported at West Blocton by the Bibb County Sheriff's office.

**Montgomery County**  
**Montgomery**

28	0315CST				?	?	?	?	<b>Thunderstorm Wind (G53)</b>
----	---------	--	--	--	---	---	---	---	--------------------------------

Wind gusted to 53 knots (61 mph) with a thunderstorm as it passed across Maxwell Air Force Base on the west side of the city of Montgomery. No significant damage was reported.

## ARIZONA

**Cochise County**  
**12 S Sierra Vista**

11	0500MST-								
12	0500MST				0	0	0	0	<b>Heavy Rain</b>

**Greenlee County**  
**Blue River**

11	2200MST-								
12	0500MST				0	0	0	0	<b>Flash Flood</b>

A strong low pressure system crossed Arizona between November 11-12, dumping heavy rain in southeast Arizona. The south slopes of the Huachuca mountains (12S Sierra Vista) received 4.74 inches; at Bisbee, 3.43 inches; Douglas, 2.83 inches; and Nogales, 2.15 inches of rain. Low water crossings along the Blue River flooded and were impassable.

## ARIZONA Cont'd

AZZ003

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Springerville</b>	<b>18</b>	<b>0700MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
Strong gradient winds from a low pressure disturbance over eastern Arizona, produced a peak gust estimated at 60 mph at Springerville Airport. A parked Cessna 182 aircraft was flipped over by the winds. Some shingles were blown off roofs.									
<b>AZZ002-003</b>	<b>18</b>	<b>1430MST-</b>							
	<b>19</b>	<b>0930MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>AZZ005</b>	<b>18</b>	<b>1930MST-</b>							
	<b>19</b>	<b>1100MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
A cold wintery low pressure system brought heavy snow to much of northern Arizona. The North Rim of the Grand Canyon reported 12.5 inches of snow accumulating on the ground; the South Rim of the Grand Canyon, 8 inches; Flagstaff, 7 inches; and the area between Window Rock and Granado, 6 inches of snow.									
<b>AZZ006</b>									
<b>Show Low</b>	<b>26</b>	<b>1712MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
<b>AZZ003</b>									
<b>Springerville</b>	<b>26</b>	<b>1000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
<b>St. Johns</b>	<b>26</b>	<b>1900MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
Strong winds developed behind a cold front. St. Johns Airport measured a peak gust of 58 mph, and Show Low Airport measured a peak gust of 63 mph. At 1000AM MST, Springerville Airport reported sustained winds between 40 and 50 mph with a peak gust of 70 mph. Trees were bending over, with some branches breaking.									
<b>ARKANSAS</b>									
<b>Polk County</b>									
<b>6 S Wickes</b>	<b>03</b>	<b>0400CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds (G45)</b>
An awning was blown off the front of a grocery store.									
<b>Marion County</b>									
<b>Bull Shoals</b>	<b>03</b>	<b>1118CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Baxter County</b>									
<b>3 NW Mountain Home</b>	<b>03</b>	<b>1145CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds (G52)</b>
Thunderstorm winds flipped over a camper trailer at a local business.									
<b>Sebastian County</b>									
<b>Hackett</b>	<b>03</b>	<b>1430CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Lightning</b>
Lightning struck a home in Hackett which resulted in a fire. The house was completely destroyed.									
<b>Franklin County</b>									
<b>Charleston</b>	<b>03</b>	<b>1439CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Newton County</b>									
<b>Jasper</b>	<b>03</b>	<b>1530CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Thunderstorm winds blew the roof off a small building at the fairgrounds.									
<b>Lurton</b>	<b>03</b>	<b>1540CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Several highway signs and antennas were blown down.									
<b>Pope County</b>									
<b>Russellville</b>	<b>03</b>	<b>1557CST</b>							<b>Funnel Cloud</b>
A funnel cloud was observed near Russellville.									
<b>Searcy County</b>									
<b>4 W St. Joe</b>	<b>03</b>	<b>1605CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>4 W St. Joe</b>	<b>03</b>	<b>1605CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>

## ARKANSAS Cont'd

Thunderstorm winds downed some tree limbs.

## Marion County

# Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
November 1994									
<b>5 S Bruno</b>	<b>03</b>	<b>1615CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>5 S Bruno</b>	<b>03</b>	<b>1615CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G56)</b>
<b>Logan County Booneville</b>	<b>03</b>	<b>2035CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Thunderstorm winds knocked down some tree limbs and a television cable.									
<b>Marion County Rea Valley</b>	<b>04</b>	<b>0730CST- 1030CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rains caused flooding of many roads in and around Rea Valley.									
<b>Crawford County 15 NE Van Buren</b>	<b>04</b>	<b>1000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Thunderstorm winds destroyed a garage and knocked over several storage sheds.									
<b>Crawford County</b>	<b>04</b>	<b>1200CST- 1800CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rains resulted in flash flooding of several county roads and numerous low water bridges.									
<b>Sebastian County</b>	<b>04</b>	<b>1500CST- 1700CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rains flooded several roads in Sebastian County.									
<b>Baxter County Mountain Home</b>	<b>04</b>	<b>1543CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Thunderstorm winds downed some power lines.									
<b>Newton County Jasper</b>	<b>04</b>	<b>1557CST- 2000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rains resulted in extensive street flooding in and around Jasper.									
<b>Miller County Brightstar 8 S Fouke</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Thunderstorm winds downed some trees.									
<b>Lafayette County 5 SW Stamps 5 SW Stamps</b>	<b>04</b>	<b>1750CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
	<b>04</b>	<b>1750CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Several trees were blown down.									
<b>Newton County Mt. Judea</b>	<b>04</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Lightning</b>
Lightning struck a house and ignited a small fire. Only minor damage occurred.									
<b>Little River County</b>	<b>04</b>	<b>2100CST-</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
	<b>05</b>	<b>0200CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rains resulted in flash flooding in parts of Little River County. Several county roads were closed due to high water.									
<b>Franklin County</b>	<b>04</b>	<b>2350CST-</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
	<b>05</b>	<b>1000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>

## ARKANSAS Cont'd

Heavy rains caused flash flooding in several parts of Franklin County. Several county roads were impassable for a period of time due to the high water. A number of low-lying bridges were also flooded.



# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Johnson County</b>	<b>04 05</b>	<b>2350CST- 1000CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
									Several county roads in the northern part of Johnson County were flooded as a result of heavy rains.
<b>Little River County Richmond</b>	<b>05</b>	<b>0155CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Thunderstorm winds blew down numerous trees.
<b>Sevier County Central</b>	<b>05</b>	<b>0200CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed several trees.
<b>Marion County</b>	<b>05</b>	<b>0215CST- 0900CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
									Heavy rains caused flooding of numerous roads and low bridges throughout Marion County. Several of the roads and bridges were washed out in areas.
<b>Pope County</b>	<b>05</b>	<b>0230CST- 0930CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
									Heavy rains caused flash flooding throughout Pope County. Numerous county roads and low bridges were washed out in spots.
<b>Searcy County</b>	<b>05</b>	<b>0230CST- 0930CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
									Numerous county roads and low water crossings were flooded as a result of very heavy rainfall.
<b>Logan County</b>	<b>05</b>	<b>0236CST- 0600CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
									Heavy rains flooded several roadways in Logan County. Several small creeks also overflowed their banks because of the heavy rainfall.
<b>Scott County</b>	<b>05</b>	<b>0236CST- 1000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
									Heavy rains caused flash flooding across parts of Scott County. Numerous low water bridges were covered and several county roads were damaged by flooding.
<b>Newton County</b>	<b>05</b>	<b>0300CST- 0930CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Flash Flood</b>
									Heavy rains resulted in extensive flash flooding across Newton County. Several low water bridges were destroyed. A number of roads were also damaged by the high water.
<b>Baxter County</b>	<b>05</b>	<b>0330CST- 1000CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
									Several county roads were flooded as a result of very heavy rainfall.
<b>Miller County 1 S Doddridge</b>	<b>05</b>	<b>0335CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds (G56)</b>
									Numerous trees were blown down.
<b>5 S Fouke</b>	<b>05</b>	<b>0355CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Thunderstorm winds knocked down numerous trees and damaged a barn.
<b>ARKANSAS Cont'd</b>									
<b>Lafayette County 1 S Bradley</b>	<b>05</b>	<b>0338CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Thunderstorm winds damaged two houses and downed some trees.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Canfield</b>	<b>05</b>	<b>0405CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed several trees.
<b>Bradley</b>	<b>05</b>	<b>0420CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Trees and power lines were blown down. Two houses sustained roof damage and windows were blown out of a store.
<b>Polk County</b>	<b>05</b>	<b>0353CST- 0930CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b> A number of county roads and low water bridges were flooded as a result of heavy rainfall.
<b>Columbia County Welcome</b>	<b>05</b>	<b>0420CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Thunderstorm Winds (G61)</b> Thunderstorm winds overturned two mobile homes.
<b>Walkerville</b>	<b>05</b>	<b>0420CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed numerous trees and power lines.
<b>Clark County Arkadelphia</b>	<b>05</b>	<b>0430CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds blew down some trees.
<b>Ouachita County Elliott</b>	<b>05</b>	<b>0455CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some trees and an antenna tower.
<b>Louann</b>	<b>05</b>	<b>0500CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some power lines.
<b>Hot Spring County Malvern</b>	<b>05</b>	<b>0500CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds knocked down several trees and power lines.
<b>Union County Smackover</b>	<b>05</b>	<b>0505CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some trees and power lines. Several homes were also damaged by fallen trees.
<b>5 N Strong</b>	<b>05</b>	<b>0540CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b> Some trees were blown down.
<b>Dallas County Fordyce</b>	<b>05</b>	<b>0515CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds blew down some trees and power lines.
<b>Calhoun County Hampton</b>	<b>05</b>	<b>0520CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed power lines and blew awnings off several buildings.
<b>Cleveland County Rison</b>	<b>05</b>	<b>0540CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some trees. A tree also fell onto a house causing roof damage.
<b>ARKANSAS Cont'd</b>									
<b>Bradley County 8 W Warren</b>	<b>05</b>	<b>0545CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds damaged the roofs of several homes.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Lincoln County Glendale</b>	<b>05</b>	<b>0600CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some trees and power lines.
<b>Drew County 4 SW Monticello</b>	<b>05</b>	<b>0600CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds destroyed a storage building.
<b>2 N Monticello</b>	<b>05</b>	<b>0610CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b> A couple of trees were blown down on Highway 83.
<b>Ashley County Portland</b>	<b>05</b>	<b>0625CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds damaged a shed at a local business.
<b>Desha County McGehee</b>	<b>05</b>	<b>0635CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Several homes received roof damage. A garage door was also blown off a house.
<b>Chicot County Lake Village</b>	<b>05</b>	<b>0655CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds blew over a trailer.
<b>Johnson County 3 E Clarksville</b>	<b>09</b>	<b>0615CST</b>	<b>0.1</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tornado (F0)</b> An F0 tornado touched down briefly 3 miles east of Clarksville. The tornado damaged two chicken houses.
<b>Sebastian County Lavaca</b>	<b>09</b>	<b>0630CST- 0930CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b> Heavy rains caused flash flooding in and around Lavaca. Several streets were covered by high water.
<b>Fort Smith</b>	<b>09</b>	<b>0830CST- 1000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b> Several roads and streets in and around Fort Smith were flooded as a result of heavy rains.
<b>Izard County 1 N Pineville</b>	<b>09</b>	<b>0650CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds downed some trees and power lines.
<b>Jefferson County 1 SE Pine Bluff</b>	<b>09</b>	<b>1155CST- 1156CST</b>	<b>0.1</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tornado (F0)</b> A small F0 tornado touched down briefly just southeast of Pine Bluff. One house sustained some roof damage and the front foyer was blown off. A few tree limbs were also blown down.
<b>Benton County Bella Vista</b>	<b>20</b>	<b>1955CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G52)</b> A deep low pressure system to the northwest of Arkansas produced a strong pressure gradient which resulted in wind gusts to 60 miles an hour at Bella Vista.
<b>ARKANSAS Cont'd</b>									
<b>Madison County Combs</b>	<b>27</b>	<b>0450CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b> Thunderstorm winds damaged several roofs.
<b>Pettigrew</b>	<b>27</b>	<b>0510CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									Thunderstorm winds downed some large tree limbs and power lines.
<b>Franklin County</b> <b>10 W Ozark</b>	27	0530CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds damaged a trailer.
<b>Pope County</b> <b>Moreland</b>	27	0707CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed some trees.
<b>Van Buren County</b> <b>Clinton to</b> <b>2 NE Clinton</b>	27	0750CST- 0753CST	2.0	75	0	0	5	0	<b>Tornado (F1)</b>
									An F1 tornado touched down in Clinton and travelled about 2 miles before lifting. The worst damage occurred at the Clinton airport, where four planes were destroyed and 8 others were damaged. Eight houses and several businesses in Clinton were also damaged. Most of the damage consisted of broken windows and portions of roofs being blown off. Some trees and power lines were also knocked down.
<b>Stone County</b> <b>Hanover</b>	27	0758CST							<b>Funnel Cloud</b>
									A funnel cloud was observed by a Ham radio operator.
<b>10 S Mtn. View</b>	27	0800CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds damaged the roof of a house.
<b>2 E Newnata</b>	27	0810CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds blew the roof off a hay shed.
<b>Pleasant Grove</b>	27	0810CST							<b>Funnel Cloud</b>
									A funnel cloud was spotted by a Ham radio operator.
<b>5 NW Mtn. View</b>	27	0820CST			0	0	4	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds tore sections of a roof off a building.
<b>3 N Mtn. View</b>	27	0820CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed some trees.
<b>Sharp County</b> <b>1 N Poughkeepsie to 4 SE</b> <b>Sitka</b>	27	0855CST- 0905CST	6.0	100	0	3	5	0	<b>Tornado (F1)</b>
									An F1 tornado touched down 1 mile north of Poughkeepsie and travelled 6 miles on the ground before lifting 4 miles southeast of Sitka. Damage along the path of the tornado consisted of a large number of trees being knocked down. Two mobile homes were destroyed. Three people were in one of the mobile homes at the time the storm hit and received minor injuries. Several barns were either damaged or destroyed.
<b>Saline County</b> <b>5 SW Benton</b>	27	1025CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds damaged a camping trailer.
<b>ARKANSAS Cont'd</b>									
<b>Hot Spring County</b> <b>Malvern</b>	27	1030CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed some power lines.
<b>Social Hill</b>	27	1030CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Some trees were blown down.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Miller County</b> 5 E Brightstar	27	1042CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed several trees.
<b>Hempstead County</b> 8 SE Hope	27	1045CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed several trees and damaged a chicken barn.
<b>Lafayette County</b> 5 W Stamps	27	1048CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds knocked down several trees.
<b>Pulaski County</b> Wrightsville	27	1100CST			0	0	3	0	<b>Hail (1.25)</b>
									Several vehicles had windows broken out by large hail.
<b>Craighead County</b> Jonesboro	27	1231CST			0	0	0	0	<b>Hail (0.75)</b>
Jonesboro	27	1234CST			0	0	0	0	<b>Hail (1.25)</b>
Jonesboro	27	1240CST			0	0	4	0	<b>Thunderstorm Winds</b>
									A number of homes sustained wind damage in Jonesboro. The damage mainly consisted of broken windows and awnings. Some roofs were also damaged. A number of trees and power lines were also blown down.
<b>Columbia County</b> 2 N Waldo	27	1300CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Several trees were blown down and a barn received some roof damage.
5 W Emerson	27	1310CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed several trees.
<b>Nevada County</b> Young	27	1305CST			0	0	0	0	<b>Hail (0.88)</b>
Young	27	1305CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Several trees were blown down.
Young	27	1310CST			0	0	3	0	<b>Thunderstorm Winds</b>
									Some trees were blown down and a chicken house was damaged.
2 SW Waterloo	27	1315CST			0	0	4	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds damaged the roof of a chicken barn and knocked down some trees.
<b>Ouachita County</b> 1 S Camden	27	1310CST			0	0	0	0	<b>Hail (0.75)</b>
Harmony Grove	27	1315CST			0	0	4	0	<b>Thunderstorm Winds</b>
									Thunderstorm winds downed trees and power lines. Several homes were also damaged by fallen trees.
<b>ARKANSAS Cont'd</b>									
<b>Arkansas County</b> 4 SSW DeWitt to 3.5 SSE St. Charles	27	1330CST- 1350CST	16.0	75	0	3	6	0	<b>Tornado (F1)</b>

An F1 tornado touched down 4 miles south southwest of DeWitt, near the Indiana community, and traveled 16 miles on the ground before lifting in the White River National Wildlife Refuge. The worst damage occurred at the DeWitt airport, where four planes were destroyed and two others were damaged. Three people were injured 3.5 miles south of St. Charles when the house trailer that they

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>were in was thrown against a large tree, nearly splitting the trailer in half. Elsewhere, another house trailer was overturned, two trailers and a house lost their roofs, and several other houses were damaged. Several outbuildings were blown away, a couple of farm shops were destroyed, and a large barn lost part of its roof. Trees and power lines were blown down all along the tornado's path. Total damage was around \$700,000.</p>									
<b>Cleveland County New Edinburg</b>	27	1355CST			0	0	3	0	<b>Thunderstorm Winds</b>
	Thunderstorm winds downed some trees.								
<b>Jefferson County Pine Bluff</b>	27	1400CST			0	0	4	0	<b>Thunderstorm Winds</b>
	Several buildings sustained roof damage from thunderstorm winds.								
<b>Crittenden County Proctor</b>	27	1425CST- 1430CST	3.0	25	0	0	5	0	<b>Tornado (F1)</b>
	An F1 tornado touched down near Proctor and travelled on the ground for 3 miles before lifting. A mobile home was destroyed and its roof was blown onto the highway. Several other homes and buildings in the area sustained mostly minor roof damage. Several large utility poles were snapped in half about 6 to 10 feet above the ground.								
<b>West Memphis</b>	27	1430CST- 1440CST	5.0	50	0	2	6	0	<b>Tornado (F1)</b>
	An F1 tornado touched down in the city of West Memphis. The tornado remained on the ground for 5 miles before lifting. The tornado damaged 27 homes and 9 apartment buildings containing 66 units. Two people residing in the apartment complex received minor injuries. Forty-three businesses were damaged, 17 of these were declared uninhabitable. Large utility poles were snapped and numerous power lines were knocked down. Several cars were also damaged.								
<b>Lincoln County Yorktown</b>	27	1430CST			0	0	3	0	<b>Thunderstorm Winds</b>
	Thunderstorm winds knocked down some large tree limbs and power lines.								
<b>Union County Strong</b>	27	1500CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Drew County Monticello</b>	27	1510CST			0	0	4	0	<b>Thunderstorm Winds</b>
	Thunderstorm winds damaged a home antenna and moved a house trailer off its foundation.								
<b>Selma</b>	27	1530CST			0	0	3	0	<b>Hail (0.75)</b>
	Two car windshields were damaged by hail.								
<b>Ashley County Portland</b>	27	1635CST			0	0	3	0	<b>Thunderstorm Winds</b>
	Thunderstorm winds damaged a storage building.								
<b>CALIFORNIA, Northern</b>									
<b>CAZ005</b>	02	0521			?	?	?	?	<b>Blowing Dust</b>
	Visibility reduced to 1/16 of a mile near Rasin City.								
<b>CALIFORNIA, Northern Cont'd</b>									
<b>CAZ001</b>	04	1923			?	?	?	?	<b>Strong winds</b>
	Crescent City had winds 35 Mph gusting to 46 MPH.								
<b>CAZ007</b>	04	2300			?	?	?	?	<b>Strong Winds</b>
	South Winds 42 MPH gusting to 79 MPH at Weed.								
<b>CAZ002</b>	06	0615			?	?	?	?	<b>Heavy Precipitation</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Flash Flooding</b>									
			10.39 inches of rain in 30 hours at Kentfield in Marin Co. 2 to 3" at many locations. Flooding widespread in southern and central Marin County.						
CAZ007	09	0536			0	0	0	?	<b>High winds</b>
	Winds to 60 MPH near Weed.								
CAZ001	09	1028			0	0	0	?	<b>High Winds</b>
	Winds gusting to 60 MPH 10 S of Humboldt bay.								
CAZ002	09	1113			0	0	0	?	<b>Urban Flooding</b>
	09	2148							
	2 to 3 inches of rain caused Urban and Small stream flooding in San Francisco Bay area.								
CAZ002	09	1712			0	0	0	?	<b>High Winds</b>
	Winds to 60 mph near Point Bonita in Marin Co.								
CAZ006	09	2000			0	0	0	?	<b>High Winds</b>
	Grass Valley Ca. Gusts to 52 MPH. Many downed trees.								
CAZ005	10	2243			0	0	0	0	<b>Blowing Dust</b>
	Visibility near Zero on Interstate 5 near Colinga, number of auto accidents.								
CAZ005	10	1848			0	0	0	0	<b>Funnel cloud</b>
	3 to 5 West of Porterville CA.								
<b>CALIFORNIA, Southern</b>									
CAZ011-013-016> 019	16	0800PST- 1600PST			0	1	?	0	<b>High Wind (G70)</b>
Coastal Valleys, Mojave Desert, and Southern Mountains and Deserts	High winds associated with the tail end of a cold front blew down trees and power lines across portions of Los Angeles, Orange, Riverside, and Kern Counties. In Vernon, parts of a warehouse roof were lifted up and dropped onto nearby parked cars causing minor damage. One person in Palm Springs was injured by flying glass when winds blew out two plate-glass windows in a furniture shop. In Mojave, winds were sustained between 45 and 60 mph at times with gusts to 80 mph. About 10,600 residents went without power for about three hours during the high wind event.								
San Diego County Alpine	18	0900PST			0	0	?	0	<b>Strong Wind</b>
	Strong wind gusts blew a motorhome off State Highway 8.								
Ventura County Oxnard	23	0445PST			0	1	?	0	<b>Strong Wind</b>
	A strong wind gust ripped a large branch from a eucalyptus tree and hurled it onto two passing cars on a stretch of the Pacific Coast Highway north of Pleasant Valley Road. Both cars were demolished by the tree limb, and one driver received multiple cuts and bruises.								
<b>CALIFORNIA, Southern Cont'd</b>									
CAZ016 Vernon	26	Early Morning			0	0	?	0	<b>High Wind</b>
	A potent storm system moving through southern California caused winds to down power lines, shatter windows, and rip material off roofs in Vernon.								
CAZ018 Coachella Valley	26	Morning			0	0	?	0	<b>High Wind (G52)</b>
	High winds generated by a potent storm system moving across southern California damaged 200								

# Storm Data and Unusual Weather Phenomena

November 1994

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

mobile homes and downed trees, street signs, and power poles in Riverside County. Awnings were ripped off homes in the Safari Mobil Home Park in Palm Springs. A roof was also partially torn off one mobile home. The high winds also churned up dust and sand that reduced visibilities to near zero across portions of Interstate 10. Palm Springs Airport recorded wind gusts to 60 mph during the high wind event.

<b>Inner Coastal Waters</b>	<b>26</b>	<b>1200PST</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Seas</b>
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**9 W Point Fermin**

A sailor, who was not wearing a life jacket, drowned in the San Pedro Channel when she was knocked off a 43-foot sailboat by storm generated swells of 9 feet. (F530)

## COLORADO

<b>COZ039-040</b>	<b>03</b>	<b>1700MST-</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>COZ061-005</b>	<b>04</b>	<b>0600MST</b>							

**Front Range,  
Northern Mountains**

A fast moving late fall snow storm dropped localized heavy snow along the northern front range. By 6am on the 4th, Boulder, Broomfield, Lafayette, Westminster collected 8 to 9 inches. Most of the snow fell in a two to three hour period. A few of the mountain locations received around a foot with 13 inches at Shawnee and Summitville. Eight inches accumulated at Wolf Creek and Steamboat.

**COZ036**

**Clear Creek County  
Squaw Mountain**

	<b>05</b>	<b>0245MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds 66</b>
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Winds gusted to 66 knots during the early morning hours at the summit of Squaw Mountain.

<b>COZ005-018-033-034</b>	<b>11</b>	<b>1200MST-</b>			<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>Heavy Snow</b>
<b>San Juan Mountains, Northern Mountains</b>	<b>13</b>	<b>1500MST</b>							

**San Juan Mountains,  
Northern Mountains**

A winter storm which had developed over the four-corners region moved eastward providing the San Juan Mountains with heavy snow. Storm totals reached 25 inches at Coal Creek Pass, 20 inches at Molas Pass, 17 inches at Gothic with 13 inches at Silverton and Wolf Creek Pass. In addition, winds gusted up to 81 knots over the higher elevations of the southern mountains during the storm. Eventually, the storm moved into the northern sections of the Colorado high country giving 7 to 8 inches at Buffalo Pass, Rabbit Ears Pass and Steamboat. On the 12th, up to a foot of new snow on Longs Peak in Larimer caused a natural avalanche and injured a hiker.

<b>COZ039-040-041-043</b>	<b>13</b>	<b>2200MST-</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>Northern Front Range</b>	<b>14</b>	<b>0900MST</b>							

**Northern Front Range**

A moisture rich storm system which dumped heavy snow in the Southern Mountains combined with an advancing cold front in northeast Colorado late on the 13th. Heavy snow developed rapidly along the front range urban corridor and continued throughout the night with the heaviest snow confined to the Denver Metropolitan area. 16 to 18 inches of snow fell in Boulder, Lafayette and Louisville. 11 to 14 inches were reported from Longmont southward into Aurora.

<b>COZ-005-009-010-012-033-034</b>	<b>16</b>	<b>2100MST-</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>Northern and Central Mountains</b>	<b>17</b>	<b>1500MST</b>							

**Northern and Central Mountains**

A second in a series of moist storm systems provided the Colorado high country with areas of heavy snow. 12 inches fell over the Grand Mesa in western Colorado. In the northern mountains, Buffalo Pass, north of Steamboat, collected 12 inches as well with 11 inches at Winter Park and 8 inches at Aspen and Gothic.

## COLORADO Cont'd

<b>COZ039-040</b>									
<b>Boulder County</b>									
<b>Boulder</b>	<b>17</b>	<b>1050MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds 57</b>
<b>Jefferson County</b>									
<b>15 NW Denver</b>	<b>17</b>	<b>1050MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds 55</b>

Winds gusted to 57 knots in Boulder with 55 knots recorded at Rocky Flats.



# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<b>COZ070-074</b> Southern Foothills	19 20	1500MST- 1200MST			0	0	0	0	<b>Heavy Snow</b>
									Upslope winds in Southeast Colorado gave portions of Huerfano and Pueblo Counties 7 to 14 inches of new snow. 14 inches fell in Rye with 13 inches during the night in Walsenburg.
<b>East Central Colorado</b>	20	0700MST- 1500MST			0	0	?	?	<b>Heavy Snow</b>
									Heavy snow fell over isolated areas of East Central Colorado. Seven inches was reported at Yuma and 14 miles north of Arapahoe. Six inches was observed at Arapahoe.
<b>COZ035</b> Larimer County Estes Park	20	1755MST			0	0	0	0	<b>High Winds 63</b>
<b>COZ036</b> Clear Creek County Idaho Springs	20	1815MST			0	0	0	0	<b>High Winds 67</b>
<b>COZ003-005-010-018-033</b> Northern, Central and Southwest Mountains	25 26	1800MST- 1500MST			0	0	0	0	<b>Heavy Snow</b>
									More snow was added to most of the Colorado Mountains as 10 new inches of snow fell at Douglas Pass. Buffalo Pass, Rabbit Ears Pass and Steamboat Springs collected 9 inches with 6 to 8 inches at Aspen and Silverton. A wind gust to 68 knots was recorded at Red Mountain Pass during the height of the storm.
<b>COZ036</b> Clear Creek County Squaw Mountain	27	0520MST			0	0	0	0	<b>High Winds 76</b>
<b>COZ036</b> Gilpin County Fritz Peak	27	1250MST			0	0	0	0	<b>High Winds 73</b>
<b>COZ039</b> Boulder County Boulder	28	0630MST			0	0	0	0	<b>High Winds 63</b>
<b>COZ035-036-040</b> Northern Mountains and Foothills	29	1500MST- 1800MST			0	0	0	0	<b>High Winds 80</b>
									High winds affected most of the northern foothill areas. A gust to 80 knots was recorded at Squaw Mountain. Elsewhere, winds gusted to 71 knots at Fritz Peak in Gilpin County, 65 knots at Jefferson County airport and 56 knots at Estes Park in Larimer County.
<b>CONNECTICUT</b>									
Fairfield County	02	Morning			0	0	?	0	<b>High Wind</b>
New Haven County	02	Morning			0	0	?	0	<b>High Wind</b>
Southbury									Strong northwesterly winds in the wake of a cold front that moved through the area earlier, brought down numerous large branches and many power lines. At some locations the winds were strong enough to bring down entire trees.
<b>CONNECTICUT Cont'd</b>									
CTZALL	02	0030EST- 1200EST			0	0	?	0	<b>High Winds</b>
									Strong northwest winds in the wake of a cold front gusted to more than 50 mph at times. Numerous branches and a few trees were knocked down, resulting in reports of scattered power outages.
CTZALL	06 07	2100EST- 1200EST			0	0	?	0	<b>High Winds</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>A strong low pressure system centered over northern Maine generated a strong northwest wind flow across the state. Numerous branches, along with a few power lines and trees were knocked down.</p>									
<b>Fairfield County S Portion</b>	<b>07</b>	<b>Morning</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
<p>A strong low pressure system centered over northern Maine generated a strong northwesterly wind flow across the area. Numerous branches and some power lines were blown down. At some locations the winds were strong enough to down a couple of trees.</p>									
<b>CTZ002-006</b>	<b>21</b>	<b>2030EST- 2200EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
<p>Thunderstorm activity brought nearly 1.75 inches of rain in just 90 minutes in Cheshire and 1.00 inch of rain in about 30 minutes at Lake Wintergreen near Hartford. Localized street flooding was reported.</p>									
<b>DELAWARE</b>									
<b>New Castle Co Wilmington</b>	<b>01</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
<p>Trees were blown down onto Garfield Road, causing a few minor automobile accidents.</p>									
<b>Sussex Co IS Millsboro</b>	<b>01</b>	<b>1703EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tstm Wind</b>
<p>A 6-bay garage sustained damage near Millsboro, and a 60-year old tree was uprooted nearby.</p>									
<b>FLORIDA</b>									
<b>Monroe County 5 SE EYW</b>	<b>01</b>	<b>1130EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
<p>A waterspout was sighted 5 miles southeast of Key West International Airport.</p>									
<b>Palm Beach County Riviera Beach 5 NE PBI</b>	<b>05</b>	<b>Unknown</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Rip Current</b>
<p>Four children on a church field trip were caught in a strong rip current at Ocean Reef Park. Three were rescued uninjured while the fourth, a 6-year-old male, was rescued but had stopped breathing. He was revived and transported to a hospital in critical condition. He recovered enough to be released the next day.</p>									
<b>Broward County Coral Springs 12 NNW FLL</b>	<b>08</b>	<b>1420EST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Tstm Wind</b>
<p>A construction worker was injured when a thunderstorm wind gust blew over a concrete wall at a site in Coral Springs.</p>									
<b>Dade County Miami Beach 20 NE MIA</b>	<b>09</b>	<b>1005EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
<p>Tower personnel at Opa-Locka Airport sighted a waterspout in the Atlantic about 8 miles offshore Miami Beach.</p>									
<b>FLORIDA Cont'd</b>									
<b>Martin County Indiantown 25 NW PBI</b>	<b>09</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
<p>A funnel cloud was photographed over Indiantown.</p>									
<b>Putnam County Interlachen 19 E GNV</b>	<b>10</b>	<b>1634EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>

# Storm Data and Unusual Weather Phenomena

November 1994

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

Dime-size hail was reported at Interlachen.

**Monroe County**  
1 N Key Largo  
32 S MIA

	11	0625EST			0	0	0	0	<b>Waterspout</b>
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The Highway Patrol reported a waterspout 1 mile north of Key Largo.

**FLZ032-033-037-038-041-044>047-052>054-065>059-061>078, South, East-Central, Northeast FL**

	13	0800EST-							
	16	1600EST			8	43	8	8	<b>Tropical Storm Gordon</b>

Tropical Storm Gordon, after a serpentine track through the Caribbean Sea, began affecting south Florida on the 13th when located off the northeast coast of Cuba. Gordon moved slowly west northwest reaching the lower Florida Keys late on the 15th. On the 16th, Gordon turned northeast and accelerated, moving inland near Ft. Myers in the morning and exiting into the Atlantic just north of Vero Beach in the late afternoon. After becoming a hurricane off the coast of North Carolina, then weakening to a tropical depression and moving south and west, Gordon moved ashore a second time just north of Melbourne on the 21st. Over land, the maximum sustained wind was measured at 53 mph at Virginia Key in east Dade County, and the minimum central pressure was 995 mb shortly after initial landfall near Ft. Myers.

Gordon directly caused 8 fatalities and 43 injuries. Seven of the deaths were drownings, five in the Atlantic off of the southeast coast, and two when cars plunged into canals in Dade County. One death and 40 injuries resulted from a tornado in Brevard County, one of six tornados spun off by Gordon. There were three indirect deaths, one from a heart attack while pushing a car stalled in a flooded road, and two in traffic accidents.

Gordon's total damage is estimated around \$400 million. Agricultural interests suffered \$275 million in losses, primarily from fresh-water flooding caused by widespread rainfalls totaling 6 to 16 inches. Vegetable and tropical fruit crops in south Florida were particularly hard hit. Inland flooding caused damage to buildings through both rising fresh-water and collapse of rain-loaded roofs. Especially hard hit was Volusia County where 1236 buildings (977 single family homes, 68 mobile homes and 139 multi-family buildings) reported flood damage, and losses were estimated at over \$26 million. Public works suffered from the effects of both water and wind with damage to roadways, sewer facilities, utility lines and signs.

Marine effects included several boat sinkings or groundings, including a 506-foot freighter which was beached off of Ft. Lauderdale. At least 37 people were rescued from sinking boats. One woman was rescued after being swept 1,000 yards off of a fishing pier in Boynton Beach. Atlantic beaches suffered moderate to locally severe erosion which undermined a few buildings. A number of sea walls and beach access walks were destroyed. Some coastal roads along the east coast were inundated by a storm surge, estimated to be a maximum of 1 to 2 feet along Miami Beach.

Ecological damage included destruction of coral and artificial reefs along the southeast coast and the deaths of a number of deer in the Everglades due to freshwater flooding. (M35O, M16O, F55O, M55A, M35A, M59O, M33O, M332)

**Broward County**  
Miramar  
5 NW MIA

	14	2220EST			0	0	0	0	<b>Tstm Wind</b>
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A SKYWARN spotter estimated winds of 60 mph in Miramar.

**Hernando County**  
Lake Lindsey  
47 NNE TPA

	15	1220EST			0	0	3	0	<b>Tstm Wind</b>
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## FLORIDA Cont'd

Thunderstorm winds knocked down power lines and trees. A tree fell and damaged a car on US 41 just south of the Citrus County line.

**Dade County**  
Miami

	15	1500EST			0	1	0	0	<b>Lightning</b>
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A Florida Power and Light worker was injured when lightning struck his truck.

**Brevard County**

# Storm Data and Unusual Weather Phenomena

November 1994

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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**Micco  
14 NNW VRB**

**15 1853EST 2.5 50 1 40 7 0 Waterspout  
Tornado (F2)**

A waterspout-F2 tornado, on the outer fringes of tropical storm Gordon, struck the Barefoot Bay area of southern Brevard County around 6:53 PM. A 74-year-old male was killed by trauma to the head, and about 40 people were injured. Six people were hospitalized, two in serious condition. The waterspout made landfall just south of the entrance to Barefoot Bay on US Highway 1. The tornado moved northwest through the Snug Harbor/Barefoot Bay mobile home community. About 62 mobile homes were destroyed, 46 received major damage and 181 had minor damage.

The tornado exited the community and continued on the ground or in the treetops for about a mile. Total path length was about 2.5 miles with a width between 25 and 50 yards. At the end of the track a funnel cloud was reported by a truck operator on Interstate 95 in southern Brevard County. Property damage is estimated near \$10 million. (M74M)

**Palm Beach County  
Delray Beach  
12 S PBI**

**15 2035EST .8 30 0 0 5 0 Waterspout  
Tornado (F1)**

A waterspout, spawned by tropical storm Gordon, became an F1 tornado as it moved north northwest onshore at Delray Beach. The tornado did damage along a 12-block stretch of highway A1A causing an estimated \$150,000 to roofs and patios, and uprooted many trees. The tornado toppled a sign atop a restaurant which started a fire that destroyed the building causing \$250,000 damage.

**Palm Beach County  
Jupiter  
15 N PBI**

**15 2100EST Short 0 0 0 0 Waterspout  
Tornado (F0)**

A waterspout, spawned by tropical storm Gordon, moved ashore near Jupiter, but caused no known casualties or damage.

**Palm Beach County  
Manalapan  
Lake Worth  
5 SE PBI**

**15 2115EST 2.5 25 0 0 5 0 Waterspout  
Tornado (F1)**

A waterspout, spawned by tropical storm Gordon, moved ashore near Manalapan and became an F1 tornado that tracked 2.5 miles north northwest into Lake Worth. The tornado tore up numerous trees and damaged roofs causing an estimated \$120,000 damage to private property and \$13,200 to public property.

**Palm Beach County  
Gulf Stream  
12 SSE PBI**

**16 0100EST Short 0 0 3 0 Waterspout  
Tornado (F0)**

A waterspout, spawned by tropical storm Gordon, moved ashore near Gulf Stream but quickly dissipated after causing only minor damage.

**Volusia County  
7 ESE Osteen  
13 SSW DAB**

**16 0345EST Short 25 0 0 4 0 Tornado (F0)**

A small F0 tornado, on the outer fringes of tropical storm Gordon touched down on the north side of the St. Johns River in southern Volusia County. A Volusia County resident reported numerous trees down and minor damage to houses in the Iron Bend area. Residents south of the river in Seminole County reported hearing a roaring sound as the funnel cloud passed overhead before touching down briefly in the Iron Bend area.

## FLORIDA Cont'd

**Broward County  
Ft. Lauderdale  
Beach, 3 E FLL**

**18 1400EST 1 0 0 0 Rip Current**

A 35-year-old doctor at Harvard Medical School drowned in a rip current while saving his 8-year-old son. The incident took place at a private motel beach south of Ft. Lauderdale Beach and was caused by large swells from Gordon. (M35O)

## GEORGIA

**Clayton County**

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Riverdale</b>	<b>28</b>	<b>0637EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>?</b>	<b>Lightning</b>
									Lightning struck an electrical circuit at a Georgia Power substation along Georgia Highway 85 in Riverdale, which caused approximately 5700 customers to loose power for less than an hour.
<b>IDAHO</b>									
<b>IDZ001-003-012</b>	<b>01</b>	<b>0800MST- 1530MST</b>			<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
									Winds as high as 66 mph associated with a cold front cause damage from the Treasure Valley up to the Upper Snake Highlands. One man was injured in Idaho Falls when the roof of a warehouse landed on his pickup truck. Winds damaged power poles, roofs, a hanger door and blew a controlled burn out of control.
<b>Bonner County</b>	<b>01</b>	<b>1630MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Lightning</b>
									Lightning strikes a house causing a fire.
<b>IDZ006</b>	<b>01</b>	<b>0000MST- 1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									A foot of snow falls in the West Central mountains near McCall.
<b>IDZ009</b>	<b>04</b>	<b>0500MST- 1700MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Heavy Snow</b>
									Coeur D'Alene and the Panhandle of northern Idaho see 5 inches of snow as the first snowfall reaches the valley floors. Heavy wet snow downed numerous power lines and caused accidents.
<b>IDZ003</b>	<b>11</b>	<b>0500MST- 0900MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
									Dense fog in the Pocatello area drops visibilities along Interstate 86 to below 0.25 mile.
<b>IDZ001</b>	<b>12</b>	<b>0400MST- 0730MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
									Dense fog with visibilities below one-sixteenth of a mile covers the Treasure Valley from Mountain Home to Caldwell.
<b>IDZ012</b>	<b>13</b>	<b>0000MST- 1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Heavy snow falls in Fremont, Madison, and Teton counties as Driggs receives 6 inches and St. Anthony receives 8 inches of new snow.
<b>IDZ001-002-006- 007</b>	<b>16 17</b>	<b>1000MST- 2200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Southwest Idaho sees heavy snow with over a foot of snow falling at Bogus Basin and Cascade. Idaho City, Fairfield, Payette, Idaho City and Stanely see over 6 inches.
<b>IDZ001</b>	<b>18</b>	<b>0700MST- 0900MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
									Wet snow on the ground allows dense fog to form in the Boise area.
<b>IDAHO Cont'd</b>									
<b>IDZ001-006</b>	<b>19 20</b>	<b>2000MST- 1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Snow</b>
									Snow falls over western Idaho with Boise receiving 3 inches, McCall and Idaho City 4 inches.
<b>IDZ001-003-009</b>	<b>21</b>	<b>0000MST- 1000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
									Dense fog forms in the Treasure and Upper Snake River Valleys and in the Panhandle of Idaho reducing visibilities to as low as 40 feet.
<b>IDZ001-006</b>	<b>25</b>	<b>1800MST-</b>							

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
	<b>26</b>	<b>1000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Heavy snow falls again over southwest Idaho with Cascade and McCall receiving a foot, Idaho City 6 inches, and another 3 to 4 inches in the Boise area.
<b>IDZ001</b>	<b>28</b>	<b>0000MST- 0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
<b>IDZ002-005</b>	<b>28</b>	<b>0100MST- 0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Blowing Snow</b>
									Strong winds behind a cold front cause blowing and drifting snow reducing visibilities below 0.25 mile along Interstate 84.
<b>IDZ003-012</b>	<b>29</b>	<b>0900MST- 1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Freezing Rain</b>
									Freezing rain, which is uncommon in Idaho, fell onto snowpacked roads creating treacherous driving conditions in eastern portions of the state.
<b>IDZ009</b>	<b>30</b>	<b>2000MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
									Strong winds associated with a cold front downed over 50 power poles, damaged cars and caused Highway 41 to be closed for several hours. Most of the damaged occurred in Kootenai County.
<b>ILLINOIS</b>									
<b>Jersey Co.</b>									
<b>2.0W Jerseyville</b>	<b>05</b>	<b>1540CST</b>			<b>0</b>	<b>0</b>	<b>0.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>3.5N Jerseyville</b>	<b>05</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>	<b>0.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									The county sheriff reported large trees down or damaged west and north of Jerseyville. Ham radio spotters also reported two utility poles snapped and down along Highway 267 north of Jerseyville.
<b>Madison Co.</b>									
<b>2.0E Alton</b>	<b>05</b>	<b>1555CST</b>			<b>0</b>	<b>0</b>	<b>0.3K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									The county sheriff reported scattered large trees and power lines down between Alton and Holiday Shores, across the northern part of the county.
<b>Jersey Co.</b>									
<b>New Delhi</b>	<b>05</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>	<b>0.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									The county sheriff reported large trees down across the southeast part of the county.
<b>Jersey Co.</b>									
<b>1.5E Grafton</b>	<b>20</b>	<b>1840CST</b>			<b>0</b>	<b>0</b>	<b>0.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>New Delhi</b>	<b>20</b>	<b>1850CST</b>			<b>0</b>	<b>0</b>	<b>2.0K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Several large trees were blown down along the Great River Road east of Grafton. The Illinois State Police later reported large trees down over the southern part of the county with one roof blown off near New Delhi.
<b>Macoupin Co.</b>									
<b>Beaver Dam St.Park</b>	<b>20</b>	<b>1910CST</b>			<b>0</b>	<b>0</b>	<b>0.9K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									County officials reported large trees down and a sign damaged at the Beaver Dam State Park.
<b>ILLINOIS Cont'd</b>									
<b>Madison Co.</b>									
<b>2.0W Fosterburg</b>	<b>20</b>	<b>1915CST</b>			<b>0</b>	<b>0</b>	<b>1.0K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were knocked down over much of northern Madison county, especially between Godfrey and Fosterburg. Damage occurred for about a 10 minute stretch.
<b>Montgomery Co.</b>									
<b>Hillsboro</b>	<b>20</b>	<b>1940CST</b>			<b>0</b>	<b>0</b>	<b>0.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Several large trees were blown down in the Hillsboro area with smaller branches knocked off in Litchfield.
<b>Madison Co.</b>									

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Alton, and Wood River</b>	<b>21</b>	<b>0012CST</b>			<b>0</b>	<b>0</b>	<b>0.5K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									The county sheriff reported numerous large trees knocked down and scattered power outages.
<b>CHRISTIAN Taylorville</b>	<b>21</b>	<b>0120CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>CHAMPAIGN Ivesdale</b>	<b>21</b>	<b>0230CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>PIATT Cerro Gordo</b>	<b>21</b>	<b>0200CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>MCLEAN Bloomington</b>	<b>21</b>	<b>0200CST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
<b>ILZ014-014-022</b>	<b>21</b>	<b>0300CST- 0500CST</b>			?	?	?	?	<b>High Wind</b>
									A strong low pressure system brought widespread strong winds to northeast Illinois overnight. The strongest winds occurred from 300 to 400 am with an area of showers and a few embedded thunderstorms. In Iroquois County a 67 mph wind gust was recorded at the emergency management office in Watseka. There were downed tree limbs and power lines throughout the county. At Stockland the roof of a mobile home converted into a cafe was peeled off. There were also windows blown in and out buildings damaged in and near Stockland. At Beaverville a tree was knocked down and a barn damaged. At Wilmington in Will county a shed was damaged and tree limbs were downed. The cooperative observer at Chatsworth in eastern Livingston County reported a 70 mph wind gust. There were tree limbs down and power outages in suburban Cook County.
<b>Montgomery Co. Witt</b>	<b>27</b>	<b>1304CST</b>			<b>0</b>	<b>1</b>	<b>3.3K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A mobile home was blown over injuring a man inside. Several grain bins and small sheds were damaged with numerous power lines down. Reported by SKYWARN spotters and a local newspaper.
<b>INDIANA</b>									
<b>INZ002&gt;089</b>	<b>21</b>	<b>0000EST- 2000EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>	<b>0</b>	<b>High Wind</b>
									An intense low pressure system over the Great Lakes and its associated cold front produced high winds across all of Indiana. Winds in excess of 50 mph were common across the state beginning near midnight in western Indiana. High winds spread to eastern Indiana by noon EST. Scattered power outages and downed trees were reported across many parts of Indiana including the South Bend, Lafayette, Indianapolis areas as well as rural areas northeast of Evansville.
<b>INZ002&gt;089</b>	<b>27</b>	<b>1200EST- 2300EST</b>			<b>0</b>	<b>0</b>	<b>120K</b>	<b>0</b>	<b>High Wind</b>
									An intense low pressure area and its associated cold front swept across the region with high winds both before and after the cold front. The cold front itself triggered a squall line that produced damage. The high winds resulted in a roof collapse at the ATF automotive business in Indianapolis around 2 PM EST. Also, a church steeple was damaged late Sunday evening on Indianapolis' eastside.
<b>INDIANA Cont'd</b>									
<b>Harrison County</b>	<b>27</b>	<b>1630EST- 1910EST</b>			?	?	?	?	<b>Thunderstorm Wind</b>
									The sheriff for Harrison County reported numerous trees down in the vicinity of highway 337S and Buck Creek Bridge. Numerous trees were also reported near Laconia by the county sheriff.
<b>Vigo Co. Fontanet</b>	<b>27</b>	<b>1830EST</b>			<b>0</b>	<b>0</b>	<b>150K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Thunderstorm winds uprooted numerous trees and seriously damaged several homes.
<b>Putnam Co. 4 E Cloverdale</b>	<b>27</b>	<b>1920EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Thunderstorm winds blew down large tree limbs.

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Vigo Co. Barnett</b>	27	1955EST			0	0	50K	0	<b>Thunderstorm Wind</b>
Several homes damaged by thunderstorm winds.									
<b>Clay Co.</b>	27	2000EST			0	0	0	0	<b>Thunderstorm Wind</b>
Several trees blown down in Brazil.									
<b>Boone Co</b>	27	2020EST			0	0	0	0	<b>Thunderstorm Wind</b>
Winds to 60 MPH reported by amateur radio near Interstate 65 and State Road 334.									
<b>Hendricks Co Lizton</b>	27	2020EST			0	0	0	0	<b>Thunderstorm Winds</b>
Winds to 60 mph reported by amateur radio operator.									
<b>Hamilton Co</b>	27	2045EST			0	0	0	0	<b>Thunderstorm Wind</b>
Large pine tree and limbs downed near 141 Street and Ditch Road.									
<b>Marion Co.</b>	27	2100EST			0	0	0	0	<b>Thunderstorm Wind</b>
Large tree and limbs down across 8000N Lafayette Road.									
<b>Monroe Co.</b>	27	2220EST			0	0	9K	0	<b>Thunderstorm Wind</b>
Thunderstorm winds estimated at 60-65 mph caused minor damage to a home just north of Bloomington.									

## IOWA

IAZ001>006-012>  
016-020>025-031>  
036-043>046-055>  
058-069-070  
NW Iowa

17	0500CST- 1700CST			0	0	150k	0	<b>High Winds</b>
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Intense low pressure developed over the plains during the night of the 16th into the 17th. As the low moved into South Dakota, strong winds developed ahead of its attendant cold front. Winds were sustained in the 25 to 35 mph range over most of the state. The northwest third of the state had stronger winds with frequent gusts in the 50 to 55 mph range. Two tractor-semitrailer trucks were overturned on Interstate 80 at the Menlo exit in Guthrie County. Spotty damage to property was reported over the northwest third of the state, though no major damage occurred.

**Crawford County  
Denison  
Shelby County  
Earling  
Winneshiek County  
Frankville**

17	1848CST			0	0	10k	0	<b>Thunderstorm Winds (G57)</b>
17	1900CST			0	0	75k	0	<b>Thunderstorm Winds (G70)</b>
17	1930CST			0	0	125k	0	<b>Lightning</b>

During the late afternoon the cold front from the aforementioned low pressure system advanced into Iowa. A very narrow band of convection developed along the front. The thunderstorms were not anything spectacular with maximum echo tops around 25,000 feet. The environmental winds were

## IOWA Cont'd

already quite strong with VAD wind profiles indicating winds of 50 knots within 1,000 to 2,000 feet of the surface. As the storms moved through they produced strong wind gusts and pea-size hail. Winds of around 65 mph blew through the Denison Area of Crawford County. Some minor damage was reported in the city. A short time later, thunderstorms produced winds of around 80 mph in the Shelby County town of Earling. The winds ripped the roof off of one house and caused other relatively minor damage around town. As the storms progressed east they weakened somewhat with no other wind damage reported with them. As the line moved through Winneshiek County, lightning struck a tree next to a building in Frankville. The tree was fully illuminated by the strike, a large crater resulted in the ground, and the force of the lightning caused an explosion in a power transformer in the building that could be heard for 5 miles. In addition, the building was also set on fire. A surge of electricity resulted, causing scattered damage throughout the town. Radio equipment was blown out at the nearby fire station.



# Storm Data and Unusual Weather Phenomena

November 1994

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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**IAZ001>068-070>  
078-083>089  
Much of Iowa**

**18 0230CST-  
1230CST**                      **0   0   200k 0   High Winds**

After a lull of several hours in the wake of the cold frontal passage, strong subsidence moved into Iowa. During the early morning hours winds began to increase rapidly in the northwest part of the state as higher momentum air was transported to the surface. These winds spread quickly over much of the state with only the far southern counties escaping the 40+ mph winds. Winds increased to 25 to 35 mph sustained over much of the state before sunrise. Winds gusted to 58 mph at Estherville and 57 mph at Spirit Lake during the morning. Later in the morning, a wind gust of 61 mph was reported at Independence. The winds there knocked down a street light onto a van. Damage to the van and the computer equipment inside was placed at \$12,000. Most of the north half of the state had wind gusts in the 45 to 55 mph range through the morning. Damage was spotty and quite minor, just that the event was quiet widespread.

**IAZ001>005-012>  
015-020>023-031-  
032-043  
Northwest Iowa**

**27 0600CST-  
1900CST**                      **0   0   40k 0 Heavy Snow**

Low pressure moved from eastern Colorado across Kansas, then turned northeast across Iowa. The low deepened rapidly as it moved across the state. Precipitation began in earnest during the early morning hours of the 27th. The system carried with it very strong upper level dynamics, including the coupling of the upper level jet streaks. The system became convective with a large area of thunderstorms forming over Iowa. Over the northwest counties it was cold enough for the precipitation to take the form of snow. The snow became very heavy during the morning and early afternoon hours with snowfall rates in the 1 to 2 inch per hour range common. Snowfall totals in the area were in the 6 to 10 inch range. About 8.3 inches fell in Sioux City, over 10 in nearby Sioux Falls, South Dakota. Reports from the Emmet County area indicated a band of 8 to 10 inch snowfall across that county. The heaviest snow totals came from the far northwest corner of the state. Rock Valley in Sioux County received 12.5 inches, while Rock Rapids in Lyon County received 12.0 inches of new snow. Winds became a problem during the late afternoon. Temperatures dipped into the 20s with winds in the 20 to 35 mph range. Occasional gusts of over 40 mph were recorded. This caused considerable blowing and drifting of the snow. Just to the southeast of the heavy snow area, amounts tapered off rapidly. Only trace amounts of snow fell just 20 to 30 miles southeast of the heavy snow band. Some freezing rain and ice pellets were reported across north central Iowa in addition to a minor accumulation of wet snow. This combination caused some tree limbs to fall in the Mason City area, knocking out power to 5000 homes in the area.

## KANSAS

**Crawford County  
3.5 NE Pittsburg**

**04 0545CST**                      **0   0   0   0   Thunderstorm Winds (G55)**

A 55-knot wind was reported 3.5 NE of Pittsburg. A large tree was uprooted and power lines were downed.

**Southeastern KS  
KSZ70>073-094>101**

**19 1800CST**                      **0   0   0   0   Flood**

## KANSAS Cont'd

A long term rain event began on Saturday 11/19/94 and lasted into Monday 11/21/94. An average of 3 to 5 inches of rain was reported across the Southeast Kansas region causing localized reports of flooding of secondary roads and low water bridges. There was a report of a vehicle that drove off a low water bridge 1.5 miles east of Mound Valley in Cherokee County. There were no injuries. There was also a report of crops underwater near Hallowell also in Cherokee County.

**West Central KS  
Kansas**

**20 0800CST-  
1600CST**                      **0   0   ?   ?   Heavy Snow**

Heavy snow blanketed portions of West Central Kansas on this Sunday. The snow was accompanied by thunder at times between 0800-1200 MST. Snowfall amounts included 6 inches at Sharon Springs and Wallace and 7 inches just south of Goodland.

**Johnson County  
Lenexa**

**27 1715CST**                      **0   0   5.0K 0   High Wind**

## Storm Data and Unusual Weather Phenomena

November 1994

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

Strong gradient winds ahead of a strong low pressure system produced wind gusts to 45 mph , knocking out power to nearly 500 homes and several traffic lights.

### KENTUCKY

McCracken County	21	2253EST			?	?	?	?	Thunderstorm Wind (G63)
McCracken County	21	2255EST			?	?	10k	?	Thunderstorm Wind
Graves County	21	2305EST			?	?	?	?	Thunderstorm Wind
Marshall County	21	2315EST			?	?	40k	?	Thunderstorm Wind
Livingston County	21	2320EST			?	?	?	?	Thunderstorm Wind
Lyon County	21	2345EST			?	?	10k	?	Thunderstorm Wind

### LOUISIANA

Caddo Parish									
4NE Blanchard	05	0325CST			0	0	25k	0	Thunderstorm Wind
Shreveport	05	0334CST			0	0	0	0	Thunderstorm Wind (52)
Oil City	05	0340CST			0	0	0	0	Thunderstorm Wind
1S Vivian	05	0405CST			0	0	0	0	Thunderstorm Wind
Bossier Parish									
Benton to	05	0345CST-							
Midway	05	0415CST			0	0	25K	0	Thunderstorm Wind(68)
Haughton	05	0410CST			0	0	0	0	Thunderstorm Wind(53)
Webster Parish									
Sibley to									
3N Dubberly	05	0330CST			0	0	15K	0	Thunderstorm Wind
Cotton Valley	05	0420CST			0	0	10K	0	Thunderstorm Wind
Desoto Parish									
Mansfield	05	0400CST			0	0	0	0	Thunderstorm Wind
Stonewall	05	0425CST			0	0	0	0	Thundertsorm Wind
Claiborne Parish									
4SE Haynesville	05	0410CST			0	0	2K	0	Thunderstorm Wind
3W Homer	04	0425CST			0	0	2K	0	Thunderstorm Wind
Red River Parish									
3W Hall Summit	05	0430CST			0	0	1K	0	Thunderstorm Wind
4NE Coushatta	05	0435CST			0	0	0	0	Thunderstorm Wind(60)
Sabine Parish									
2E Converse	05	0440CST			0	0	0	0	Thunderstorm Wind
6NE Florien	05	0450CST			0	0	1K	0	Thunderstorm Wind
Florien	05	0535CST			0	0	.5K	0	Thunderstorm Wind
Bienville Parish									
Jamestown	05	0430CST			0	0	.5K	0	Thunderstorm Wind
Ringgold	05	0440CST			0	0	1K	0	Thunderstorm Wind
Bienville	05	0450CST			0	0	.5K	0	Thunderstorm Wind
Liberty Hill	05	0528CST			0	0	.5k	0	Thunderstorm Wind
Union Parish									
Bernice	05	0440CST			0	0	0	0	Thunderstorm Wind

### LOUISIANA Cont'd

5W Farmerville	05	0452CST			0	0	0	0	Thunderstorm Wind(63)
2W Conway	05	0455CST			0	0	0	0	Thunderstorm Wind
Marion	05	0600CST			0	0	0	0	Thunderstorm Wind
Lincoln Parish									
Unionville	05	0515CST			0	0	0	0	Thunderstorm Wind
Jackson Parish									
2N Hodge	05	0515CST			0	0	3K	0	Thunderstorm Wind
Wyatt	05	0550CST			0	0	0	0	Thunderstorm Wind
Weston	05	0620CST			0	0	5K	0	Thunderstorm Wind
Quitman	05	0620CST			0	0	10K	0	Thunderstorm Wind
Natchitoches Parish									
Clarence	05	0520CST			0	0	.5K	0	Thunderstorms Wind
Powhatan	05	0522CST			0	0	0	0	Thunderstorm Wind
4W Cypress	05	0600CST			0	0	0	0	Thunderstorm Wind
Vernon Parish									

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Evans	05	0600CST			0	0	0	0	Thunderstorm Wind
Winn Parish									
4S Atlanta	05	0620CST			0	0	0	0	Thunderstorm Wind
3E Wheeling	05	0620CST			0	0	0	0	Thunderstorm Wind
Joyce	05	0620CST			0	0	0	0	Thunderstorm Wind
Caldwell Parish									
10NW Columbia	05	0640CST			0	0	0	0	Thunderstorm Wind
Riverton	05	0658CST			0	0	0	0	Thunderstorm Wind
Ouachita Parish									
Monroe	05	0652CST			0	0	1K	0	Thunderstorm Wind
Luna	05	0700CST			0	0	2K	0	Thunderstorm Wind
Vernon Parish									
Anacoco	05	0658CST			0	0	0	0	Thunderstorm Wind
Richland Parish									
Delhi	05	0705CST			0	0	0	0	Thunderstorm Wind(60)
West Carroll Parish									
Chickasaw	05	0715CST			0	0	1K	0	Thunderstorm Wind
Kilbourne	05	0740CST			0	0	0	0	Thunderstorm Wind
Oak Grove	05	0750CST			0	0	0	0	Thunderstorm Wind (G54)
Grant Parish									
Colfax	05	0720CST			0	0	0	0	Thunderstorm Wind
Morehouse Parish									
1W Mer Rouge	05	0730CST			0	0	0	0	Thunderstorm Wind
Collinston	05	0730CST			0	0	.2K	0	Thunderstorm Wind
Beauregard Parish									
De Ridder	05	0825CST			0	0	0	0	Thunderstorm Wind
Singer	05	0825CST			0	0	0	0	Thunderstorm Wind
Franklin Parish									
Wisner	05	0840CST			0	0	0	0	Thunderstorm Wind
Calcasieu Parish									
Edgerly	05	0850CST			0	0	0	0	Thunderstorm Wind
Catahoula Parish									
Rosefield	05	0902CST			0	0	0	0	Thunderstorm Wind
Avoyelles Parish									
Marksville	05	1045CST			0	0	0	0	Thunderstorm Wind
Cottonport	05	1100CST			0	0	0	0	Thunderstorm Wind
Mansura	05	1115CST			0	0	0	0	Thunderstorm Wind

Numerous severe thunderstorms swept across north, central and west Louisiana during the morning bringing widespread reports of wind gusts of 55 to 65 mph which downed trees and subsequently knocked down power lines in many areas. A wind gusts of 78 mph was recorded by an amateur radio operator and storm spotter in Bossier Parish. A utility company in northwest Louisiana reported 6,300 homes without power for nearly 12 hours due to downed power lines. In rural areas across north Louisiana, roadways were blocked by fallen trees. Significant wind damage also was noted to mobile homes and buildings. Mobile homes were damaged by winds or fallen trees near,

## LOUISIANA Cont'd

Blanchard, Benton, Sibly, Cotton Valley, Hodge, and Quitman. In Benton, a convenience store, and a car wash were also heavily damaged by thunderstorm winds. Thunderstorm wind gusts even tipped over an empty railroad boxcar near Mansfield. In and near the towns of Hall Summit, Quitman, and Weston, significant damage to homes was reported from thunderstorm wind gusts and fallen trees. Barns or farm buildings were damaged or destroyed near Haynesville, Jamestown, Liberty, Luna, Chickasaw.

Washington Parish State Line	05	1400CST			0	1	15K	0	Thunderstorm Wind
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Thunderstorm wind gusts overturned a mobile home in extreme north Washington Parish. A child was treated for minor injuries. Several trees were also downed in the area.

Caddo Parish, 5N Dixie	27	1205CST			0	0	.5K	0	Thunderstorm Wind
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# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Bossier Parish</b>									
5W Plain Dealing	27	1220CST			0	0	.5K	0	Thunderstorm Wind
<b>Webster Parish</b>									
3E Spring Hill	27	1300CST			0	0	.5K	0	Thunderstorm Wind
3NW Sibley	27	1515CST			0	0	.5K	0	Hail(1.00) Thunderstorm Wind
<b>Bienville Parish</b>									
4NW Gibsland	27	1525CST			0	0	0	0	Thunderstorm Wind
<b>Claiborne Parish</b>									
2SW Hurricane	27	1535CST			0	0	0	0	Thunderstorm Wind
<b>Lincoln Parish</b>									
3W Mt. Zion	27	1542CST			0	0	0	0	Thunderstorm Wind
<b>Vernon Parish</b>									
Burr Ferry	27	1645CST	0.5	50**	0	0	15K	0	Tornado (F1)
Anacoco	27	1620CST			0	0	0	0	Thunderstorm Wind

Thunderstorms, a few reaching severe levels, moved across north and west Louisiana during the morning. Wind gusts estimated between 55 and 65 mph were reported in several locations with property damage generally confined to downed trees. The most significant damage occurred in Vernon Parish when a tornado touched down destroying a mobile home. Fortunately, the mobile home was unoccupied and no injuries occurred.

## MAINE

**MEZ010-015** 07 0400EST-1600EST 0 4 ? 0 High Winds (G52)

Steep pressure gradient between high pressure over the Ohio Valley and a deepening low centered over the Gulf of St. Lawrence resulted in strong winds across the state of Maine. The highest measured wind gust was 60 mph at Greenville in southern Piscataquis County. Gusts near 50 mph were not uncommon elsewhere in the state. The winds knocked down trees and caused numerous power outages, resulting in lost power to at least 30,000 consumers. Four people were injured as a direct consequence of the winds. A construction worker was critically injured when high winds toppled a cinder block wall on him in Orono (southern Penobscot County). A man in Sebec (southern Piscataquis County) was critically injured when a tree fell on him while he was helping a stranded motorist. In two separate incidents in southern Penobscot County and southern Somerset County, two men received minor injuries when their vehicles collided with falling trees.

**MEZ001>010** 28 0100EST-2300EST 0 0 ? 0 Heavy Snow

An approaching warm front associated with a low pressure center over the Great Lakes resulted in Maine's first winter storm, depositing 6 to 7 inches of snow over the western mountains and northern sections of the state. Accumulations were limited elsewhere in Maine, as the snow changed over to freezing and liquid rain.

## MARYLAND

**Montgomery Co Kensington** 01 1331 0 0 3 0 Hail(1.50)

Marble to ping-pong ball sized hail was reported in the Kensington area, with several reports from the Capital Beltway between Connecticut Avenue and the Mormon Temple.

**Montgomery Co North portion** 01 1340EST-1350EST 0 0 4 0 Tstm Wind(60)

Straight-line winds tore a portion of sheet-metal roof off a Ryder rental center and deposited it onto an emissions inspection center next door. As the storm tracked north-northeast, more roof damage occurred at Damascus High School, about 10 miles away.

**Carroll Co** 01 1350EST 0 0 3 0 Tstm Wind(52)

A wind gust of 60 mph was reported in Mount Airy.

**Carroll Co** 01 1405EST 0 0 5 4 Tstm Wind(60)

# Storm Data and Unusual Weather Phenomena

November 1994

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

A microburst felled hundreds of trees, causing substantial damage. A large tree crushed a home in the Tannery Road area. A swath of trees was blown down in a band 50 to 75 feet wide. Other trees were blown down by the microburst at the Maryland Midland Railway, which runs alongside Tannery Road. Powerlines were also knocked down; service was cut to 6,240 customers shortly after the storm moved through.

<b>Howard Co Columbia</b>	01	1405EST			0	0	2	0	<b>Hail(0.75)</b>
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Dime sized hail fell in Columbia.

<b>Baltimore Co Catonsville</b>	01	1408EST			0	0	2	0	<b>Hail(0.88)</b>
					0	0	3	0	<b>Tstm Wind(52)</b>

Nickel-sized hail, combined with wind gusts up to 60 mph, occurred at Catonsville in southwestern Baltimore Co.

<b>Anne Arundel Co Riviera Beach</b>	01	1415EST			0	0	5	0	<b>Tstm Wind(60)</b>
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A microburst surged through Riviera Beach, causing extensive damage to a 30-block area in the town. A total of 12 homes were damaged, two extensively. One home was nearly destroyed when a 5 foot diameter oak tree fell. Another home suffered damage to its exterior electrical system. A 4-foot diameter tree crushed a shed, and another shed was thrown a short distance before disintegrating.

Numerous small trees, and hundreds of branches, were blown down by the storm. Widespread power outages were noted across northern Anne Arundel Co, with 5,000 customers without power shortly after the storm. Other less significant damage occurred to sidings and shingles. A chimney was damaged, and a few windows were blown out.

<b>Baltimore Co Reisterstown</b>	01	1417EST			0	0	3	0	<b>Tstm Wind(64)</b>
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A wind gust to 74 mph was recorded at Glyndon Elementary School in Western Baltimore Co.

<b>Baltimore City West Central</b>	01	1415EST- 1417EST	1.5	75	0	0	6	0	<b>Tornado(F1)</b>
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<b>Baltimore City East Central</b>	01	1420EST- 1421EST	.75	70	0	0	6	0	<b>Tornado(F1)</b>
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Two devastating tornadoes ripped through working-class neighborhoods in central Baltimore City, causing upwards of \$3 million in damage to 150 buildings. Up to 200 families were displaced by the storms. Although the damaged neighborhoods were not declared federal disaster areas, FEMA officials were helping the city's Department of Housing and Community Development prepare applications for federal aid from HUD.

## MARYLAND Cont'd

The West-Central tornado began near the intersection of Edmonston Ave. and Monroe St, and moved northeast, just past the Harlem Park Elementary School. The storm continued down Mosher Street before lifting at Mason Avenue a few blocks west of Interstate 83. Many roofs were blown off row houses in the Harlem Park area. Windows were blown out, and some building sides were blown down.

The East-Central tornado began near the intersection of Federal Street and Greenmount along the west side of Greenmount Cemetery. The tornado travelled east-northeast across Aisquith Street and the 1200 block of North Avenue, where the heaviest damage of all the storms was realized. The tornado continued to Harford Road before lifting just west of Clifton Park. Similar damage, to the upper floors and roofs of row houses, occurred with this tornado.

Amazingly, no one was injured or killed, perhaps since the most affected were either at work or school. A few eyewitness claim they saw a funnel cloud prior to damage occurrence.

<b>Baltimore City N portion</b>	01	1421EST			0	0	2	0	<b>Tstm Wind(68)</b>
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# Storm Data and Unusual Weather Phenomena

November 1994

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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A wind gust of 79 mph was recorded at Northern High School in Baltimore City.

<b>Calvert Co 5NW Prince Frederick</b>	01	1422EST			0	0	5	0	Tstm Wind
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A microburst caused more than \$100,000 in damage to a private airfield in northwest Calvert Co. One hangar was destroyed, and the roof of another hangar was thrown 1,000 feet, destroying a n antique single-engine piper cub. Planes being rebuilt in the destroyed hangar sustained minor damage. Trees and power lines were also knocked down by the displaced roof, causing over 4,000 Southern Maryland Electric Co-operative customers to be without power.

<b>Baltimore Co Gunpowder Falls</b>	01	1436EST			0	0	3	0	Tstm Wind
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Straight-line winds knocked down several trees in Gunpowder State Park, approximately 2 miles southeast of Glen Arm.

<b>Harford Co 7NW Perryman</b>	01	1440EST	0.5	50	0	0	4	3	Tornado(F0)
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<b>Harford Co 4NW Perryman</b>	01	1443EST	0.3	20	0	0	0	3	Tornado(F0)
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<b>Harford Co Perryman</b>	01	1448EST	0.5	25	0	0	6	0	Tornado(F1)
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The squall line which produced earlier tornado and microburst events in central Maryland continued to wreak havoc in eastern Harford Co. Two F0 tornadoes produced minor roof, siding, and gutter damage, as well as softwood tree damage, in a relatively narrow path.

More substantial damage occurred at the Perryman Unit 1 Baltimore Gas and Electric Facility, where a 70 ton air duct, 12 feet high and 50 feet wide, was blown off an elevated steel girder platform (20 feet high) into the side of an electrical control building, destroying most of the building. Eyewitness in the vicinity also watched an 8- by 30-foot trailer become airborne before blowing apart. Debris was seen rotating as it descended into a nearby field.

<b>Harford Co 3N Perryman</b>	01	1444EST			0	0	4	0	Tstm Wind
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Straightline winds associated with a thunderstorm gustfront blew a tractor trail truck on its side on Riverside Parkway near the overpass to Interstate 95 at exit 80. Some nearby trees were also toppled.

<b>Cecil Co West portion</b>	01	1515EST			0	0	4	0	Tstm Wind
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## MARYLAND Cont'd

Trees and power lines were felled as the same squall line continued into extreme northeast Maryland. Hardest hit areas were Port Deposit, Rising Sun, and Conowingo. A large oak tree destroyed a southbound automobile in neighboring Lancaster County, Pennsylvania, killing the driver and seriously injuring the passenger. The couple were from Conowingo, Maryland.

## DISTRICT OF COLUMBIA

<b>Washington DC</b>	01	1350EST			0	0	2	0	Hail(0.75)
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Dime-sized hail was reported in downtown Washington.

## MASSACHUSETTS

<b>MAZALL</b>	05	0800EST- 1900EST			0	0	?	0	High Winds
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Strong northwest winds in the wake of a cold front frequently gusted to 50 mph or more across the entire state from the Berkshires to Cape Cod and the Islands. There were many reports of downed tree limbs and a few reports of trees down. There were widely scattered power outages. A large

# Storm Data and Unusual Weather Phenomena

November 1994

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

branch fell on a moving car in Uxbridge, but no injuries were reported. Some peak wind gusts included: Nantucket, 65 mph; Worcester, 53 mph; Boston, 46 mph; Blue Hill, Milton, 54 mph.

## MAZALL

<b>06</b>	<b>2100EST-</b>								
<b>07</b>	<b>1200EST</b>				<b>0</b>	<b>1</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>

A strong low pressure system centered over northern Maine generated a strong northwest wind flow across the state. Numerous branches along with a few power lines and trees were knocked down, resulting in scattered power outages and a few reports of property damage. In Canton, on Route 138, a tree fell onto two cars. The windshield was knocked out of one car and a motorist was treated for glass in her eye. In Dracut, two parked cars were damaged by falling trees. Blue Hill Observatory in Milton recorded a peak wind gust of 62 mph. The National Weather Service in Boston recorded a peak wind gust of 63 mph about at about 9:45 PM on November 6th and an observer in Peabody reported wind gusts to 50 to 55 mph.

## Hampshire County Easthampton MAZ010-011

<b>21</b>	<b>2132EST</b>								
<b>21</b>	<b>2100EST- 2200EST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>

A thunderstorm brought many reports of small hail from Holyoke to Southwick to New Salem and dime-size hail in Easthampton. Also, downpours of rain resulted in urban street flooding. Up to 3 feet of water was reported in a few underpasses near Holyoke.

## MICHIGAN

### MIZ058-065-066 South Central Lower

<b>01</b>	<b>0200EST- 1500EST</b>								
					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Wet Snow</b>

A surprise snowstorm affected south central Lower Michigan during the morning hours on Tuesday, November 1st. Heavy wet snow fell after a strong low pressure system had moved northeast through north central Ohio to western Lake Erie during the mid morning hours of Tuesday. As the cold air entered the system from the northwest early Tuesday morning, rain changed to snow over parts of southwest and south central Lower Michigan during the early morning hours. Less than an inch of snow fell at Grand Rapids and Lansing, but 3 to 5 inches fell in the area between those two cities. The heaviest snow was reported at Portland in southeast Ionia county, where 5 inches accumulated. The heavy wet snow resulted in scattered power outages and numerous minor traffic accidents.

## MIZALL

<b>18</b>	<b>1200EST- 2100EST</b>								
					<b>0</b>	<b>0</b>	<b>1.0M</b>	<b>0</b>	<b>High Winds (G62)</b>

High winds affected much of Michigan. Gusts to 72 mph closed the Mackinac bridge from 2:00 to 3:00 pm. Gusts to 59 mph at the Sault Ste. Marie municipal airport damaged a cinder-block aircraft hanger requiring its demolition. From 1200EST-1430EST numerous reports of damage to roofs, trees and small structures were received from Upper Michigan, along with many reports of power

## MICHIGAN Cont'd

outages. Structural and roof damage was reported at a large casino in Sault Ste Marie. Across northern and western lower Michigan, downed power lines resulted in scattered power outages and numerous small forest and grass fires. Gusts of 40 to 50 mph were widespread throughout the state, and a peak of 63 mph was recorded at Sparta in northern Kent County.

### MIZ004-005-024- 030, North-Central Upper and Northeast Lower Michigan

<b>22</b>	<b>1600EST-</b>								
<b>23</b>	<b>0400EST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Lake Snow</b>

Localized heavy lake effect snows developed along the south shore of Lake Superior and along the east shore of Lake Huron during the late afternoon and evening hours of the 22d. The snow continued through the early morning hours of the 23d. Most of the area from the Keweenaw Peninsula east to Sault Ste Marie had 2 to 5 inches. Accumulations of 6 to 10 inches occurred across a small area in Marquette and Baraga counties in central Upper Michigan, with 10 inches falling in Alberta, about 30 miles west of the city of Marquette. Meanwhile, up to 6 inches fell across a small area just south of Alpena, in northeast Lower Michigan. Most of northeast Lower Michigan had 1 to 3 inches. Strong winds, in the range of 20 to 30 mph with gusts between 30 and 40 mph, produced near white out conditions at times due to blowing and drifting snow.

## MIZ016-083

<b>21</b>	<b>0400EST-</b>								
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# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>Southern Lower Michigan</b>		<b>1600EST</b>			<b>0 1</b>	<b>.1M 0</b>	<b>High Winds (G50)</b>
<p>Strong winds affected most of southern Lower Michigan on the 21st, with gusts of 40 to 50 mph reported in most places. A peak gust of 52 mph occurred in Grand Rapids early in the morning. A gust of 56 mph was recorded at a television station in Kalamazoo at 0647 EST. Around 0800 EST, strong winds tore the roof off a hangar at Ionia County Airport. Debris then was blown onto the state police building next door, breaking windows and damaging three patrol cars. One man was injured when he was struck by trash flung from a wind-topp led garbage truck at a landfill in Monroe County. A brick wall was blown down in Dundee, and a tree blew over and destroyed the roof of a house at Royal Oak. Numerous power outages left thousands without power. At Bay City, the level of the Saginaw River fell 4 feet near the mouth of the bay, as strong southwest winds blew the water out into the bay. Several old shipwrecks were exposed on the river bottom as water levels fell due to the strong winds.</p>							
<b>MIZ006 North Central Upper Michigan</b>	<b>25</b>	<b>1200EST-2400EST</b>			<b>0 0</b>	<b>0 0</b>	<b>Heavy Lake Snow</b>
<p>Heavy lake effect snows fell over western Alger County during the afternoon hours of Friday, November 25th. Snowfalls up to 7 inches were reported near Munising. Over the rest of the Lake Superior shore counties, from Ontonagon, across the Keweenaw Peninsula, through the Marquette area and across the central and eastern parts of Alger County, 2 to 4 inches of snow was reported.</p>							
<b>MIZ001-002-003-005-007-008-009-011-022 Upper Michigan Northern Lower Michigan</b>	<b>27</b> <b>28</b>	<b>1800EST-0300EST</b>			<b>0 0</b>	<b>0 0</b>	<b>Blizzard Freezing Rain</b>
<p>Blizzard conditions occurred over the Keweenaw Peninsula and heavy snow fell over parts of the rest of Upper Michigan and Northern Lower Michigan. A very deep storm system moved northward from south central Iowa on the morning of the 27th to western Lake Superior by the mid morning hours of the 28th. Gale force winds and heavy snow occurred over the Keweenaw Peninsula from 1800 EST on the 27th through 0300 EST on the 28th. Snowfalls of 6 to 12 inches were common in those areas. Across the remainder of Upper Michigan and northern Lower Michigan, snowfalls of 3 to 6 inches were common. The snow changed to freezing rain and sleet over portions of northern Lower Michigan late on the 27th, creating very hazardous driving conditions and numerous traffic accidents. Heavy wet snow, ice and strong winds also combined to create numerous power outages across northern Lower Michigan.</p>							
<b>MIZ015, East Upper Michigan</b>	<b>27</b> <b>28</b>	<b>1745EST-0017EST</b>			<b>0 0</b>	<b>.5M 0</b>	<b>High Winds (G70)</b>
<p>High winds did extensive damage to the St. Ignace waterfront. The city marina, boardwalk and casino suffered the most damage. The east wind gusted to 82 mph on the Straits of Mackinac Bridge, forcing the closure of the bridge for 6 hours and 32 minutes, and backing-up traffic for at</p>							
<b>MICHIGAN Cont'd</b>							
<p>least 3.5 miles. The wind was the strongest recorded on the bridge since records began during the 1980s. Lightning cut power to the bridge at about 2000EST. A barge carrying liquid asphalt grounded on the north side of Bois Blanc Island, just east of the Straits of Mackinac and was not freed for several days.</p>							
<b>MIZ051-056-057-058-064-065-071-072, Southwest Lower Michigan</b>	<b>28</b>	<b>0500EST-1700EST</b>			<b>0 0</b>	<b>0 0</b>	<b>High Winds (G62)</b>
<p>A strong low pressure system moving northeast through Wisconsin produced strong winds across lower Michigan. Winds of 30 to 40 mph were common at inland locations of southwest lower Michigan. A peak gust of 51 mph was recorded at Grand Rapids during the evening. Many limbs and wires were blown down. Along the Lake Michigan shore, winds averaged 40 to 50 mph, producing 10-12 foot waves. A weather spotter measured a gust of 72 mph on the beach near Port Sheldon in Ottawa County. In spite of the fierce winds and waves, no significant damage or flooding was reported.</p>							
<b>MINNESOTA</b>							
<b>MNZ075&gt;079-083&gt;088-092&gt;096 South Central</b>	<b>18</b>	<b>0700CST-0800CST</b>				<b>0 0</b>	<b>0High Wind (G52)</b>



# Storm Data and Unusual Weather Phenomena

November 1994

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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**through Southeast MN**

50 to 60 knot wind gusts resulted in isolated damage to structures across south central and southeastern Minnesota. Three boats were damaged at Lake City Marina. The National Weather Service office in Rochester recorded a maximum wind gust of 52 knots.

<b>MNZ020-021-029&gt;098</b>	<b>27-</b>	<b>0500CST-</b>			<b>0</b>		<b>0</b>		<b>Heavy Snow/Ice</b>
<b>Southern through Northeast MN</b>	<b>28</b>	<b>0600CST</b>							

Low pressure developed over eastern Colorado late Saturday the 26th and strengthened over Kansas early on the 27th. By late in the day on the 27th, the low pressure system had developed into the first Winter storm for Minnesota. By the early morning hours of the 28th, a swath of snow in excess of 6 inches had blanketed much of southwest through central into northeast Minnesota.

Snowfalls of 6 inches or more occurred south of a line from Gunflint Lake in Cook county to near Ortonville in Big Stone county and along and north of a line from near Blue Earth in Faribault county to Red Wing in Goodhue county.

The snow closed the Minneapolis-St. Paul International Airport for a short time on the 27th, and contributed to hundreds of accidents and at least three fatalities. The greatest snowfall was 14.1 inches in Duluth. In addition, very strong east winds gusted over 50 mph in Duluth causing blizzard conditions. The high winds brought waves in excess of 16 feet crashing against the Lake Superior shoreline in Duluth, covering the Duluth Canal Park Lake Walk with extensive debris. In Grand Marais, 15 foot waves pummelled the East Bay Shoreline, resulting in considerable damage to structures and flooding numerous downtown basements.

A buildup of ice and snow in combination with strong winds resulted in numerous downed power lines in southeast Minnesota.

**MISSISSIPPI**

<b>Washington County Greenville</b>	<b>05</b>	<b>0747CST</b>			<b>0</b>	<b>0</b>	<b>2k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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One trailer was damaged and trees were blown down.

<b>Sunflower County 4 W Ruleville</b>	<b>05</b>	<b>0755CST</b>			<b>0</b>	<b>0</b>	<b>110k 0</b>		<b>Thunderstorm Wind</b>
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Several power poles were blown down. Nineteen trailers and one house were damaged.

<b>Sunflower County Drew</b>	<b>05</b>	<b>0755CST</b>			<b>0</b>	<b>0</b>	<b>10k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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The roof of a school and a cotton compress were damaged.

**MISSISSIPPI Cont'd**

<b>Panola County 6 E Batesville</b>	<b>05</b>	<b>0905CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Thunderstorm Wind</b>
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A house had its roof damaged by thunderstorm winds.

<b>DeSoto County Horn Lake</b>	<b>05</b>	<b>0922CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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A 100-foot radio tower was blown down. Roof damage occurred at the Nesbit Fire Department. Eighteen car windows were blown out or damaged by the wind in Horn Lake. Several bed liners and camper tops were blown onto Interstate 55 from an adjacent business near Horn Lake. Numerous trees were blown down.

<b>Yazoo County Benton</b>	<b>05</b>	<b>1215CST</b>			<b>0</b>	<b>0</b>	<b>40k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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There was damage to roofs and trees were blown down.

<b>Lafayette County Abbeville</b>	<b>05</b>	<b>1230CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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Several trees were blown down.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Yazoo County Benton</b>	<b>05</b>	<b>1240CST</b>			<b>0</b>	<b>0</b>	<b>100k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									There was damage to some houses.
<b>Marion County Spring Cottage</b>	<b>05</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>	<b>1k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down.
<b>Pike County Mccomb</b>	<b>05</b>	<b>1430CST</b>			<b>0</b>	<b>0</b>	<b>55k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A shop building and tractor were damaged.
<b>Pike County 3 E Mccomb</b>	<b>05</b>	<b>1435CST</b>			<b>0</b>	<b>0</b>	<b>15k</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down and a house was damaged.
<b>Wathall and Marion Counties 4 SW to 1 SW Sandy Hook</b>	<b>05</b>	<b>1440CST</b>	<b>3.0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>25k</b>	<b>0</b>	<b>Tornado (F1)</b>

# Storm Data and Unusual Weather Phenomena

November 1994

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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## MISSISSIPPI Cont'd

This tornado touched down in Wathall county, 4 miles southwest of Sandy Hook, and move d northeast crossing into Marion county, 2 miles southwest of Sandy Hook. The tornado lifted 1 mile southwest of Sandy Hook. One house was damaged when a tree fell on it. Numerous trees wer e blown down over a 15 to 20 acre area.

**Lamar County  
Oloh**

05	1440CST				0	0	5k	0	<b>Thunderstorm Wind</b>
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Several trees were blown down, north of Highway 98.

**Forrest County  
Glendale**

05	1530CST				0	0	6k	0	<b>Thunderstorm Wind</b>
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Several houses were damaged and trees were blown down. There were reports of a funnel cloud.

**Warren County  
3 N Oakridge**

09	1645CST				0	0	2k	0	<b>Thunderstorm Wind (G45)</b>
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Several trees and power lines were blown down.

**Yazoo County  
Nod**

09	1647CST				0	0	1k	0	<b>Thunderstorm Wind (G52)</b>
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Several trees were blown down.

**Scott County  
2 S Morton**

27	1645CST				0	0	2k	0	<b>Thunderstorm Wind</b>
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Several large trees were blown down and a chicken house was destroyed.

**Neshoba and  
Kemper Counties**

27	1730CST- 1755CST	16.0	100		0	0	1M	0	<b>Tornado (F1)</b>
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The tornado started two miles east-southeast of Neshoba and traveled northeast and crossed into Kemper county, 5 miles west of Cleveland. The tornado was on the ground a short time in Kemper county and lifted three miles west-northwest of Cleveland.

Numerous trees were blown down or snapped off along the path. Three houses, two mobile homes, and a Masonic Lodge were destroyed. Nine other dwellings sustained major damage and 26 sustained minor damage. Damage estimates were placed at \$1 million.

**Issaquena and  
Sharkey Counties**

27	1815CST	7.0	200		0	2	150k	0	<b>Tornado (F1)</b>
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The tornado touched down 4 miles south of Fitler in Issaquena county, then traveled northeast and moved into Sharkey county, 3 miles southwest of Onward. The tornado lifted 2 miles southeast of Onward. Four mobile homes and 4 frame houses were destroyed. Many trees and power lines were blown down. Two people were injured in a house near Fitler.

**Yazoo County  
8 SE Yazoo City**

27	1900CST				0	0	30k	0	<b>Thunderstorm Wind</b>
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One trailer and a barn were destroyed. Several trees were blown onto power lines.

**Tippah County  
5 NE Ripley**

27	1900CST				0	0	5K	0	<b>Thunderstorm Wind</b>
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Several trees and power lines were blown down.

**Yazoo and  
Holmes Counties**

27	1910CST	15.0	100		0	0	50k	0	<b>Tornado (F0)</b>
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The tornado touched down 3 miles northwest of Renshaw and moved out of Yazoo County, 4 miles east of Eden, into Holmes county to 4 miles southwest of B rozville. One home was damaged, another home had roof damage, and one trailer was blown off its blocks. Numerous trees and power line s were blown down.

**Warren and  
Claiborne Counties**

27	1925CST	18.0	150		0	0	100k	0	<b>Tornado (F1)</b>
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## MISSISSIPPI Cont'd

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>Yazoo County 3 S Benton</b>	27	1925CST			0	0	1k	0	<b>Thunderstorm Wind</b>
The tornado touched down 2 miles northeast of Grand Gulf, moved northeast along the Big Black river to 1 mile north of Reganton. The tornado was briefly in extreme southern Warren county, just north of the Big Black river. Nearly 100 acres of timber were damaged.									
Several trees were blown down.									
<b>Hinds County 6 SW to 2 ENE Jackson</b>	27	1940CST	8.0	50	0	0	2k	0	<b>Tornado (F0)</b>
This weak tornado was tracked by Hinds County spotters across the city of Jackson. The tornado did very little damage, mainly to trees and power lines.									
<b>Hinds County 4 NW Raymond</b>	27	2010CST			0	0	1K	0	<b>Thunderstorm Wind (G52)</b>
Several trees were blown down along Highway 467.									
<b>Madison County Ridgeland</b>	27	2035CST			0	0	1k	0	<b>Thunderstorm Wind</b>
Several trees were blown down.									
<b>Hinds and Rankin Counties</b>	27	2040CST- 2110CST	20.0	200	0	0	1m	0	<b>Tornado (F1)</b>
The tornado touched down 5 miles northwest of Jackson and moved east-northeast, and exited the county, 7 miles northeast of Jackson at 2055CST. The tornado then moved across Rankin County before lifting 1 mile northeast of Fannin. Numerous homes were damaged, many trees and power lines were blown down, and several small buildings were destroyed.									
<b>Rankin County 2 N Brandon</b>	27	2125CST			0	0	1k	0	<b>Thunderstorm Wind</b>
Several trees blown down.									
<b>Scott County 2 N Harpersville</b>	27	2130CST			0	0	10K	0	<b>Thunderstorm Wind</b>
One chicken house was totally destroyed and several trees were blown down.									
<b>Oktibbeha County 12 W Starkville</b>	27	2145CST			0	0	3K	0	<b>Thunderstorm Wind</b>
Several trees and power lines were blown down.									
<b>Leake County Walnut Grove</b>	27	2150CST			0	0	3K	0	<b>Thunderstorm Wind</b>
Several trees and power lines were blown down.									
<b>Simpson, Smith and Jasper Counties</b>	27	2215CST- 2315CST	40	200	2	0	2M	0	<b>Tornado (F3)</b>
This tornado touched down 1 mile northwest of Magee in Simpson County moved northeast and moved into Smith County, 4 miles southwest of Cohay, at 2225CST. The tornado moved across Smith County and moved into Jasper County, 4 miles west of Louin, at around 2300CST. The tornado lifted at 2315CST 3 miles south of Baxter.									
The most intense segment of this tornado (F3) was when it moved across the north portions of Magee. Forty to fifty houses or mobile homes had major damage. Two people were killed in Magee when a large tree fell across their mobile home. Most of the damage in Smith County was to trees and power lines. In Jasper County, several chicken houses were destroyed around Montrose and most other damage as to trees. The tornado was weaker in Smith and Jasper counties and ranged from F0-F1. F38M M02M									

MISSISSIPPI Cont'd

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Lincoln County</b> <b>5 SW Brookhaven</b>	27	2225CST			0	0	1K	0	<b>Thunderstorm Wind</b>
									Seven trees were blown down across Highway 84.
<b>Lowndes County</b> <b>New Hope</b>	27	2230CST			0	0	1K	0	<b>Thunderstorm Wind</b>
									Two trees were blown down.
<b>Smith County</b> <b>Raleigh</b>	27	2230CST			0	0	30K	0	<b>Thunderstorm Wind</b>
									The roof of a medical clinic was torn off, and the building was flooded by rain. Two mobile homes were severely damaged. Numerous trees and power lines were blown down.
<b>Kemper County</b> <b>2 SE Preston</b>	27	2230CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Neshoba County</b> <b>3 E Philadelphia</b>	27	2235CST			0	0	4K	0	<b>Thunderstorm Wind</b>
									Numerous trees and power lines were blown down.
<b>Smith County</b> <b>Sylarena</b>	27	2245CST			0	0	25K	0	<b>Thunderstorm Wind</b>
									The roof was blown off an ambulance service building and a trailer was blown over.
<b>Lawrence County</b> <b>10 S Monticello</b>	27	2310CST			0	0	4K	0	<b>Thunderstorm Wind</b>
									Numerous pine trees were blown down or snapped off.
<b>Lauderdale County</b> <b>Collinsville</b>	27	2310CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Jefferson Davis County</b> <b>1 E Bassfield</b>	27	2323CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Lauderdale County</b> <b>Bailey</b>	27	2345CST			0	0	2K	0	<b>Thunderstorm Wind</b>
									Several trees and power lines were blown down.
<b>Clarke County</b> <b>Quitman</b>	27	2400CST			0	0	2K	0	<b>Thunderstorm Wind</b>
									Several trees and power lines were blown down.
<b>MISSOURI</b>									
<b>Morgan County</b> <b>Versailles</b>	03	2105CST			0	0	0	0	<b>Urban/Small Stream Flood</b>
									County sheriff reported brief flooding on several poorly drained or low lying streets.
<b>Bollinger County</b>	05	0630CST- 1030CST			0	0	?	0	<b>Flooding</b>
<b>Wayne County</b>	05	0745CST- 1005CST			0	0	?	0	<b>Flooding</b>
<b>St.Louis Co.</b> <b>Ellisville</b>	05	1520CST			0	0	0.3K	0	<b>Thunderstorm Wind</b>
<b>Hazelwood</b>	05	1540CST			0	0	0.2K	0	<b>Thunderstorm Wind</b>
									Ham radio spotters and county officials reported numerous large trees and power lines down over mainly western and northern parts of the county.

### MISSOURI Cont'd

**Franklin Co.**

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Sullivan 4.5W Union</b>	<b>20</b>	<b>2300CST</b>			<b>0</b>	<b>0</b>	<b>2.5K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
	<b>20</b>	<b>2307CST</b>			<b>0</b>	<b>0</b>	<b>0.7K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<p>County officials reported a mobile home damaged in Sullivan after it was blown over at a construction facility. A building was leveled and numerous windows blown out at Sullivan Pottery on the east side of town. At least six large trees were blown down 1/2 mile north of Highway 50 on County Road EE between Union and Beaufort. Shingles and an awning were blown off several homes nearby. Power lines were blown down over much of the county keeping at least one school district from opening the next day.</p>									
<b>St.Louis Co. Chesterfield</b>	<b>20</b>	<b>2335CST</b>			<b>0</b>	<b>0</b>	<b>1.0K</b>	<b>0</b>	<b>Tstm Wind (61)</b>
<p>A wind gust to 70 mph was reported at the Spirit of St.Louis Airport in Chesterfield. Numerous large trees and power lines were blown down across western parts of the county.</p>									
<b>St.Charles Co. St.Peters, and St.Charles</b>	<b>20</b>	<b>2340CST</b>			<b>0</b>	<b>0</b>	<b>80.0K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<p>Many large trees and power lines were blown down across the county. Many roofs were damaged, including at a local high school where the press box was damaged and bleachers were torn away. A huge mesh net at a golf driving range toppled landing on the roofs of a nearby apartment complex heavily damaging several roofs. Union Electric also reported thousands of customers lost power for a time after the storms passed.</p>									
<b>Lincoln Co. Winfield, and Old Monroe</b>	<b>20</b>	<b>2342CST</b>			<b>0</b>	<b>0</b>	<b>1.2K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<p>Numerous utility poles were blown down and wires damaged. Schools remained closed the following day due to lack of power.</p>									
<b>St.Louis Co. Chesterfield, and Florissant</b>	<b>20</b>	<b>2343CST</b>			<b>0</b>	<b>0</b>	<b>55.0K</b>	<b>0</b>	<b>Tstm Wind (70)</b>
<p>A wind gust to 81 mph was reported from the Spirit of St.Louis Airport. Many trees and power lines were blown down with some roof damage in northern parts of the county. Union Electric reported more than 22,000 people without power after the storm hit.</p>									
<b>St.Charles Co. Smartt Field</b>	<b>20</b>	<b>2351CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tstm Wind (59)</b>
<p>A wind gust to 68 mph was recorded at Smartt Field airport in the northern part of the county.</p>									
<b>St.Louis City</b>	<b>21</b>	<b>0002CST</b>			<b>0</b>	<b>0</b>	<b>3.5K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<p>The roof of a 4-family apartment building on North 19st Street was completely destroyed but there were no injuries. Reported by a local radio station.</p>									
<b>St.Louis Co. Florissant</b>	<b>27</b>	<b>1200CST</b>			<b>0</b>	<b>0</b>	<b>0.7K</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<p>Power lines were blown down and one sub-station was damaged in the north county area.</p>									
<b>Warren Co. Marthasville</b>	<b>27</b>	<b>1330CST</b>			<b>0</b>	<b>0</b>	<b>1.4K</b>	<b>0</b>	<b>High Wind</b>
<p>Wind gusts around a large storm system reached 40 mph and tore the roof off a pavilion at the Katy Trail parking lot.</p>									
<b>Clay County Northern Kansas City</b>	<b>27</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>5.0K</b>	<b>0</b>	<b>High Wind</b>
<p>Strong gradient winds ahead of a strong low pressure system produced wind gusts to 48 mph, knocking out power to 339 homes.</p>									
<b>MONTANA</b>									
<b>MTZ007</b>	<b>01</b>	<b>PM</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Strong winds knocked down over 150 trees and damage d at least seven buildings at a girl scout camp near Red Lodge.
<b>MTZ003-007</b>	<b>01</b>	<b>1900MST-</b>							
	<b>02</b>	<b>1200MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Heavy Snow</b>
									Sixteen inches of snow at East Glacier and eleven inches at Mystic Lake.
<b>MTZ003&gt;006-007-009</b>	<b>16</b>	<b>1800MST-</b>							
	<b>17</b>	<b>1200MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Snow</b>
									Four to eight inches of snow over most of Montana east of the continental divide with up to eleven inches in the Billings area. Numerous fender bender accidents as a result.
<b>MTZ003</b>	<b>23</b>	<b>0700MST-</b>							
		<b>1500MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Winds (G100)</b>
									High winds with gusts to 115 mph at east glacier and several reports of gusts over 80 mph elsewhere along the northern front range of the rockies. A roof was torn off of a modular trailer classroom and a camper vehicle was blown off the road.
<b>MTZ001-003-004-006</b>	<b>25</b>	<b>1200MST-</b>							
	<b>26</b>	<b>1800MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Snow</b>
									Five to Nine inches of snow fell over western and central Montana resulting in several minor accidents and isolated power outages.
<b>MTZ007</b>	<b>29</b>	<b>1800MST-</b>							
	<b>30</b>	<b>1000MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds (G80)</b>
									Strong winds blew several semi-trailers off the road, ripped the roof off of an airplane hanger at Livingston, and caused spotty power outages. Interstate 90 was closed during the evening of the 29th as a result.
<b>NEBRASKA</b>									
<b>NEZ002-004-005-055</b>	<b>08</b>	<b>0800MST-</b>							
<b>W Nebraska</b>	<b>09</b>	<b>2000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Heavy snow fell over parts of the Nebraska Panhandle and western Nebraska. Six to twelve inches of snow was reported at Crawford, Hay Springs, Rushville, and Mullen. Seven to eight inches of snow fell at Lodgepole and Dalton.
<b>NEZ008-012-013</b>	<b>26</b>	<b>0200CST-</b>							
<b>015-044-</b>	<b>27</b>	<b>1400CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>N Central and</b>									
<b>NE Nebraska</b>									A large area of snow fell over central and eastern Nebraska with a small area of embedded heavy snow over parts of the north central and northeast. Six to eight inches of snow was reported over the extreme northeast corner of Nebraska. Six inches of snow also fell at Elsmere in north central Nebraska.
<b>NEVADA</b>									
<b>NVZ008</b>	<b>02</b>	<b>2000PST-</b>							
<b>South Central</b>	<b>03</b>	<b>0200PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>Nevada</b>									A small but intense low pressure system produced significant snowfall over Lincoln County in South Central Nevada as it exited the state. Six to seven inches of snow were reported in the community of Pioche during the period and 20 inches of snow were reported to have fallen between Caliente and Cedar City, UT during the same period.
<b>NVZ001</b>	<b>03</b>	<b>0730PST-</b>							
<b>Lake Tahoe-</b>		<b>0800PST</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspouts</b>
<b>Truckee Area</b>									Waterspouts were spotted over Lake Tahoe that morning.
<b>NEVADA Cont'd</b>									
<b>NVZ001-006</b>	<b>04</b>	<b>2100PST-</b>							

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>Lake Tahoe-Truckee Area and Northeast Nevada</b>	<b>05</b>	<b>2100PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									A low pressure system produced snow across much of Northern Nevada and it was the first significant snow of the season over Northeast parts of the state. Clover Valley, south of the community of Wells reported 14 inches of snow during the period. Nineteen inches of snow fell at Donner Pass along Interstate 80 in California, 10 inches fell in Wells, 7 inches fell at both Wildhorse and Jiggs, and 6.5 inches fell in Elko, Nevada.
<b>NVZ001 Lake Tahoe-Truckee Area</b>	<b>06</b>	<b>0000PST-1200PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Thirteen inches of snow fell at the Sugar Bowl Ski Area that morning as a low pressure system moved across Western Nevada.
<b>NVZ001&gt;003 Lake Tahoe-Truckee Area, East Slopes of the Central Sierra and Extreme Western Nevada</b>	<b>09</b>	<b>0600PST-1600PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									Very strong winds developed across the Northern and Central Sierra as well as over Extreme Western Nevada ahead of an intense Pacific storm system. Wind gusts to 58 mph were reported by a spotter in Southwest Reno with gusts to 60 and 67 mph reported by the Stead Fire Department and the Nevada Air Guard respectively. Wind gusts reached a peak of 71 mph at the Reno-Tahoe International airport that morning and Gardnerville had peak gusts of 88 mph. The Mono Lake Sheriff's Department reported a tractor-trailer rig overturned by strong winds on U.S. Route 395 and at various times during the period, automated weather stations in the Sierra reported ridge-top winds in excess of 80 mph.
<b>NVZ001 Lake Tahoe-Truckee Area</b>	<b>09</b>	<b>0900PST-2000PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									A strong low pressure moved onshore and dropped 14 inches of snow in less than twelve hours at Donner Pass along Interstate 80 and the Sugar Bowl Ski Area reported 12 inches of new snow in the same period.
<b>NVZ003 Extreme Western Nevada</b>	<b>10-11</b>	<b>2200PST-0600PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Locally heavy snow was reported in the Reno-Sparks area with a spotter in Northwest Reno reporting 4 inches during the period.
<b>NVZ003 Extreme Western Nevada</b>	<b>15</b>	<b>0930PST-1530PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									Strong winds developed over the area as a low pressure system moved through the region. Wind gusts reached 60 mph at the Stead Airport with gusts to 66 mph in Gardnerville.
<b>NVZ001 Lake Tahoe-Truckee Area</b>	<b>15</b>	<b>1000PST-2200PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Snowfall reports from across the area for the period include 8 inches of snow at the Squaw Valley Ski Area, 6-8 inches of snow at both Donner Pass along Interstate 80 and at Meyers, 6 inches at Kingvale, and 8-12 inches at Echo Summit.
<b>NVZ001-004 -006-007 Lake Tahoe-Truckee Area, West Central Nevada, Northeast and East Central Nevada</b>	<b>17</b>	<b>0430PST-1630PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>

A winter storm caused significant snowfall across the region. Accumulations included 8 new inches at Incline Village, 10-12 inches at lake level at Lake Tahoe, 18 inches at Echo Summit, 5 inches at



# Storm Data and Unusual Weather Phenomena

November 1994

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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Eureka, 6 inches at Clover Valley, 9 inches at Yerington, and 15 inches at Tahoe City.

**NVZ002-004**  
**East Slopes of the Central Sierra and West Central Nevada**

<b>17</b>	<b>0500PST-1000PST</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Blizzard</b>
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A powerful winter storm caused blizzard conditions across portions of the Central Sierra and Western Nevada. Prolonged visibility at near zero was reported at both Mammoth Lakes and at Rye Patch Reservoir State Park with winds at 50 and 60 mph reported at Mammoth Lakes.

**NVZ001>004**  
**Lake Tahoe-Truckee Area, East Slopes of the Central Sierra, Extreme Western and West Central Nevada**

<b>17</b>	<b>0800PST-</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>18</b>	<b>0800PST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Twenty-four hour accumulations include Carson City with 6-8 inches, 8-10 inches at Schurz and Walker Lake, 7-8 inches at Gardnerville, 12 inches at Walker, 10-12 inches at Mammoth Lakes, 18-24 inches at Markleeville, 12 inches at Topaz Lake, 18-24 inches at Squaw Valley, 20 inches at Alpine Meadows, and 12 inches at Truckee.

**NVZ001>003**  
**Lake Tahoe-Truckee Area, East Slopes of the Central Sierra, and Extreme Western Nevada**

<b>25</b>	<b>1200PST-</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Blizzard/Heavy Snow</b>
<b>26</b>	<b>1200PST</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	

A powerful Thanksgiving storm brought plentiful snow and dangerous weather conditions to the Sierra. During the period, blizzard conditions were common across the area. The Sugar Bowl Ski Area reported 2-3 feet of new snow and occasional blizzard conditions with winds in excess of 50 mph. Kirkwood reported 4-5 feet with ridgetop winds in excess of 100 mph and occasional blizzard conditions. Several automated weather stations along the Sierra crest reported frequent wind gusts in excess of 100 mph. Crestview received 16 inches of snow during a 6 hour period with 32 inches storm total. Caltrans reported 19 inches of new snow at Echo Summit. The Northstar Ski Area received 9-18 inches of new snow, the Mount Rose Ski Area 18-24 inches, Mammoth Mountain Lodge received 25 inches, USFS Mammoth reported 18 inches and 5-7 inches were common throughout the Reno-Sparks area.

## NEW HAMPSHIRE

<b>MEZ001-002</b>	<b>28</b>	<b>0000EST-1900EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Heavy Snow</b>
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An approaching warm front associated with a low pressure center over the Great Lakes resulted in New Hampshire's first winter storm. The northern part of the state received 6 to 7 inches of snow. Accumulations were less over the remainder of the state, as the snow changed over to freezing and liquid rain.

## NEW JERSEY, Northern

None reported.

## NEW JERSEY, Southern

<b>Camden County</b>									
<b>1W Camden</b>	<b>01</b>	<b>1625EST</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>

A 24 foot long sailboat capsized during a severe thunderstorm on the Delaware River. The boat set sail from Pynes Poynt Marina in Camden. One person on board drowned when he became entangled in the lines and was submerged beneath the capsized boat. (M530)

## NEW JERSEY, Southern Cont'd

<b>Burlington County</b>									
<b>Moorestown</b>	<b>01</b>	<b>1637EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds 53</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
A SKYWARN Spotter measured a wind gust to 61 mph.									
<b>Warren County Hackettstown</b>	<b>01</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds 62</b>
A severe thunderstorm knocked down numerous trees in Hackettstown. A roof was blown off a house onto U.S. Route 46. Sheet metal was wrapped around sign posts on Main Street. Wind gusts were estimated at 70 mph.									
<b>Atlantic County Absecon</b>	<b>01</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds</b>
Trees were toppled in Absecon.									
<b>Hunterdon County Northeast</b>	<b>01</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds</b>
Trees were reported uprooted in the northeast part of the county.									
<b>Morris County Western</b>	<b>01</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds</b>
Trees and power lines were knocked down in the western half of the county.									
<b>Sussex County Countywide</b>	<b>01</b>	<b>1715EST-</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Winds</b>
	<b>01</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>			
Trees and power lines were toppled throughout the county. One of the hardest hit areas was Byram Township.									
<b>Monmouth County Loch Arbour</b>	<b>01</b>	<b>1800EST</b>	<b>0.5</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>75K</b>	<b>0</b>	<b>Tornado (F0)</b>
A tornado briefly touched down in the village of Loch Arbour around 6 pm EST at the intersection of Euclid and Edgemont Avenues. The tornado lifted between Spier and Corlies Avenue about 100 yards from the Atlantic Ocean. About five homes on Euclid Avenue suffered substantial roof damage. Most of the eight other homes which sustained minor damage were on Buena Vista Court. About two dozen trees were uprooted. Most of them were decaying within. Tops were sheared off a number of other trees. Damage was estimated at \$75,000.									
<b>NJZ001-007&gt;010- 012&gt;026</b>	<b>monthlong</b>				<b>0</b>	<b>0</b>			<b>Unseasonably Warm</b>
November 1994 ranked as one of the ten warmest months on record. The mean temperature of 49.5 degrees at Atlantic City International Airport in Pomona was the sixth warmest November on record. In nearby Philadelphia PA, it was the fourth warmest November (51.7 degrees) on record. It was the third warmest November on record in Allentown PA (48.0 degrees).									
<b>NEW MEXICO</b>									
<b>NMZ002</b>	<b>03</b>	<b>0800MST- 1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Steady upslope winds from the southwest produced localized heavy snow in the mountains east of Chama and Canjilon. The pass on Highway 64 between Tierra Amarilla and Tres Piedras was closed by 12 to 18 inches of new snow.									
<b>NMZ022</b>	<b>12</b>	<b>0000MST-</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Flood</b>
	<b>13</b>	<b>1500MST</b>			<b>0</b>	<b>0</b>			
<b>Santa Fe County 7 N Glorieta</b>	<b>12</b>	<b>1600MST</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Fog and Cold Temperatures</b>
Tropical moisture swept off the Pacific and produced widespread cold rain over southwestern and north central New Mexico. Totals of 3 to 4 inches in 12 to 18 hours over the Mogollon mountains caused some flooding along the Gila River. A failure of a small silt diversion dam resulted in 2 feet									
<b>NEW MEXICO Cont'd</b>									
of water getting into several homes along Sapillo Creek. Several road closures from high water or mudslides stranded about 15 hunters for 24 to 36 hours in the mountains between Gila Cliff Dwellings and Cliff in Grant county. A 46-year-old Oklahoma man died from exposure and his									

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>sixteen year son suffered hyperthermia when fog and light rain developed while they were on a short hike about 2 miles north of Glorieta Camp in Santa Fe county. (M460)</p>									
<b>Eddy County Carlsbad</b>	<b>22</b>	<b>1000MST- 1600MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds (G54)</b>
<p>Gusty low level winds developed in extreme southern New Mexico as an upper level storm center passed over the northern sections of the state. Wind gusts as high as 62 mph at Carlsbad produced minor damage mainly to awnings and several utility poles.</p>									
<b>Western &amp; Central New Mexico</b>	<b>26</b>	<b>1000MST- 1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G55)</b>
<p>Gusty winds over 40 mph developed across many areas as a strong upper level storm center pushed a cold front eastward over the state. Recorded gusts reached 63 mph at Gallup, 60 mph at Las Vegas, and 54 mph at Deming. Gusts to 45 mph were common elsewhere including Albuquerque.</p>									
<b>NEW YORK, Central</b>									
<b>Delaware County Hancock</b>	<b>01</b>	<b>1220EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>	<b>0</b>	<b>Lightning</b>
<p>A bolt of lightning was responsible for breaking two windows, two telephones, a radio, and three computers as it apparently struck powerlines in the Village of Hancock.</p>									
<b>Delaware County Walton</b>	<b>01</b>	<b>1300EST- 1315EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Urban Flood</b>
<p>Thunderstorms dumped heavy rain on the Village of Walton during the early afternoon hours of November 1st resulting in urban flooding in parts of the village as storm drains clogged with leaves backed up.</p>									
<b>Sullivan County 5SW Monticello</b>	<b>01</b>	<b>1814EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>	<b>0</b>	<b>Tstm Wind</b>
<p>Severe thunderstorm winds downed large trees, wires and poles along the shore of Swinging Bridge Reservoir during the evening hours of November 1st. In addition a light weight metal dock was blown over and ten boats and a single engine plane were overturned.</p>									
<b>NYZ033-034-039&gt;041- 049-053-060</b>	<b>02</b>	<b>1100EST- 1315EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>High Wind</b>
<p>A strong pressure gradient developed across parts of eastern New York on November 2nd in the wake of a coastal low pressure system in the Gulf of Maine. As a result high winds resulted in damage across parts of eastern New York as trees and powerlines were downed with Niskayuna, Kinderhook, Ballston Spa, Wilton, Amsterdam, Troy, North Creek, Bakers Mills, Minerva and Indian Lake being hardest hit.</p>									
<b>Areawide</b>	<b>04 05</b>	<b>PM- PM</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Record Heat</b>
<p>High pressure along the Atlantic Coast was responsible for pumping a southerly flow of unseasonably mild air into the Northeast resulting in record high temperatures across eastern New York. Albany reached 76 degrees on November 4th which tied the previous record set in 1987. Albany reached 75 degrees on November 5th which broke the previous record of 74 degrees set in 1935. Binghamton reached 72 degrees on November 4th which tied the record high set in 1978. Binghamton reached 67 degrees on November 5th which broke the previous record of 66 degrees set in 1978.</p>									
<b>NYZ026&gt;042-047-051- 052-056-058-059&gt;061- 063&gt;066</b>	<b>06 07</b>	<b>1630EST- 0700EST</b>			<b>1</b>	<b>0</b>	<b>0.5M</b>	<b>0</b>	<b>High Wind</b>

## NEW YORK, Central

A strong pressure gradient developed ahead of and behind a low pressure system which moved from the eastern Great Lakes on the morning of the November 6th to the Canadian Maritimes on the morning of November 7th. High winds downed trees and powerlines across parts of eastern New York. Especially hard hit were Kingston and Cobleskill where trees fell on homes and vehicles. In

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									Peasleeville a barn collapsed due to the high winds. In Holland Patent a 42-year-old man was killed when his car crashed into a large tree limb that was blown down by the high winds. (M42V)
<b>NYZ056</b>	<b>21</b>	<b>1200EST-1400EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>High Wind</b>
<b>NYZ026&gt;031-034-035</b>	<b>21</b>	<b>1400EST-2200EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>High Wind</b>
									A strong pressure gradient formed across Eastern New York on the 21st of November between a low pressure system in the central Great Lakes and a high pressure system in the Canadian Maritimes. As a result high winds downed trees and powerlines across parts of the area. In Broome County strong winds toppled trees and downed utility wires leaving 100 customers without power. In St. Lawrence, Franklin, Essex and Clinton Counties numerous trees and powerlines were downed some landing on homes. A mobile home in Franklin County had its roof removed.
<b>NYZ039</b>	<b>22</b>	<b>1500EST-1600EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>High Wind</b>
									Two power poles were downed by high winds in Fulton County.
<b>Areawide</b>	<b>22</b>	<b>1200EST-1500EST</b>			<b>0</b>	<b>0</b>	<b>0.5M</b>	<b>0</b>	<b>Snow Squalls</b>
									The combination of a cold front moving through the eastern Great Lakes and colder air moving across the relatively warmer waters of Lake Erie and Lake Ontario resulted in the seasons first snowfall across much of eastern New York. Snowfall amounts were generally 1 to 3 inches with up to 6 inches reported across parts of the western Adirondacks. Some specific snowfall amounts were 4.5 inches at Newport, 4.2 inches at Ray Brook, 4 inches at Rome, and 3.5 inches at Newcomb. In addition numerous traffic accidents were reported across the area.
<b>Areawide</b>	<b>24</b>	<b>AM</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Record Cold</b>
									Arctic air swept across eastern New York on November 24th following a strong cold front which had moved through the region on November 23rd. Albany set a new record low for the date with a reading of 11 degrees which broke the previous record of 12 degrees set in 1956.
<b>NYZ033-042</b>	<b>27</b>	<b>2100EST-28 1200EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>	<b>0</b>	<b>Heavy Mix</b>
									A combination of snow and freezing rain resulted in numerous accidents across Warren and Hamilton Counties as 4 to 6 inches of snow and 0.25 to 0.50 inch of ice combined to create treacherous conditions. The mixed precipitation resulted from a low pressure system which moved northeast through the Great Lakes region during the early morning hours of November 28th. Some specific snowfall amounts included 6 inches at Indian Lake, 5 inches at Piseco and 4 inches at Warrensburg.
<b>NEW YORK, Coastal</b>									
<b>Westchester County</b>	<b>02</b>	<b>Morning</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
<b>Orange County</b>	<b>02</b>	<b>Morning</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
<b>Monroe</b>									Strong northwesterly winds in the wake of a cold front that moved through the area earlier, brought down numerous large branches and many power lines. At some locations the winds were strong enough to bring down entire trees.
<b>Nassau County</b>	<b>07</b>	<b>Morning</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
<b>Putnam County</b>	<b>07</b>	<b>Morning</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
									A strong low pressure system centered over northern Maine generated a strong northwesterly wind flow across the area. Numerous branches and some power lines were blown down. At some locations the winds were strong enough to down a couple of trees.
<b>NEW YORK, Western</b>									
<b>Erie County</b>									
<b>Amherst</b>	<b>06</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Wind</b>
<b>Chautauqua County</b>									
<b>Dunkirk</b>	<b>06</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Wind</b>
<b>Niagara County</b>									
<b>Middleport</b>	<b>06</b>	<b>1530EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Wind</b>

# Storm Data and Unusual Weather Phenomena

November 1994

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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Southwest winds ahead of a strong cold front were funnelled across Lake Erie. The strong winds brought down trees and power lines over the counties adjacent to the eastern portions of the lake.

<b>Erie County</b> <b>Buffalo</b>	21	0700EST			0	0	4	0	<b>High Wind</b>
<b>Chautauqua County</b> <b>Dunkirk</b>	21	0830EST			0	0	4	0	<b>High Wind</b>
<b>Wyoming County</b> <b>Bliss</b>	21	1200EST			0	0	5	0	<b>High Wind</b>
<b>Jefferson County</b> <b>Watertown</b>	21	1530EST			0	0	4	0	<b>High Wind</b>

Deep low pressure over the Midwest U.S. intensified as it moved north toward the area. The strong southwest winds were enhanced by Lakes Erie and Ontario. Scattered power outages and downed trees and power lines were reported over areas downwind of the lakes.

<b>Oswego County</b>	23	1400EST			0	0	4	0	<b>Heavy Snow Squalls</b>
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Cold air crossing the warmer waters of Lake Ontario resulted in lake effect snow squalls. The squalls dumped between six and eight inches over parts of the county...including West Monroe, Mexico and Pulaski.

<b>Cattaraugus County</b> <b>Franklinville</b>	27	2300EST			0	0	5	0	<b>High Wind</b>
<b>Chautauqua County</b> <b>Brocton</b>	28	0030EST			0	0	4	0	<b>High Wind</b>
<b>Niagara County</b> <b>Niagara Falls</b>	28	1340EST			0	0	5	0	<b>High Wind (52)</b>
<b>Erie County</b> <b>Buffalo</b>	28	1400EST			0	0	4	0	<b>High Wind (53)</b>
<b>Chautauqua County</b> <b>Dunkirk</b>	28	1530EST			0	0	5	0	<b>High Wind</b>
<b>Wyoming County</b> <b>Warsaw</b>	28	1900EST			0	0	4	0	<b>High Wind (55)</b>
<b>Erie County</b> <b>Buffalo</b>	28	2120EST			0	0	4	0	<b>High Wind (58)</b>
<b>Buffalo</b>	29	0417EST			0	0	4	0	<b>High Wind (51)</b>

Strong southwest winds were enhanced as they crossed Lake Erie resulting in damage across areas immediately downwind of the lake. The strong winds buffeted the area for nearly 24 hours. Trees and power lines were downed. Power outages were reported. In some areas, the downed trees fell homes causing structural damage.

## NORTH CAROLINA

<b>NCZ017-047-081-095-102&gt;104</b>	17	1720EST-			0	0	5	0	<b>Hurricane Gordon</b>
	18	1200EST							

Hurricane Gordon was a major weather factor along the North Carolina coast. The storm remained offshore, but caused significant flooding and strong winds all along the central and northern Carolina coast. The flooding began on Hatteras Island, with about 12 inches of overwash. Route 12 was closed between Kitty Hawk Road and Historic Street due to overwash and debris. Diamond Shoals lighthouse reported wind gusts to 75 mph. Water overflowed the sandbags on Pea Island. By the morning of November 18th, Frisco Pier to Hatteras Village was under 2.5 feet of overwash. Significant beach erosion occurred because of the length of time Gordon was in the area. Wrightsville Beach was particularly hard hit. Several beachfront cottages in Kitty Hawk sustained major damage or were completely destroyed.

## NORTH DAKOTA

<b>NDZ019-027-039-047-049-063-067-071-093-099-</b>	17	1300CST-			1	?	?	?	<b>Heavy Snow</b>
<b>Northeast and parts of Central and Eastern North Dakota</b>	18	1000CST							

An intense low pressure system tracked northeast out of Colorado and dumped 6 to 12 inches of snow extending from south central to northeast North Dakota. Along with the heavy snow came strong

# Storm Data and Unusual Weather Phenomena

November 1994

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

winds gusting to 50 mph in the central. Schools were closed and travel was very difficult. One death, a 47-year-old male in Ramsey County, occurred due to exposure during the storm.

<b>NDZ005-009-015-021-027-031-035-043-045-049-055-059-063-069-071-075-079-083-093-095-101-103-</b>	<b>26</b>	<b>1800CST-</b>							
<b>Most of Central North Dakota and part of the East</b>	<b>27</b>	<b>2300CST</b>			?	?	?	?	<b>Heavy Snow</b>

Six to ten inches of snow fell in central North Dakota. In addition to the snow, freezing drizzle fell in the south central. The North Dakota Highway Patrol advised no travel in much of the central part of the state.

## OHIO

<b>Wyandot County Carey</b>	<b>01</b>	<b>0150EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.25)</b>
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<b>Seneca County Tiffin</b>	<b>01</b>	<b>0220EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
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<b>Cuyahoga County Shaker Heights</b>	<b>01</b>	<b>0415EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
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<b>OHZ001&gt;020-024&gt;031-034&gt;037-042&gt;044-051&gt;053-060-061-070, North, Northwest, West Central, and Extreme Northeast Ohio</b>	<b>21</b>	<b>0340EST-2000EST</b>			<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
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Winds gusted over 60 mph at times across the northwest third of Ohio as a low pressure center passed through the northern Great Lakes. The highest measured wind gust was 63 mph at Columbus Grove (Putnam). Damage, for the most part, was not significant, with scattered trees, limbs, and power lines downed. A roof was reported blown off a trailer in Butler County at 0408EST. At 0445EST a church under construction in Findlay (Hancock) was severely damaged when much of the framing blew over. A chimney was toppled in Mansfield (Richland) and a motorist was injured in Port Clinton (Ottawa) when her vehicle was blown off the road after which she could not regain control. Fire departments battled a number of fires started from embers from leaf burning then regenerated from the strong winds.

<b>OHZ001&gt;038-042&gt;047-051&gt;053-060&gt;062-070-071 Northern and most of Western Ohio Western Ohio</b>	<b>27</b>	<b>1400EST-</b>			<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>High Winds</b>
	<b>28</b>	<b>0140EST</b>							

Strong winds ahead of a cold front produced spotty damage, mostly from downed trees and limbs, some on power lines. A woman in Mansfield was reported injured after a tree fell on her.

<b>Putnam County Columbus Grove</b>	<b>27</b>	<b>2345EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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Wind gusts were measured at 61 mph. Several trees were downed.

<b>Mercer County Celina</b>	<b>27</b>	<b>2355EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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## OHIO Cont'd

Minor structural damage occurred to a house.

<b>OHZ001&gt;041-047-048, Northern Ohio</b>	<b>28</b>	<b>1000EST-1750EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
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Strong winds after the passage of a cold front produced scattered downed trees and limbs, some on power lines. Some signs were downed or damaged. Winds were measured at 60 mph along the Lake Erie shore in Ashtabula (Ashtabula) and at 58 mph at Edgewater Park in Cleveland (Cuyahoga).

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>OKLAHOMA, Eastern</b>									
<b>McIntosh County</b>									
Eufaula	03	0753CST			0	0	?	0	Hail (0.75)
Checotah	03	0755CST			0	0	?	0	TSTM Wind (G56) Hail (0.75)
<b>Muskogee County</b>									
Warner	03	0810CST			0	0	?	0	TSTM Wind (G52)
3 SW Webbers Falls	03	0830CST			0	0	?	0	TSTM Wind (G52)
<b>Cherokee County</b>									
0.5 S Cookson	03	0840CST			0	0	?	0	TSTM Wind (G52)
<b>McIntosh County</b>									
7 E Checotah	03	0845CST			0	0	?	0	Hail (0.75)
<b>Muskogee County</b>									
Warner	03	0855CST			0	0	?	0	TSTM Wind (G61)
<b>Adair County</b>									
Stilwell	03	1000CST- 1100CST			0	0	?	0	Flash Flood
<b>Sequoyah County</b>									
N of Sallisaw	03	1000CST- 1100CST			0	0	?	0	Flash Flood
<b>Le Flore County</b>									
Panama	03	1205CST			0	0	?	0	TSTM Wind
<b>Latimer County</b>									
5 NE Red Oak	03	1250CST			0	0	?	0	TSTM Wind
<b>Haskell County</b>									
NR Lequire	03	1315CST			0	0	?	0	TSTM Wind
<b>LeFlore County</b>									
NR Pocola	03	1329CST			0	0	?	0	TSTM Wind
<b>Haskell County</b>									
McCurtain	03	1330CST			0	0	?	0	TSTM Wind
<b>Tulsa County</b>									
Collinsville	03	1510CST			0	0	?	0	Hail (0.88)
Collinsville	03	1515CST			0	0	?	0	Hail (0.75)
<b>Rogers County</b>									
Oologah	03	1530CST			0	0	?	0	Hail (0.75)
<b>LeFlore County</b>									
Page	03	1545CST			0	0	?	0	Hail (0.75)
<b>Tulsa County</b>									
2 E Broken Arrow	03	1620CST			0	0	?	0	Hail (0.75)
<b>Wagoner County</b>									
5 E Broken Arrow	03	1630CST			0	0	?	0	Hail (0.88)
<b>OKLAHOMA, Eastern Cont'd</b>									
<b>Rogers County</b>									
NR Chelsea	03	1630CST			0	0	?	0	TSTM Wind (G52)
NR Inola	03	1650CST			0	0	?	0	Hail (0.75)
<b>Haskell County</b>									
McCurtain	03	1700CST- 1900CST			0	0	?	0	Flash Flood
<b>Latimer County</b>									
Red Oak	03	1700CST- 1900CST			0	0	?	0	Flash Flood

## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		November 1994 Character of Storm
					Killed	Injured	Property	Crops	
<b>Tulsa County</b> 2 E Broken Arrow	03	1716CST			0	0	?	0	Hail (1.00)
<b>Wagoner County</b> 2 E Broken Arrow	03	1716CST			0	0	?	0	Hail (1.00)
<b>Mayes County</b> Salina	03	1740CST			0	0	?	0	Hail (0.88)
2 E Salina	03	1745CST			0	0	?	0	Hail (0.88)
<b>Le Flore County</b> Arkoma	03	1800CST- 2000CST			0	0	?	0	Flash Flood
<b>Mayes County</b> 1 N Pryor	03	1815CST			0	0	?	0	Hail (0.88)
<b>Tulsa County</b> 1 E Owasso	03	1820CST			0	0	?	0	Hail (0.75)
<b>Rogers County</b> 3 W Keetonville	03	1830CST			0	0	?	0	Hail (0.88)
<b>LeFlore County</b> Heavener	03	1900CST			0	0	?	0	Hail (0.75)
<b>Creek County</b> 5 NE Sapulpa	03	2017CST			0	0	?	0	Hail (1.00)
<b>Tulsa County</b> Tulsa	03	2034CST			0	0	?	0	Hail (0.75)
<b>Nowata County</b> New Alluwe	03	2040CST			0	0	?	0	Hail (0.75)
<b>Rogers County</b> 1 S Talala	03	2040CST			0	0	?	0	Hail (0.75)
1 W Talala	03	2045CST			0	0	?	0	Hail (0.75)
<b>Tulsa County</b> NR Sperry	03	2055CST			0	0	?	0	Hail (0.75)
<b>Osage County</b> 10 NW Tulsa	03	2055CST			0	0	?	0	Hail (0.75)
2 SW Skiatook	03	2100CST			0	0	?	0	TSTM Wind (G52)
<b>Tulsa County</b> 3 N Sperry	03	2105CST			0	0	?	0	TSTM Wind (G52)
<b>Craig County</b> 1 S Vinita	03	2130CST			0	0	?	0	Hail (0.75)
10 NW Vinita	03	2134CST			0	0	?	0	TSTM Wind (G52)

Severe thunderstorms occurred in eastern Oklahoma through much of the day on November 3rd. Strong thunderstorm winds downed trees 5 miles northeast of Red Oak, near Lequire, and at McCurtain, and a tree was blown down onto a road near Pocola. Several large tree limbs were blown down at Panama, and 60 mile an hour winds downed large tree limbs near Chelsea. A cable box was blown out at a house by 60 mile an hour winds 1/2 mile south of Cookson. Thunderstorm winds

### OKLAHOMA, Eastern Cont'd

gusted to 70 miles an hour at Warner and to 65 miles an hour at Eufaula. Thunderstorm winds gusted to 60 miles an hour 3 miles southwest of Webbers Falls, 2 miles southwest of Skiatook, 3 miles north of Sperry, and 10 miles northwest of Vinita. Large hail also accompanied the storms. Quarter size hail fell 2 miles east of Broken Arrow along the Tulsa/Wagoner county line and also 5 miles northeast of Sapulpa. Nickel size hail fell 5 miles east of Broken Arrow, at Salina, 2 miles east of Salina, 1 mile north of Pryor, and 3 miles west of Keetonville. Dime to nickel size hail fell on the northeast side of Collinsville, and dime size hail fell at numerous other locations in eastern Oklahoma. The thunderstorms also produced very heavy rainfall which resulted in flash flooding in parts of east central and southeast Oklahoma. Street flooding and some minor small creek overflows occurred in Stilwell and in Arkoma, and some county roads were flooded north of Sallisaw. Street flooding occurred in Red Oak and in McCurtain, and some secondary roads were closed by flooding



# Storm Data and Unusual Weather Phenomena

November 1994

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

in McCurtain.

<b>Osage County</b>									
7 SW Skiatook	04	0500CST			0	0	?	0	TSTM Wind (G52)
<b>Tulsa County</b>									
Tulsa	04	0545CST			0	0	?	0	Hail (1.00)
5 S Broken Arrow	04	0615CST			0	0	?	0	TSTM Wind
<b>Wagoner County</b>									
2 NW Coweta	04	0710CST			0	0	?	0	TSTM Wind (G52)
<b>Pittsburg County</b>									
Featherston	04	0730CST			0	0	?	0	TSTM Wind (G52)
<b>Haskell County</b>									
1 W Whitefield	04	0800CST			0	0	4	0	TSTM Wind

Severe thunderstorms redeveloped in eastern Oklahoma during the early morning of November 4th. Several barn roofs were damaged and large tree limbs were downed by strong thunderstorm winds just west of Whitefield, and a large tree limb was downed 5 miles south of Broken Arrow. Thunderstorm winds gusted to 60 miles an hour 7 miles southwest of Skiatook, 2 miles northwest of Coweta, and at Featherston. Quarter size hail fell at the intersection of 51st Street South and Yale Avenue in the city of Tulsa.

<b>LeFlore County</b>									
Countywide	04	1400CST-1600CST			0	0	?	0	Flash Flood
<b>Sequoyah County</b>									
Countywide	04	1400CST-1600CST			0	0	?	0	Flash Flood

Thunderstorms in Sequoyah and Le Flore counties produced very heavy rainfall which resulted in flash flooding during the afternoon of November 4th. Numerous county roads were flooded in Sequoyah County, and several county roads were flooded in Le Flore County.

<b>Le Flore County</b>									
Heavener	05	0400CST-0500CST			0	0	?	0	Flash Flood

Thunderstorms continued to produce very heavy rain in Le Flore County during the early morning of November 5th. This resulted in severe street flooding in Heavener.

<b>Washington County</b>									
Oglesby	08	2330CST			0	0	?	0	TSTM Wind (G52)

A severe thunderstorm produced 60 mile an hour winds which downed numerous tree limbs 2 1/2 inches thick at Oglesby.

<b>Le Flore County</b>									
NR Pocola	09	0800CST-0900CST			0	0	?	0	Flash Flood
NR Panama	09	1030CST-1130CST			0	0	?	0	Flash Flood

Thunderstorms in northern Le Flore County produced very heavy rainfall which resulted in flash flooding during the morning of November 9th. County roads and streets were flooded near Pocola and near Panama.

## OKLAHOMA, Eastern Cont'd

<b>Creek County</b>									
Depew	20	1645CST			0	0	3	0	High Wind
Bristow	20	1645CST			0	0	?	0	High Wind
<b>Osage County</b>									
2 NW Tulsa	20	1715CST			0	0	?	0	High Wind (G55)
<b>Okmulgee County</b>									
Henryetta	20	1719CST			0	0	?	0	High Wind (G55)
<b>Sequoyah County</b>									

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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<b>Muldrow</b>	<b>20</b>	<b>2015CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>High Wind</b>
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An intense low pressure system moved across Kansas and produced strong gradient winds in northeast and east central Oklahoma during the late afternoon and evening of November 20th. The strong winds downed power poles in Depew, blew down 6 to 12 inch diameter tree limbs in Bristow, and blew the roof off an outbuilding in Muldrow. Winds gusted to 63 miles an hour 2 miles northwest of Tulsa in extreme southeast Osage County and also at Henryetta.

## OKLAHOMA, Western Cont'd

<b>Pushmataha County 5 NNE Clayton</b>	<b>03</b>	<b>1640CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G52)</b>
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An isolated severe thunderstorm in southeastern Oklahoma produced strong winds.

<b>Stephens County Duncan</b>	<b>04</b>	<b>0930CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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<b>Oklahoma County Tinker AFB</b>	<b>04</b>	<b>1020CST</b>			<b>0</b>	<b>2</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>
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<b>Cotton County 4 S Randlett</b>	<b>04</b>	<b>1100CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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<b>Jefferson County Waurika</b>	<b>04</b>	<b>1100CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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<b>Jackson County 3 SSW Eldorado Olustee</b>	<b>04</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
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Thunderstorms scattered across parts of central, south central, and southwestern Oklahoma produced flash flooding and caused injuries due to lightning. In Oklahoma County at Tinker AFB, two men were struck by lightning. One man was stunned and the other was revived with CPR. Roads in Duncan in Stephens County were covered with 6 inches of water, and in nearby Cotton County 8 inches of water covered some roads. Roadways in Waurika in Jefferson County were also reported under water.

A severe thunderstorm moved from North Texas northeastward into southern Oklahoma, producing dime-sized hail in Jackson County.

<b>Jackson County SE Eldorado</b>	<b>08</b>	<b>2303CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>SE Eldorado</b>	<b>08</b>	<b>2303CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G52)</b>
<b>Humphreys</b>	<b>08</b>	<b>2320CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Kiowa County Roosevelt</b>	<b>08</b>	<b>2343CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>1 N Mountain Park</b>	<b>09</b>	<b>0000CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>

Severe thunderstorms in southwestern Oklahoma produced up to quarter-sized hail and wind speeds up to 60 mph.

<b>Love County 3 N Marietta</b>	<b>14</b>	<b>0730CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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In southern Oklahoma a truck was washed off of a low-water crossing into a stream, where it was carried 75 yards.

<b>Kiowa County Snyder</b>	<b>19</b>	<b>2205CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G52)</b>
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## OKLAHOMA, Western Cont'd

An isolated severe thunderstorm produced winds up to 60 mph in Kiowa County in southwestern Oklahoma.

<b>Oklahoma County Oklahoma City</b>	<b>20</b>	<b>0204CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Oklahoma City</b>	<b>20</b>	<b>0205CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Oklahoma City</b>	<b>20</b>	<b>0550CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Oklahoma City</b>	<b>20</b>	<b>0605CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Oklahoma City</b>	<b>20</b>	<b>0630CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>

**Lincoln County**

# Storm Data and Unusual Weather Phenomena

November 1994

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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<b>Davenport</b>	<b>20</b>	<b>1030CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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Early morning thunderstorms produced flash flooding and caused lightning damage in central Oklahoma. In Oklahoma County up to 2 feet of water flooded Interstate 35 between SE 29th and SE 36th at 0204 am. On North Blackwelder water was reported running into apartments at 0205 am. Water was also covering Edmond Road between Portland and Meridian at 0550 am. 2 cars were stranded in high water at SW 10th and Robinson at 0605 am. Lightning struck a power pole at NE 178th and Choctaw, knocking out power for up to 2 hours.

In Lincoln County roads in Davenport were closed due to high water at 1030 am.

<b>McClain County Purcell</b>	<b>20</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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<b>Cleveland County Norman</b>	<b>20</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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<b>Stephens County Duncan</b>	<b>20</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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<b>Oklahoma County SE Oklahoma City</b>	<b>20</b>	<b>1620CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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An intense, small-scale low pressure center formed during the afternoon of the 20th and produced high winds not associated with thunderstorms across portions of central and south central Oklahoma. In McClain County several power poles were broken and power was knocked out in Purcell. High winds split a tree in Norman in Cleveland County and blew it into a house. In Stephens County power lines were downed, trash dumpsters were turned over, and a tree was downed by Lake Humphreys near Duncan. In Oklahoma County the roof was blown off a mobile home in southeast Oklahoma City.

<b>Lincoln County Near Davenport</b>	<b>21</b>	<b>0534CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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<b>Logan County Near Seward</b>	<b>21</b>	<b>0534CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
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Runoff from thunderstorms in central Oklahoma caused flash flooding in Lincoln and Logan Counties. In Lincoln County SH 66 between Stroud and Davenport was closed due to high water. In Logan County flash flooding of Cottonwood Creek caused Charter Oak, Simpson, and Western Roads to be closed due to high water. Seward Road near Seward was also closed.

## OREGON

<b>Zone 06</b>	<b>01</b>	<b>0600PST- 2400PST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Heavy Snow</b>
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The first of frequent November storms dumped heavy snow on the North Cascade mountains on the first. Santiam Pass reported 14 inches of new snow.

<b>Zone 11</b>	<b>01</b>	<b>0900PST- 02 0900PST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Heavy Snow</b>
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The first storm of the month dumped 6 inches of new snow at Tollgate.

<b>Zones 06 11-13</b>	<b>04</b>	<b>0000PST- 05 0700PST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Heavy Snow</b>
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Another strong Pacific storm dumped heavy snow across Oregon's mountains, Southcentral Oregon, and the lower elevations of Southeastern Oregon. A foot of new snow fell in the Cascades and

## OREGON Cont'd

Northeast mountains, while 6 inches fell in South Central Oregon at Chemult. Burns received 3 inches.

<b>Zones 01-03 06</b>	<b>08</b>	<b>1700PST- 09 0000PST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>High Wind Heavy Snow</b>
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Another winter storm caused high winds along the Coast and on the slopes of Mt. Hood, and dumped more heavy snow in the North Cascades. Gold Beach and Cape Blanco on the South Coast had wind gusts of 81 and 78 mph, respectively. Newport, on the Central Coast, had a gust to 62 mph. A gust to 80 mph was recorded above Timberline Lodge at an elevation of 7,000 feet. Mt. Hood Meadows,

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									a ski area on the east slopes of Mt. Hood, reported 8 inches of new snow.
<b>Zone 06</b>	<b>12</b>	<b>0000PST-2400PST</b>			?	?	?	?	<b>Heavy Snow</b>
									Another Pacific storm dropped up to a foot of new snow on Mt. Hood. Timberline Lodge reported 12 inches and Government Camp had 8 inches.
<b>Zones 02 03</b>	<b>14</b> <b>15</b>	<b>2100PST-0800PST</b>			?	?	?	?	<b>High Wind</b>
									The next November storm blew onshore accompanied by high winds. Cape Blanco reported a gust of 84 mph and Sea Lion Caves had a gust to 60 mph.
<b>Zone 11</b>	<b>15</b>	<b>0600PST-1100PST</b>			?	?	4	?	<b>High Wind Blizzard</b>
									A potent winter storm packed high winds, snow, and blowing snow as it moved across Northeastern Oregon. At Cabbage Hill winds blew at 40 mph with gusts to 58 mph. Visibilities were 0.25 mile in many locations, with blowing snow. Near tollgate winds uprooted a tree and blew it through the roof of a house.
<b>Zones 01 02 04 06 11-13</b>	<b>15</b> <b>17</b>	<b>1600PST-1200PST</b>			?	1	4	?	<b>High Wind Heavy Snow</b>
									High winds and heavy snow accompanied another powerful Pacific storm as it roared across Oregon. Along the Central Coast, Sea Lion Caves reported gusts to 79 mph, Charleston reported gusts to 70 mph, and North Bend and Newport reported gusts to 56 and 58 mph, respectively. Numerous trees were blown down, and the roof was blown off of a motel in Newport. A 96-year-old man was injured when strong winds blew him down near his retirement home in Eugene. The storm then dumped heavy snow on much of the state as it moved eastward. In the Cascades, Crater Lake recorded 3 4 inches of new snow, Diamond Lake 27 inches, and Mt. Hood ski areas reported 15 inches. In South Central Oregon, Chemult received 18 inches. Tollgate, near a ski area in the Northeastern Oregon mountains, received 20 inches. Lower elevation locations in Western Oregon, especially in the foothills of the mountains, received up to 2 inches of snow in places.
<b>Zone 11</b>	<b>25</b>	<b>0000PST-2200PST</b>			?	?	?	?	<b>Heavy Snow</b>
									The mountains of Northeastern Oregon received up to a foot of snow from a storm that skipped the rest of the state. Meacham reported 12 inches of new snow and Spout Springs ski area had 10 inches.
<b>Zone 11</b>	<b>26</b>	<b>0600PST-1700PST</b>			?	?	?	?	<b>Heavy Snow</b>
									The second storm in as many days to affect primarily the Northeast Mountains dropped 10 inches of new snow at Spout Springs, 9 inches at Battle Mountain, and 6 inches at Tollgate.
<b>Zones 06 11 13</b>	<b>26</b> <b>27</b>	<b>2200PST-2200PST</b>			?	?	?	?	<b>Heavy Snow</b>
									Another November storm further increased the by now near-record (for this early in the season) Oregon mountain snowpack. Mt. Hood Meadows tallied 10 inches, Tipton, in the Northeast
<b>OREGON Cont'd</b>									Mountains, reported 8 inches, and Austin, also in the Northeast Mountains, received 6 inches of snow.
<b>Zones 01 02</b>	<b>29</b>	<b>0200PST-1000PST</b>			?	?	?	?	<b>High Wind</b>
									Another Pacific storm caused high winds along the North and Central Coast. Clatsop Spit, off the mouth of the Columbia River on the North Coast, had gusts to 57 mph, as did Sea Lion Caves on the Central Coast. Siuslaw had steady winds of 45 mph and Newport 40 mph.
<b>Zones 01 02 06</b>	<b>30</b>	<b>0400PST-1400PST</b>			?	?	?	?	<b>High Wind</b>

# Storm Data and Unusual Weather Phenomena

November 1994

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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November ended with another strong Pacific storm moving onshore. High winds buffeted the coast with gusts to 68 mph at Sea Lion Caves, 64 mph at Netarts and Siuslaw, and 54 mph at Astoria. Additionally, winds were clocked at the 7,000 foot elevation on Mt. Hood at 79 mpg with a gust to 110 mph.

## PENNSYLVANIA, Eastern

### York County 1 S Hanover

01	1415EST				0	0			Thunderstorm Winds
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Power lines were knocked down by the wind in Penn Township.

### Lebanon County Countywide

01	1450EST-				0	0			Thunderstorm Winds
01	1505EST								

A squall line of severe thunderstorms downed trees and wires throughout the county. Scaffolding was blown over outside a Giant Food Store under construction in the Cleona Square Mall off of U.S. Route 422.

### York County 5 SW York

01	1455EST				0	0			Thunderstorm Winds
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An uprooted tree in North Codorus Township punctured three holes in a house. Elsewhere in the county a downed limb damaged a porch in Shiloh and downed wires resulted in 300 customers losing power in York Haven.

### Lancaster County Northern Half

01	1500EST-				0	0			Thunderstorm Winds 52
01	1515EST								

Severe thunderstorms produced wind gusts to 60 mph at Lancaster Airport. Several trees were uprooted within Lancaster. A couple was trapped, but not injured, within a car by a fallen tree. In Ephrata the wind ripped two sheets of metal measuring six feet by two feet from a lean-to at a lumber company. About 1700 customers lost power.

### Lancaster County 1 SW Pleasant Grove

01	1511EST				1	1			Thunderstorm Winds
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A seventeen year male was killed and his girlfriend was injured when a three foot wide oak tree landed and crushed their vehicle on Cooks Landing Road in Fulton Township. (M17V)

### Chester County 2 SW Nottingham

01	1530EST				0	0			Thunderstorm Winds
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Trees and wires were uprooted in West Nottingham.

### Schuylkill County Western Half

01	1530EST-				0	0			Thunderstorm Winds
01	1545EST								

Thunderstorm winds knocked over trees and power lines in Porter Township, Pottsville and Wayne Townships.

## PENNSYLVANIA, Eastern Cont'd

### Berks County Central

01	1535EST-				0	1			Thunderstorm Winds
01	1545EST								

Severe thunderstorms cut a swath of damage throughout central Berks County from Perry Township south through Reading to Cumru Township. Numerous trees and power lines were downed and resulted in power outages to 4,500 customers. In Centre Township the roof was blown off a vacant house. In Cumru Township a woman was injured on Hickory Road when a tree fell on her car.

### Chester County Unionville Northern Half

01	1540EST				0	0			Thunderstorm Winds 50
01	1545EST-								
01	1600EST				0	0			Thunderstorm Winds

# Storm Data and Unusual Weather Phenomena

November 1994

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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A squall line of severe thunderstorms produced wind related damage throughout a large part of Chester County. In Unionville, a wind gust to 58 mph was recorded. In North Coventry eight 70 foot tall trees were uprooted in a single property. In Lionville a tree crashed into a house under construction. In Phoenixville, several empty pools were blown around resulting in several thousand dollars in damage. In Upper Uwchlan Township a synagogue under construction was damaged.

**Montgomery County Northwest Half**

01	1555EST-								
01	1610EST			0	1				<b>Thunderstorm Winds</b>

A line of severe thunderstorms produced damage throughout the northwest half of Montgomery County. The worst damage (about 75K) was done on the campus of Ursinus College in Collegeville. A large stained glass window was shattered. Shingles were ripped off the roof of Bomberger Hall. About 30 trees were uprooted and damaged several dormitories. Around 100 students were temporarily homeless. Elsewhere in Collegeville a half dozen homes were damaged by the wind and flying containers damaged four cars. In Zieglersville two barns lost their roofs. A child was injured when she was blown off the steps of her house. In Limerick, a 3,600 square foot aluminum storage barn was destroyed and a four horse trailer was toppled. In Trappe two tractor trailers traveling in opposite directions were toppled on Pennsylvania State Route 422. About 7,000 of the 22,000 Philadelphia Electric Company (PECO) outages this afternoon occurred within Montgomery County.

**Berks County Boyertown**

01	1600EST								
				0	0				<b>Thunderstorm Winds</b>

Thunderstorm winds ripped the tin roof off a three story apartment building and caused the brick walls to collapse on the third floor. Most of the remaining debris fell in an alley between apartment buildings. No injuries were reported.

**Carbon County Southern**

01	1600EST								
				0	0				<b>Thunderstorm Winds</b>

Trees were uprooted in Palmerton and East Penn Townships. Pea size hail accumulated on lawns and sidewalks. Leaves, which clogged catch basins, contributed to poor drainage flooding during the thunderstorms.

**Lehigh County Countywide**

01	1615EST								
				0	0				<b>Thunderstorm Winds</b>

Power lines and trees were knocked down throughout the county. Around 6,500 Pennsylvania Power and Light and 4,500 Metropolitan Edison customers lost power throughout the Allentown Metropolitan Areas.

**Monroe County Southeast**

01	1630EST-								
01	1645EST			0	0				<b>Thunderstorm Winds</b>

Dozens of trees were uprooted throughout southeastern Monroe County. In Syndersville, two trees landed and totaled a trailer home. In Saylorburg, a piece of a barn roof was peeled off and hurled 150 feet. Elsewhere in town damaging winds tore a trailer roof and a porch from a house. Five trees fell on one house in Analomink. A roof was blown off in Ross Township. Throughout the county about 2,250 Pennsylvania Power and Light customers lost power.

**PENNSYLVANIA, Eastern Cont'd**

**Northampton County Southeast**

01	1640EST-								
01	1650EST			0	0				<b>Thunderstorm Winds</b>

Severe thunderstorms caused damage in Bethlehem and Forks Townships. In Bethlehem, there were numerous trees and power lines down. The hardest hit areas were located east of the Northampton Community College and the Penn Highway and Sheridan Drive intersection. The wind lifted a wrought iron table and flung it into a neighboring house and punctured five holes in the siding. In Forks Township, the hardest hit area was in the Green Trail area. Trees were snapped. A trailer was pushed across a driveway into a tree and a plastic moisture barrier was ripped off a house.

**PAZ043-044-047-057-061**

04	daylong								
				0	0				<b>Record Warmth</b>

A warm autumn day brought near or record breaking high temperatures throughout Eastern

# Storm Data and Unusual Weather Phenomena

November 1994

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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Pennsylvania. The high temperature of 78 degrees at Avoca and Harrisburg International Airport broke records for the day. The high of 79 degrees in Allentown also broke the daily record. Other high temperatures for the day included 78 degrees in Lancaster, 74 degrees in Williamsport and 73 degrees in Philadelphia.

## Columbia County 2 S Central

06	1900EST				0	0	5K		<b>High Winds</b>
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Damaging wind gusts toppled a 50 to 60 foot tree onto a porch in Sugarloaf Township. Damage to the house and porch was estimated at \$5,000 dollars.

## PAZ037>063-069

23	1530EST-				0	0			<b>First Snow</b>
23	1900EST								

An arctic cold front was preceded and accompanied by snow showers. Accumulations were around an inch in higher terrain and a dusting elsewhere. But the combination of the snow, rapidly plunging temperatures and the high traffic volume that accompanies the Wednesday evening before Thanksgiving resulted in numerous traffic accidents. In the Poconos as many as 100 vehicles were involved in accidents and resulted in five injuries. The westbound lanes of Interstate 80 in Tunkhannock Township were closed for six hours after two buses, a tractor trailer and several cars were involved in an accident.

Farther west in Lycoming and Clinton Counties, more multi-vehicle accidents occurred. In Williamsport alone the slippery roads contributed to a 17 vehicle accident and five injuries on the U.S. Route 15 Spur. In Clinton County in Castanea a six car pile-up occurred after a snow shower on U.S. Route 220 and resulted in 3 injuries.

## PAZ037>047-049> 054-056>059 PAZ048-055-061- 062

27	1500EST-								
27	2130EST				0	0			<b>Freezing Rain and Sleet</b>
27	1500EST-								
27	2100EST				0	0			<b>Winter Storm</b>

An arctic high pressure system over the Northeast over the Thanksgiving Holiday Weekend was sliding off the New England Coast on the 27th. In its wake it left a very cold and dry air mass behind. As warmer air started to return and ride over this air mass, a mixture of snow, sleet, freezing rain and rain developed over most of Eastern Pennsylvania. Aside from the local Philadelphia area, surface temperatures remained below freezing for a long enough period to make roadways very slippery.

The precipitation stayed a mixture of sleet and freezing rain the longest in the Lehigh Valley and Eastern Poconos. In Northampton County state police responded to over 40 accidents. A Salisbury Township (Lehigh County) State Police Officer described the evening tour as "a night from hell". Pennsylvania State Route 33 was closed for over two hours along the Northampton and Monroe County border. Most precipitation changed over to just rain by 10 pm on the 27th.

While the precipitation remained an icy mixture for a shorter time throughout the rest of Pennsylvania, there were still some accidents reported. An 11 vehicle pile-up closed U.S. Route 15 for more than three hours in Upper Allen Township in Cumberland County. Near Harrisburg a tractor trailer nearly skidded into the Susquehanna River after it jackknifed on an icy patch on a bridge.

## PENNSYLVANIA, Eastern Cont'd

PAZ037>071	monthlong				0	0			<b>Unseasonably Warm</b>
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November 1994 ranked as one of the ten warmest months on record at every National Weather Service Office in Eastern Pennsylvania. In Philadelphia November (51.7 degrees) 1994 was the fourth warmest on record. It also was the fourth warmest November on record at both Avoca (47.4 degrees) and Williamsport (45.6 degrees). It was the third warmest November on record at both Allentown (48.0 degrees) and Harrisburg (49.0) degrees.

## PENNSYLVANIA, Western

Butler County 4 W Mars	01	0325EST			0	0	0	0	<b>Thunderstorm Winds</b>
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Trees were downed by thunderstorm winds.

PAZ001>036	06	0700EST-							
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# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Western Pennsylvania</b>		<b>2000EST</b>			<b>0</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>High Winds</b>
A storm system over the Ohio Valley deepened and rapidly moved northeast into southern Ontario. High winds from this storm swept across western Pennsylvania resulting in downed trees and powerlines. Wind gusts of 40 to 50 miles an hour were officially observed at regional airports. There were unofficial reports of gusts to around 60 miles an hour. In Armstrong County (6 miles east of Kittanning), three workers were injured, two critically, when high winds blew over a section of a microwave tower.									
<b>PAZ023-030-032, Indiana Westmoreland Fayette</b>	<b>21</b>	<b>0200EST-0600EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
Downslope southeasterly winds over the Laurel Mountains caused widespread damage over Fayette, Westmoreland, and Indiana Counties. Wind gusts of 60 to 80 miles an hour were observed. The highest reported gust was 76 miles an hour at the Indiana County Airport. Around 15,000 homes were without electricity. Numerous trees and powerlines were downed. In Fayette County, several barns were damaged.									
<b>PAZ002-003-007-008-009 Erie Crawford Mercer Venango Forest</b>	<b>23</b> <b>24</b>	<b>1800EST-0000EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Six to eight inches of snow fell inland of Lake Erie. Numerous vehicle accidents were reported as this was the first significant snow of the season.									
<b>PAZ001&gt;036 Western Pennsylvania</b>	<b>27</b> <b>28</b>	<b>2000EST-1500EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Winds</b>
A fast moving cold front, associated with a deepening low pressure system over the western Great Lakes, moved east across Pennsylvania. Downslope southeasterly winds over the Laurel Mountains caused widespread damage during the evening of the 27th from Indiana County southward into Westmoreland and Fayette. A peak wind gust of 75 miles an hour was observed at the Indiana County Airport. A roof was ripped from a mobile home in Fayette county, along with downed trees and powerlines. With the passage of the front on the 28th wind gusts ranged from 40 to 60 miles an hour causing additional damage to trees and powerlines.									
<b>RHODE ISLAND</b>									
<b>RIZALL</b>	<b>02</b>	<b>0800EST-1700EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
Strong northwest winds in the wake of a cold front frequently gusted to 50 mph or more. There were widely scattered reports of downed trees and tree limbs. Also, there were scattered power outages.									
<b>RIZALL</b>	<b>06</b> <b>07</b>	<b>2100EST-1200EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
<b>RHODE ISLAND Cont'd</b>									
A strong low pressure system centered over northern Maine generated a strong northwest wind flow across the state. Numerous branches along with a few trees and power lines were knocked down.									
<b>SOUTH CAROLINA</b>									
<b>Greenwood Co, Greenwood</b>	<b>02</b>	<b>0400EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Winds toppled a tree into an apartment building causing significant damage to building.									
<b>Aiken Co, North Augusta</b>	<b>10</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>	<b>0</b>	<b>Lightning</b>
Lightning during a late afternoon thunderstorm destroyed a North Augusta apartment.									
<b>Colleton County</b>	<b>29</b>	<b>1544EST</b>			<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Hail(0.75)</b>



# Storm Data and Unusual Weather Phenomena

November 1994

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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## 3SE Walterboro

### SOUTH DAKOTA

<b>SDZ024-027&gt;029- Black Hills</b>	<b>03 04</b>	<b>0900MST- 0300MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
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Heavy snow fell over the black hills of South Dakota with heaviest reported accumulations of 11 inches at Custer and 10 inches at Deadwood.

**SDZ001-002-012-013-  
024-025**

<b>Northwestern SD, Northern Black Hills</b>	<b>17 18</b>	<b>1200MST- 0600MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
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Locally heavy snow fell over Northwestern South Dakota and the northern Black Hills. Heaviest accumulations were 13 inches at Lead, 12 inches at Deadwood and northeast of Redig, and 10 inches at Camp Crook.

**SDZ040-050-054>056-  
058>070-  
Southeastern SD**

	<b>18</b>	<b>0400CST- 1700CST</b>			<b>0</b>	<b>0</b>	<b>.05M 0</b>	<b>High Wind(50 mph)</b>
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Strong winds gusting to over 50 mph caused mostly minor damage. However, two semi-trailer trucks were overturned by the winds near opposite ends of Fort Randall Dam near Pickstown.

**SDZ004>011-016>023-  
034>040-048>070-  
Eastern SD**

	<b>27 28</b>	<b>0400CST- 0400CST</b>			<b>0</b>	<b>0</b>	<b>0.1M 0</b>	<b>Heavy Snow</b>
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Widespread heavy snow fell over the eastern half of South Dakota. Peak accumulations were 10 inches at Sioux Falls, 9 inches at Howard and near Canton, and 8 inches at several locations. Damage resulted mainly from numerous minor traffic accidents.

### TENNESSEE

**Trousdale County  
Bethpage**

	<b>04</b>	<b>1600CST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
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A man was injured by a lightning strike while working in his back yard.

**Shelby County  
Memphis**

	<b>05</b>	<b>0920CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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A few houses were damaged. A plate glass window was blown out at a department store. One mobile home was blown off its foundation. A structure designed to withstand winds of up to 70 mph was damaged. Numerous trees, tree limbs and power lines were blown down.

**Fayette County  
Galloway**

	<b>05</b>	<b>0940CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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Several trees were blown down.

### TENNESSEE Cont'd

**Tipton County  
Detroit**

	<b>27</b>	<b>1400CST</b>	<b>.5</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tornado (F1)</b>
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A house was destroyed by a small tornado which briefly touched down. Several vehicles and two 12-row planters were damaged.

**Wayne County  
2 NNE Clifton**

	<b>27</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
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A few trees were knocked down.

**Lauderdale and  
Crockett Counties**

	<b>27</b>	<b>1430CST- 1450CST</b>	<b>16</b>	<b>100</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>Tornado (F3)</b>
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The tornado first touched down about one mile west of the town of Woodville in Lauderdale County. The tornado then continued northeast in Crockett County. The towns of Chestnut Bluff and Crockett

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<p>Mills were the hardest hit. One woman was killed as the tornado struck her house. Three other persons were injured. Twenty-seven homes were destroyed and eleven others were damaged. Several vehicles were destroyed as well. F75H</p>									
<b>Weakley County Latham</b>	27	1505CST- 1520CST	6	300	0	2	6	0	<b>Tornado (F3)</b>
<p>The tornado started about one mile southwest of Latham and travelled northeast. Twenty-one homes were damaged. Three houses and three mobile homes were completely destroyed. Numerous barns, sheds and outbuildings were damaged or destroyed.</p>									
<b>Shelby and Fayette Counties</b>	27	1515CST- 1550CST	16	200	3	25	7	0	<b>Tornado (F3)</b>
<p>The tornado started just southwest of Germantown and moved northeast through the eastern part of Shelby County and then continued into the northwest part of Fayette County. Three persons were killed in Germantown when the tornado struck a home where 16 people had gathered for a family reunion. Twenty-five persons were injured in the Germantown area. Overall, 28 homes were destroyed and 300 other homes were damaged. Houston High School was badly damaged and a nearby church sustained significant damage. Thirty utility poles were blown down along with a several trees. Two mobile homes were destroyed in Fayette County. M44H,M11H,M48H</p>									
<b>Gibson County Humboldt</b>	27	1610CST			0	0	3	0	<b>Thunderstorm Wind</b>
<p>Several power lines were blown down.</p>									
<b>Henry County 5 N Paris</b>	27	1610CST			0	0	2	0	<b>Hail (1.75)</b>
<b>Henry County Paris</b>	27	1610CST			0	0	4	0	<b>Thunderstorm Wind</b>
<p>Numerous trees and power lines were knocked down.</p>									
<b>Haywood County Forked Deer</b>	27	1615CST			0	0	3	0	<b>Thunderstorm Wind</b>
<p>Several homes received minor damage and some sheds, barns and trees were blown down.</p>									
<b>Stewart County Bumpus Mills</b>	27	1635CST	2	50	0	0	4	0	<b>Tornado (F0)</b>
<p>Four mobile homes were damaged. Some roof damage occurred as well. A few power poles were blown down as well.</p>									
<b>Henderson County Lexington</b>	27	1730CST			0	0	3	0	<b>Thunderstorm Wind</b>
<p>Several trees were blown down.</p>									
<b>TENNESSE Cont'd</b>									
<b>Lewis County Gordonsburg</b>	27	1915CST			0	0	3	0	<b>Thunderstorm Wind</b>
<p>A few trees were knocked down.</p>									
<b>Williamson County Burwood</b>	27	1930CST			0	0	4	0	<b>Thunderstorm Wind</b>
<p>Ten structures were damaged and five others were destroyed.</p>									
<b>Lewis County S Portion</b>	27	1930CST- 2130CST			0	0	4	0	<b>Flash Flooding</b>
<p>Two bridges were washed out and several other bridges were damaged as 5.00 inches of rain fell in a two day period.</p>									

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<b>Williamson County Fairview</b>	27	1930CST-2130CST			0	0	3	0	<b>Flash Flooding</b>
									A few roads were closed by flood waters.
<b>Williamson County Fairview</b>	27	2000CST			0	0	3	0	<b>Lightning</b>
									A house caught fire by a lightning strike.
<b>Maury County Columbia</b>	27	2000CST			0	0	2	0	<b>Hail (1.50)</b>
<b>Davidson County Nashville</b>	27	2030CST			0	0	4	0	<b>Thunderstorm Wind</b>
									Several large tree limbs fell on top of some power lines knocking out power to about 500 homes.
<b>Maury County Columbia</b>	27	2045CST			0	0	3	0	<b>Thunderstorm Wind</b>
									Three large trees were blown down on to electrical transformers.
<b>Sumner County Gallatin</b>	27	2100CST-2300CST			0	0	3	0	<b>Flash Flooding</b>
									Several families had to be evacuated as rising flood waters threatened their trailer homes. Numerous roads were temporarily closed due to flood waters.
<b>Macon County Bradley Hollow</b>	27	2230CST			0	0	4	0	<b>Flash Flooding</b>
									A bridge was washed out and three people were evacuated.
<b>Greene County Greeneville</b>	28	0300CST			0	0	2	0	<b>Thunderstorm Wind Hail</b>
									A few small trees were blown down with winds measured between 40 and 50 mph.
<b>Carter County Elizabethton</b>	28	0400CST			0	0	2	0	<b>Thunderstorm Wind</b>
									A large tree was blown down.
<b>TEXAS, Panhandle</b>									
									None reported.
<b>TEXAS, Northern</b>									
<b>Johnson County 4 S Burlison</b>	03	1420CST			0	0	0	0	<b>Hail (0.88)</b>
<b>Lillian</b>	03	1429CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Dallas County Garland</b>	03	1528CST			0	0	0	0	<b>Hail (0.75)</b>
<b>Garland</b>	03	1528CST			0	0	0	0	<b>Thunderstorm Wind (G56)</b>
<b>Hunt County Caddo Mills</b>	03	1645CST	Short	Narrow	0	0	4	0	<b>Tornado (F0)</b>
									A brief tornado touchdown knocked down a barn.
<b>Campbell</b>	03	1710CST	Short	Narrow	0	0	0	0	<b>Tornado (F0)</b>
									A brief tornado touchdown was reported.
<b>Greenville Airport</b>	03	1725CST			0	0	0	0	<b>Thunderstorm Wind (G70)</b>

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Commerce</b>	<b>03</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
<b>Lone Oak</b>	<b>03</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>6 E Quinlan</b>	<b>03</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Delta County</b>									
<b>7 SW Cooper</b>	<b>03</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Cooper</b>	<b>03</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Cooper</b>	<b>03</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A utility pole was blown down by high winds.
<b>Horton</b>	<b>03</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A utility pole was blown down by high winds in the extreme southwest corner of Delta County.
<b>Rains County</b>									
<b>Point</b>	<b>03</b>	<b>1810CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Hopkins County</b>									
<b>6 S Cumby</b>	<b>03</b>	<b>1825CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Lamar County</b>									
<b>Paris</b>	<b>03</b>	<b>1856CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G57)</b>
									A wind gust to 66 mph was reported on the airport observation at 1856 CST.
<b>Deport</b>	<b>03</b>	<b>1940CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Red River County</b>									
<b>Dimple Hill</b>	<b>03</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A house was unroofed and another building severely damaged by high winds.
<b>Wichita County</b>									
<b>Wichita Falls</b>	<b>04</b>	<b>0640CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Clay County</b>									
<b>Dean</b>	<b>04</b>	<b>0710CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Wilbarger County</b>									
<b>Near Vernon</b>	<b>04</b>	<b>0830CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Wichita County</b>									
<b>Burkburnett</b>	<b>04</b>	<b>1130CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Hardeman County</b>									
<b>Acme</b>	<b>04</b>	<b>1450CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.88)</b>
									Severe thunderstorms in western North Texas moved through the Red River counties, producing hail up to the size of quarters. Heavy rain covered several streets in Burkburnett in Wichita County with up to 8 inches of water.
<b>Cass County</b>									
<b>3 E Hughes</b>	<b>04</b>	<b>1525CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Springs</b>									Trees were blown down by high winds.
<b>TEXAS, Northern Cont'd</b>									
<b>8 NE Hughes</b>									
<b>Springs</b>	<b>04</b>	<b>1540CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A barn was unroofed by high winds.
<b>Lanier</b>	<b>04</b>	<b>1705CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>NW Cass County</b>	<b>04</b>	<b>2155CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Secondary roads were flooded.
<b>Harrison County</b>									
<b>5 SE Harleton</b>	<b>04</b>	<b>1620CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Kaufman County</b>									
<b>Mabank</b>	<b>04</b>	<b>1645CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and signs were damaged by high winds.
<b>Terrell</b>	<b>04</b>	<b>2255CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
<b>6 SE Terrell</b>	<b>04</b>	<b>2315CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Marion County</b>									
<b>3 SW Jefferson</b>	<b>04</b>	<b>1650CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>3 SW Jefferson</b>	<b>04</b>	<b>1650CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Freestone County</b>									
<b>1 E Teague</b>	<b>04</b>	<b>1700CST</b>	<b>Short</b>	<b>Narrow</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
									A brief tornado touchdown was reported.
<b>Turlington</b>	<b>04</b>	<b>1715CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Young</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds in Northeast Freestone County.
<b>Van Zandt County</b>									
<b>Phalba</b>	<b>04</b>	<b>1712CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Canton</b>	<b>04</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds caused roof damage to a building.
<b>2 N Wills Point</b>	<b>04</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>3 N Edom Countywide</b>	<b>04</b>	<b>1905CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
	<b>04</b>	<b>1905CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Several rural roads were flooded and parts of Interstate 20 was under water.
<b>1 N Wills Point</b>	<b>04</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
									High winds blew a truck off a road.
<b>Countywide</b>	<b>04</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Between 6 pm and 1130 pm, 6 to 8 inches of rain fell across the county causing significant flash flooding.
<b>4 N Wills Point</b>	<b>04</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
<b>TEXAS, Northern Cont'd</b>									
									A truck was blown off the highway by high winds.
<b>Wood County</b>									
<b>Yantis</b>	<b>04</b>	<b>1720CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Yantis</b>	<b>04</b>	<b>1720CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>7 SE Quitman</b>	<b>04</b>	<b>1845CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									Trees were blown down at the Lake Holly Ranch.
<b>Winnsboro Countywide</b>	<b>04</b>	<b>2205CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
	<b>04</b>	<b>2205CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Several bridges were washed out and numerous farm-to-market roads were flooded.
<b>Taylor County</b>									
<b>Abilene</b>	<b>04</b>	<b>1728CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G59)</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									Television station KTXS reported wind gusts to 68 miles an hour.
<b>View</b>	<b>04</b>	<b>1730CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds caused roof damage.
<b>Abilene</b>	<b>04</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down across town by high winds.
<b>Jones County</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
<b>14 W Hawley</b>	<b>04</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G68)</b>
<b>8 E Hawley</b>									
<b>Hopkins County</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>6 W Sulphur</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Springs</b>									Trees were blown down by high winds.
<b>6 W Sulphur</b>	<b>04</b>	<b>1740CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Springs</b>									
<b>Cumby</b>	<b>04</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Anderson County</b>	<b>04</b>	<b>1750CST</b>	<b>1.5</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Tornado (F1)</b>
<b>Cayuga</b>									An elementary school was unroofed and a bus barn was destroyed by a tornado. Three homes were also damaged or destroyed. Damage was estimated at \$255,000.
<b>Cayuga</b>	<b>04</b>	<b>2040CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A house was unroofed by high winds.
<b>Callahan County</b>	<b>04</b>	<b>1830CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
<b>Baird</b>									
<b>Coleman County</b>	<b>04</b>	<b>1850CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Coleman</b>									
<b>Navarro County</b>	<b>04</b>	<b>1857CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
<b>Corsicana</b>									Several low water crossings were flooded, stranding cars in an underpass.
<b>Smith County</b>	<b>04</b>	<b>1915CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>5 N Tyler</b>									Trees were blown down by high winds.
<b>Titus County</b>	<b>04</b>	<b>1917CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
<b>Mt. Pleasant</b>									
<b>TEXAS, Northern Cont'd</b>									
									Several cars were stranded due to high water on roads.
<b>Mt. Pleasant</b>	<b>04</b>	<b>2103CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Loop 271 around town was closed due to high water. Some intersections had water up to car windshields.
<b>Countywide</b>	<b>04</b>	<b>2250CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Numerous trees were downed across the county by high winds.
<b>Countywide</b>	<b>04</b>	<b>2349CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Numerous county roads were closed by high water. Mt. Pleasant had 6.48 inches of rain from 5 pm to 1149 pm.
<b>Camp County</b>	<b>04</b>	<b>1940CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
<b>Harvard</b>									

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									Highway 271 was closed by high water.
<b>4 SE Pittsburg</b>	<b>04</b>	<b>2230CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Three trees were blown down by high winds at Highway 259 and FM 557.
<b>Leesburg</b>	<b>04</b>	<b>2230CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Six to ten inches of rain produced widespread flash flooding.
<b>Brown County Brownwood</b>	<b>04</b>	<b>1945CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									Tree limbs and power lines were blown down by high winds.
<b>Morris County 5 S Daingerfield</b>	<b>04</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									Trees were blown down by high winds.
<b>North Texas</b>									During the evening hours, a line of strong thunderstorms had moved into the western parts of North Central Texas. Just after 830 pm a bow-echo developed on the south end of the line in Southern Comanche County and began accelerating rapidly to the northeast, sometimes reaching speeds of 70 miles an hour. During the next several hours a series of bow echos produced wind damage from Hamilton County northeastward across Bosque, Johnson, Ellis, Dallas, Collin, Rockwall, Hunt, and Delta Counties.
<b>Hamilton County Hamilton</b>	<b>04</b>	<b>2049CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Hico</b>	<b>04</b>	<b>2055CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Bosque County Cranfills Gap</b>	<b>04</b>	<b>2100CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down by high winds.
<b>San Saba County San Saba</b>	<b>04</b>	<b>2100CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									Trees were blown down by high winds.
<b>Lampasas County Lometa</b>	<b>04</b>	<b>2105CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
<b>Somerville County Glen Rose</b>	<b>04</b>	<b>2106CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Hood County 6 S Granbury</b>	<b>04</b>	<b>2110CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Johnson County Cleburne</b>	<b>04</b>	<b>2131CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Joshua</b>	<b>04</b>	<b>2136CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>TEXAS, Northern Cont'd</b>									
<b>Hill County Itasca</b>	<b>04</b>	<b>2143CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A house was unroofed and several mobile homes were blown over.
<b>Hillsboro</b>	<b>04</b>	<b>2205CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down by high winds.
<b>Bowie County New Boston</b>	<b>04</b>	<b>2150CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Rain amounts measuring 5.6 inches fell in 4 hours closing a highway in New Boston.
<b>Ellis County Maypearl</b>	<b>04</b>	<b>2150CST</b>			<b>0</b>	<b>17</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds blew down power poles at the Maypearl football stadium injuring 17 people. Power lines were blown down in Maypearl.

## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>2 S Waxahachie</b>	<b>04</b>	<b>2150CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Power lines were blown down along Interstate 35.
<b>1 W Waxahachie</b>	<b>04</b>	<b>2150CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A mobile home was damaged by high winds just west of Waxahachie.
<b>5 NW Waxahachie Waxahachie</b>	<b>04</b>	<b>2154CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
	<b>04</b>	<b>2157CST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									An apartment complex in Waxahachie was heavily damaged. Total damage in Ellis County was estimated at \$5 million.
<b>Red Oak</b>	<b>04</b>	<b>2200CST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds damaged or destroyed 82 homes and 19 businesses. Damage was estimated at \$3 million.
<b>McLennan County West</b>	<b>04</b>	<b>2155CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Power lines were blown down by high winds.
<b>Henderson County 12 SW Athens</b>	<b>04</b>	<b>2200CST</b>	<b>2.0</b>	<b>30</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>Tornado (F1)</b>
									An apparent anti-cyclonic tornado with a very narrow path destroyed a mobile home, did roof damage to houses, blew down power lines, and damaged cars from flying debris in Cross Roads. A church was moved off its foundation. Damage was estimated at over \$25,000.
<b>Dallas County Mesquite</b>	<b>04</b>	<b>2210CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Garland</b>	<b>04</b>	<b>2215CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Power lines were blown down by high winds.
<b>Franklin County 2 NW Scroggins</b>	<b>04</b>	<b>2240CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown onto a county road between Scroggins and Clearwater.
<b>Rockwall County Rockwall Royse City</b>	<b>04</b>	<b>2240CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
	<b>04</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Five mobile homes were destroyed, 13 sustained major damage, 42 mobile homes sustained minor damage, and power lines were blown down by high winds. Damage was estimated at \$816,000.
<b>TEXAS, Northern Cont'd</b>									
<b>Collin County Royse City</b>	<b>04</b>	<b>2250CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down in the northern part of Royse City in the extreme southeast corner of Collin County.
<b>Josephine</b>	<b>04</b>	<b>2300CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm wind (52)</b>
<b>Hunt County 5 S Caddo Mills</b>	<b>04</b>	<b>2310CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Mobile homes were damaged by high winds at the Picadilly Trailer Park near Interstate 30 and FM 1565.
<b>8 NE Greenville 3 NE Commerce</b>	<b>04</b>	<b>2316CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G63)</b>
	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A tree was blown down across Highway 24 on the Hunt/Delta county line.



## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Rains County Point</b>	<b>04</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by thunderstorm winds.
<b>Fannin County Ladonia</b>	<b>04</b>	<b>2335CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Delta County 7 W Cooper</b>	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>7 W Cooper</b>	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds blew the roofs off two out buildings.
<b>4 SW Cooper</b>	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Roofs were damaged and trees were blown down by high winds.
<b>11 SW Cooper</b>	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A tree was blown down across Highway 24 on the Hunt/Delta county line.
<b>Countywide</b>	<b>04</b>	<b>2358CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Flooding was reported on some Farm-To-Market roads and in Cooper.
<b>Hopkins County Sulphur Springs</b>	<b>05</b>	<b>0020CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Saltillo</b>	<b>05</b>	<b>0055CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Franklin County Mt. Vernon</b>	<b>05</b>	<b>0035CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Titus County 6 SE Talco</b>	<b>05</b>	<b>0100CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down onto a road.
<b>Bowie County De Kalb</b>	<b>05</b>	<b>0145CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									Trees were blown down by high winds between De Kalb and Beaver Dam.
<b>Upshur County Ore City</b>	<b>05</b>	<b>0230CST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Four homes were destroyed, 20 to 30 homes damaged, and numerous trees were downed across the county by high winds. Damage was estimated at \$500,000.
<b>TEXAS, Northern Cont'd</b>									
<b>8 SE Gilmer</b>	<b>05</b>	<b>0230CST</b>			<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Mobile homes were damaged by high winds. There were two minor injuries.
<b>Smith County Wright City</b>	<b>05</b>	<b>0230CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Three houses were damaged by high winds.
<b>Gregg County Longview</b>	<b>05</b>	<b>0240CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees blown down by high winds, blocked some streets. There was also roof damage from falling trees.
<b>Rusk County 7 N Henderson</b>	<b>05</b>	<b>0255CST</b>			<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A 3-week old child was killed and two persons sustained minor injuries when a mobile home was

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									rolled by high winds and heavily damaged. Roofs were partially blown off two houses and a barn was damaged. Damage was estimated at over \$25,000. M01M
<b>Tatum</b>	<b>05</b>	<b>0300CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down by high winds.
<b>Harrison County Hallsville</b>	<b>05</b>	<b>0300CST</b>			<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
									One mobile home was heavily damaged and two persons were injured by high winds. There was also considerable tree damage. Damage was estimated at over \$20,000.
<b>Marshall</b>	<b>05</b>	<b>0305CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Numerous trees and power lines were blown down by high winds. Trees were blown down onto at least 30 homes causing over \$100,000 damage.
<b>Scottsville</b>	<b>05</b>	<b>0305CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down by high winds.
<b>4 S Scottsville</b>	<b>05</b>	<b>0310CST</b>			<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds blew trees down onto a road causing 5 car accidents and 2 injuries.
<b>Elysian Fields</b>	<b>05</b>	<b>0315CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									High winds blew a tree down onto a house.
<b>Waskom</b>	<b>05</b>	<b>0320CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
									Trees were blown down by high winds just north of town.
<b>Cass County 5 SW Linden</b>	<b>05</b>	<b>0300CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A barn was damaged and numerous trees were blown down by high winds.
<b>4 SW Atlanta</b>	<b>05</b>	<b>0305CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds onto Highway 43.
<b>1 E Avinger</b>	<b>05</b>	<b>0314CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees and power lines were blown down onto Highway 49 east of Avinger.
<b>Marion County Jefferson</b>	<b>05</b>	<b>0310CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
									Trees blown down by high winds blocked Highway 47 east of Jefferson.
<b>4 WNW Jefferson TEXAS, Northern Cont'd</b>	<b>05</b>	<b>0310CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
<b>Shelby County 2 E Tenaha</b>	<b>05</b>	<b>0310CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Paxton</b>	<b>05</b>	<b>0310CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>Panola County Lake Murvaul</b>	<b>05</b>	<b>0315CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Numerous trees were blown down along Lake Murvaul to west-southwest of Carthage.
<b>Shelby County Timpson</b>	<b>05</b>	<b>0328CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
									A barn was damaged and some trees were blown down by high winds.
<b>Grayson County</b>									

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Sherman</b>	<b>14</b>	<b>1800CST</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									A 73-year-old woman drowned as she and her husband were attempting to cross a flooded road on Highway 1417 west of the airport. Their car was swept off a bridge and into a creek. F73V
<b>Denison</b>	<b>14</b>	<b>0912CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Numerous streets were closed due to high water.
<b>Sherman</b>	<b>14</b>	<b>1400CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Major flooding occurred in Sherman and Denison with numerous creeks and highways flooded.
<b>Wise County Newark</b>	<b>14</b>	<b>1228CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Rodgers Road Bridge near Newark was blocked by high water.
<b>Denton County Denton County</b>	<b>14</b>	<b>1840CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									There were numerous reports of closed roads and creeks going out of their banks.
<b>Collin County Collin County</b>	<b>14</b>	<b>1840CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									There were numerous reports of closed roads and creeks going out of their banks.
<b>Fannin County Bonham</b>	<b>14</b>	<b>2225CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Boise d Arc Creek went out of its banks, flooding city streets.
<b>Wichita County Wichita Falls</b>	<b>20</b>	<b>0054CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G56)</b>
<b>Wichita Falls</b>	<b>20</b>	<b>0055CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind</b>
									A severe thunderstorm produced winds up to 64 mph and blew away a shed at Wichita Falls High School.
<b>Wise County Bridgeport</b>	<b>20</b>	<b>0435CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flooding</b>
									Highway 380 was closed by high water from Runaway Bay to Bridgeport.
<b>Tarrant County Fort Worth</b>	<b>20</b>	<b>0600CST</b>	<b>1.2</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Tornado (F0)</b>
									A brief tornado produced intermittent damage along a 1.2 mile path in southwest Fort Worth between 600 and 630 am. Large tree limbs were broken, numerous wood fences were blown down and a school had major damage to a composition roof. Total damage was \$60-70,000.
<b>TEXAS, Northern Cont'd</b>									
<b>Fort Worth</b>	<b>20</b>	<b>0600CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									A downburst 5.5 miles northeast of the track of the first storm between 600 and 630 am peeled off a large section of a house roof and carried it 100 yards. Minor damage occurred to surrounding homes. Total damage was \$10-20,000.
<b>Harrison County Karnack</b>	<b>27</b>	<b>1208CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G57)</b>
<b>Panola County 8 NW DeBerry</b>	<b>27</b>	<b>1225CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
									Trees were blown down by high winds.
<b>TEXAS, Southern</b>									
<b>Travis County 3 WSW Austin</b>	<b>04</b>	<b>2355CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Thunderstorm Wind (G57)</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<p>Wind gusts to 57 knots were reported by KVUE-TV. Gusts between 40 and 45 knots were reported across much of Travis County.</p>									
<b>Edwards County Rocksprings</b>	<b>04</b>	<b>2130CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>3K</b>	<b>Hail (1.00)</b>
<p>Reported by the sheriff's department.</p>									
<b>Real County Leakey</b>	<b>04</b>	<b>2234CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>	<b>3K</b>	<b>Hail (0.75)</b>
<p>Reported by the sheriff's department.</p>									
<b>Kerr County Kerrville</b>	<b>04</b>	<b>2302CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>3K</b>	<b>Hail (0.75)</b>
<p>Reported by the police department.</p>									
<b>Hardin County 1.5 NNW Sour Lake</b>	<b>05</b>	<b>0645CST</b>	<b>2.0</b>	<b>700</b>	<b>0</b>	<b>1</b>	<b>3K</b>	<b>0</b>	<b>Tornado (F2)</b>
<p>A tornado touched down 1.5 miles NNW of Sour Lake and moved toward the northeast for 2 miles, crossing State Highway 326 in the process. It tracked across open fields and the only damage was to trees and fencing along the path. The tornado path averaged around 50 yards wide, increasing to nearly 0.5 miles wide at one point. The tornado was viewed by several hunters, one of whom was slightly injured when she was blown out of her stand as it passed nearby.</p>									
<b>Lee County 1 N Blue</b>	<b>05</b>	<b>1830CST</b>	<b>2.0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>10K</b>	<b>0</b>	<b>Tornado (F2)</b>
<p>A trailer home was destroyed 1 mile north of the town of Blue. The tornado lifted the mobile home and dropped it 25 feet away. A 13-year old boy was eating supper in the mobile home alone as the tornado struck. He described a sound "like a freight train", with the trailer beginning to rock back and forth. He remembered hitting the floor and ceiling as the mobile home was rolled over and destroyed. He was found uninjured amid the debris. At 1845CST the Sheriff's Department reported trees downed just southeast of Blue.</p>									
<b>Hays County San Marcos</b>	<b>06</b>	<b>0015CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>	<b>3K</b>	<b>Hail (0.75)</b>
<p>Hail up to 0.75 inch reported by sheriff's office with winds estimated at over 60 mph.</p>									
<b>Bastrop County Bastrop Countywide</b>	<b>06</b>	<b>0020CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>3K</b>	<b>Thunderstorm Wind</b>
	<b>06</b>	<b>0030CST- 0200CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>5K</b>	<b>Flash Flooding</b>
<p>Winds estimated at over 60 mph knocked down several trees near Bastrop. The combination of strong winds and wet highways caused one vehicle to be washed off a road. Five inches of rain was</p>									
<b>TEXAS, Southern Cont'd</b>									
<p>produced by the storm, causing flash flooding across numerous county roads. Most of the damage from the storm was due to the washing out of roads.</p>									
<b>Caldwell County Lockhart</b>	<b>06</b>	<b>0020CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Clouds</b>
<p>Several funnel clouds were sighted by the sheriff's office. None touched down.</p>									
<b>TEXAS, Western</b>									
<b>Fisher County Roby</b>	<b>04</b>	<b>1655CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Nolan County Sweetwater</b>	<b>04</b>	<b>1715CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Irion County Mertzon</b>	<b>04</b>	<b>1725CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Tom Green County SJT</b>	<b>04</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G64)</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Severe thunderstorms occurred from San Angelo to near Abilene. The strongest recorded wind was at the NWS office at Mathis Field in San Angelo (74 mph) although no damage was reported. In Irion County, the sheriff's office estimated 65 mph winds at Mertzon.									
<b>Lynn County</b>									
<b>Tahoka</b>	<b>19</b>	<b>1815CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Ector County</b>									
<b>2 NE Odessa</b>	<b>19</b>	<b>2006CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Thunderstorm Wind (G65)</b>
<b>Midland County</b>									
<b>MAF</b>	<b>19</b>	<b>2009CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>10 E MAF</b>	<b>19</b>	<b>2020CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Martin County</b>									
<b>2.5 SSE Ackerly</b>	<b>19</b>	<b>2035CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind (G70)</b>
<b>Howard County</b>									
<b>6 NNW Knott</b>	<b>19</b>	<b>2037CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind (G70)</b>
<b>Knott</b>	<b>19</b>	<b>2038CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Ector County</b>									
<b>10 S Odessa</b>	<b>19</b>	<b>2042CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Martin County</b>									
<b>8 WNW Stanton</b>	<b>19</b>	<b>2043CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Stanton</b>	<b>19</b>	<b>2045CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Borden County</b>									
<b>Gail</b>	<b>19</b>	<b>2050CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Midland County</b>									
<b>6 SE Midland</b>	<b>19</b>	<b>2100CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>Ector County</b>									
<b>1 W Odessa</b>	<b>19</b>	<b>2210CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
<b>Odessa</b>	<b>19</b>	<b>2211CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Midland County</b>									
<b>Midland</b>	<b>19</b>	<b>2238CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Midland</b>	<b>19</b>	<b>2239CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>Martin County</b>									
<b>10 W Stanton</b>	<b>19</b>	<b>2300CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>6 N Stanton</b>	<b>19</b>	<b>2300CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Wind</b>
<b>8 W Stanton</b>	<b>19</b>	<b>2302CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>Howard County</b>									
<b>Knott</b>	<b>19</b>	<b>2315CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Hail (1.00)</b>

There were numerous reports of severe weather in the Permian Basin on the evening of the 19th. Severe thunderstorms moved across Odessa, causing a swath of damage that tore sections of roofs off mobile homes, a church, and a high school, as well as downing many power lines. Other unsecured mobile homes were tumbled by the winds. A 6-ton trailer was overturned in a parking lot, then pushed on its side 30 feet. The damage began near Odessa College and spread east and north 3 to 4 miles. Elsewhere, a wind gust to 60 mph was recorded by the NWS at Midland International Airport, and wind damage was sustained at 8 residences 10 miles east of the airport.

## TEXAS, Western Cont'd

at 2020 CST. One home near Ackerly lost three-fourths of its roof. The storm that caused that damage then moved into Howard County where main transmission lines were downed along U.S. Highway 87 by strong outflow winds. Dime- to nickel-size hail was reported in Odessa, Midland and near Stanton, with quarter-size hail reported at Knott in Howard County.

**TXZ027>045**  
**South Plains**

**20 0930CST-**  
**1430CST**                      **0 0 4 0**                      **High Wind**

Strong west winds whipped across parts of West Texas, with high winds occurring across most of the South Plains. The wind caused a gas pump canopy at a Seminole (Gaines County) convenience store. The canopy landed on a car that had just been fueled and was occupied by a mother and two children. No one was injured, but \$10,000 in damages resulted. Elsewhere, wind gusts to 55 knots (63 mph) were recorded by the NWS at Lubbock International Airport, with a gust to 52 knots (60 mph) reported in Plainview (Hale County). The high winds also caused blowing dust, with visibilities reduced to 0.5 mile at times.

## UTAH

**UTZ-010-**

**01- 1600MST**                      **0 0 0 0**                      **Heavy Snow**

## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									November 1994
UTZ-003-	03-	1600MST							
	02-	0300MST			0	0	0	0	Heavy Snow
	03-	0200MST							
UTZ-004-005- 006-007-011-	02-	1600MST			0	0	0	0	Heavy Snow
	03-	1600MST							
UTZ-008-012-013-	03-	0500MST			0	0	0	0	Heavy Snow
	03-	1600MST							

A strong winter storm moved into northern Utah early on the second. Grantsville picked up 6 inches between 3 am and 1:40 pm. Between 3" and 7" fell during the day in the Salt Lake valley. In northern Utah, more than 80 auto accidents were reported to the highway patrol. Dry Fork Canyon (north of Vernal) measured 7.5" between 5 pm and 10:30 pm. In the northern mountains, Solitude picked up 12" in less than 24 hours. The storm moved into southern and eastern Utah overnight. By mid morning on the third, Milford and Meadow received 12". Kanosh reported 18" by mid morning and picked up another 6" during the daylight hours. In southwest Utah, Brian Head measured 9" overnight and Modena 18".

UTZ-010-	11-	1600MST			0	0	0	0	Heavy Snow
	13-	2130MST							
UTZ-011-	11-	1600MST			0	0	0	0	Heavy Snow
	13-	1600MST							
UTZ-003-	13-	0700MST			0	0	0	0	Heavy Snow
	13-	1200MST							

The second winter storm of the month moved into the state. Mountain snow started late night on the 11th, and increased in intensity on the 12th. Alta picked up 17" in 24 hours ending the morning of the 13th. Storm totals at Alta 41" and Snowbird 33". Rain changed to snow in the northwest valleys midday on the 12th. Early on the 13th, lake effect snow developed east and south of the Great Salt Lake and continued through mid afternoon. Many east side Salt Lake valley locations receive d between 6 and 9 inches through mid morning on the 13th, and storm totals between 10" and 19". In the southern mountains, Brian Head measured 20" as a storm total.

UTZ-010-	16-	0500MST			0	0	0	0	Heavy Snow
	19-	1000MST							
UTZ-011-	16-	0500MST			0	0	0	0	Heavy Snow
	19-	0500MST							
UTZ-003-	16-	1600MST			0	0	0	0	Heavy Snow
	18-	0500MST							
UTZ-001-002- 004-007-	17-	1600MST			0	0	0	0	Heavy Snow
	19-	1000MST							
UTZ-008-012- 013-	17-	1600MST							
	19-	1600MST							

### UTAH Cont'd

The third winter storm of the month moved into the state and Stayed a while. Northern mountain reports the morning of the 16th included 11" overnight at Solitude and 6" at Park City. Later that afternoon, reports from the Park City area included 1 to 2 feet with 3 foot drifts. In the Salt Lake valley, between 3" and 6" fell during the afternoon. The storm expanded into southern and eastern Utah during the 17th, and morning reports on the 18th included 24" new at Enterprise, 19" new at Brian Head, and 12" in Cedar City. Dry Fork canyon received 9" new. The evening of the 18th Duck Creek Village measured 24" for the day and 33" storm total. The storm moved out of the state late on the 19th, after dropping 9" new in Monticello. Storm totals included 48" at Alta, 40" at Snowbird, 21" in Cedar City, 19" in Fillmore, and 17" at Bryce Canyon.

UTZ-010-	25-	1600MST			0	0	0	0	Heavy Snow
	28-	1600MST							
UTZ-003-	25-	1600MST			0	0	0	0	Heavy Snow
	26-	1345MST							
UTZ-011-	26-	0500MST			0	0	0	0	Heavy Snow
	26-	2200MST							
UTZ-006-007-	26-	1000MST			0	0	0	0	Heavy Snow
	26-	1600MST							

# Storm Data and Unusual Weather Phenomena

November 1994

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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A blitzkrieg snowstorm followed a cold front into northern Utah the night of the 25th. Tooele received 6 inches between 9 pm and midnight. By 5 am on the 26th snowfall amounts included 9" at Solitude, and 5" to 6" at many Salt Lake valley locations. In southern Utah, Milford received 8" between 8 am and 9:45 am, and Brian Head 8-10". The snow all but stopped across the southern half of the state on the 26th and decreased in intensity across most of the north. The Wasatch mountains however received heavy snow through the period. Storm totals from the 25th through the 29th include Alta 92", Snowbird 64", Snyderville 16", Snowbasin 30".

At the months end, new November monthly snowfall records were set at NWSFO SLC (new 33.3"- old 27.2" set in 1985), Alta Guard UDOT (new 206"- old 172.5" set in 1988), and Snowbird (new 150."- old 130" set in 1988).

## VERMONT

<b>VTZ008</b>	<b>02</b>	<b>2100EST- 2200EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind(G50)</b>
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A strong pressure gradient developed across Vermont on November 2nd resulting in high winds at Montpelier in Washington County. Although no damage was reported the wind gusted to 50 knots at Montpelier at 2100 EST.

<b>Statewide</b>	<b>04 05</b>	<b>PM- PM</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Record Heat</b>
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High pressure along the Atlantic Coast was responsible for pumping a southerly flow of unseasonably mild air into the Northeast resulting in record high temperatures across Vermont. Burlington set a record high low as the temperature only fell to 53 degrees on November 4th. This broke the previous record which was 52 degrees set in 1987. Montpelier set a record high on November 5th as the temperature reached 70 degrees which broke the previous record of 67 degrees set in 1948.

<b>VTZ013</b>	<b>06 07</b>	<b>2200EST- 0600EST</b>			<b>0</b>	<b>0</b>	<b>0.5K</b>	<b>0</b>	<b>High Wind</b>
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A strong pressure gradient developed ahead of and behind a low pressure system which moved from the eastern Great Lakes on the morning of November 6th to the Canadian Maritimes on the morning of November 7th. As a result high winds downed a few trees in Sunderland in Bennington County.

<b>VTZ006</b>	<b>21</b>	<b>1400EST- 1600EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind</b>
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A strong pressure gradient formed across Vermont on the 21st of November between a low pressure system in the central Great Lakes and a high pressure system in the Canadian Maritimes. A spotter reported a wind gust of 80 mph in Pleasant Valley in Lamoille County at 1503 EST.

## VERMONT Cont'd

<b>VTZ012-014</b>	<b>27 28</b>	<b>2100EST- 1200EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>	<b>0</b>	<b>Heavy Mix</b>
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A combination of snow and freezing rain resulted in a few automobile accidents across Windham and Windsor Counties as 4 to 6 inches of snow and 0.25 to 0.50 inch of ice combined to create treacherous conditions. The mixed precipitation resulted from a low pressure system which moved northeast through the Great Lakes region during the early morning hours of November 28th. Some specific snowfall amounts included 6.5 inches at West Wardsboro, 6.0 inches at Ball Mountain, 4.7 inches at Ludlow, 4.2 inches at Vernon and 4.0 inches at West Dover.

## VIRGINIA

<b>Shenandoah Co</b>	<b>01</b>	<b>1215EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Tstm Wind</b>
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One tree was blown down near the Burnshire Dam in along the N. Fork Shenandoah River Valley.

<b>Frederick Co Stephens City</b>	<b>01</b>	<b>1215EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(0.75)</b>
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<b>Frederick Co Stephens City</b>	<b>01</b>	<b>1230EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(1.50)</b>
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Dime-to ping pong ball sized hail fell in Stephens City. Thunderstorm wind gusts as high as 65 mph

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									were also reported.
<b>Madison Co</b>	<b>01</b>	<b>1315EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
									Several reports of minor wind damage were reported in the county.
<b>Warren Co</b>	<b>01</b>	<b>1315EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
									Several trees were knocked down on route 619. Dime-sized hail was also reported.
<b>Prince William Co Southeast portion</b>	<b>01</b>	<b>1320EST- 1330EST</b>			<b>0</b> <b>0</b>	<b>0</b> <b>0</b>	<b>3</b> <b>2</b>	<b>0</b> <b>0</b>	<b>Tstm Wind Hail(1.75)</b>
									Thunderstorm winds toppled a large tree in Woodbridge, knocking it onto a series of power poles, leaving 300 customers without power. Golf ball sized hail fell in the Woodbridge area as well.
<b>Fairfax Co Merrifield</b>	<b>01</b>	<b>1320EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(0.88)</b>
									Nickel-sized hail covered the ground at the intersection of federal highway 50 and Gallows Road in Merrifield.
<b>Fauquier Co Goldvein</b>	<b>01</b>	<b>1320EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(0.75)</b>
									Dime-sized hail fell in Goldvein.
<b>Loudoun Co Leesburg</b>	<b>01</b>	<b>1325EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
									Trees were knocked down near Leesburg.
<b>Stafford Co Falmouth</b>	<b>01</b>	<b>1325EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(0.75)</b>
									Dime-sized hail fell at Falmouth.
<b>Arlington Co</b>	<b>01</b>	<b>1330EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
									Trees were knocked down near Chain Bridge in northeast Arlington.
<b>Clarke Co East portion</b>	<b>01</b>	<b>1330EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tstm Wind</b>
									Several trees were knocked down along local routes in eastern Clarke Co.
<b>VIRGINIA Cont'd</b>									
<b>Dinwiddie Co Dinwiddie</b>	<b>01</b>	<b>1332EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tstm Wind</b>
									A 5,000 square foot tin roof sheeting was blown off a warehouse owned by Brown Brothers Roofing in Dinwiddie.
<b>Arlington Co</b>	<b>01</b>	<b>1350EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail(0.75)</b>
									Dime-sized hail fell on Wilson Blvd. in southeastern Arlington Co.
<b>Roanoke Co</b>	<b>01</b>	<b>2150EST- 2350EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Wind(?)</b>
									High winds, gusting between 40 and 50 mph at the Roanoke Airport, blew a large maple tree onto a house on Crystal Creek Drive, nearly destroying the house. The winds occurred behind a strong cold front which early produced severe weather in northern Virginia.
<b>Suffolk</b>	<b>17</b>	<b>1200EST- 1600EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Coastal Flooding</b>
<b>Isle of Wight Co</b>	<b>17</b>	<b>0930EST- 1600EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Coastal Flooding</b>
<b>Virginia Beach</b>	<b>17</b>	<b>1200EST- 18</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Coastal Flooding</b>
<b>Hampton Roads</b>	<b>17</b>	<b>1200EST-</b>							



# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Norfolk	18	1200EST			0	0	3	0	Coastal Flooding
	17	1200EST-							
	18	1200EST			0	0	4	0	Coastal Flooding

Strong easterly flow between Hurricane Gordon, a category 1 storm meandering 150 miles south of Cape Hatteras, and a strong anticyclone over New England, caused significant coastal flooding and damage in the Sandbridge section of Virginia Beach, beginning around noon on Thursday, November 17th. The worst flooding occurred on Friday morning (the 18th), when tides were running up to 4 feet above normal.

The heaviest damage occurred along 14th street, where 100 feet of the fishing pier washed away. Several homes suffered minor damage, with two requiring extra work to remain in place. A 1000-foot stretch of road was damaged, and several protective steel bulkheads were damaged. Seas, which were as high as 18 feet 60 miles east of the Virginia Capes, and 7 feet near the mouth of the Chesapeake Bay, forced the Naval Carrier George Washington to remain 2 miles offshore Thursday night through Friday morning.

The above-normal tides caused other minor flooding in Tidewater. Minor flooding of low-lying areas was reported in the Buckroe area of Hampton Roads. The Nansemond River overflowed its banks in Suffolk, causing minor flooding. High tides on the James and Pagan Rivers, caused several roads to be under water in eastern Isle of Wight County on Thursday.

Halifax Co	21	0848EST		0	0	4	0		Lightning
Henrico Co Richmond	21	1230EST- 1400EST		0	0	3	0		Flash Flooding
Prince George Co Hopewell	21	1230EST- 1400EST		0	0	3	0		Flash Flooding

Heavy thunderstorms dumped 2.3 inches of rain in the Richmond-Petersburg area, causing flash flooding. An automobile was partially submerged near James River High School, and its passengers had to be rescued when water rushed in through an open door. Street flooding occurred in Hopewell, where 2.03 inches of rain fell in a two to three hour period.

Norfolk	21	1430EST- 1600EST		0	0	3	0		Flash Flooding
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Flooding occurred on Tidewater Drive near Government avenue, stranding several automobiles.

## VIRGINIA Cont'd

Augusta Co Fishersville	28	1145EST		0	0	4	0		High Wind
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High winds lifted a modular home off its trailer, causing \$15,000 in damage.

## WASHINGTON

Chelan County	01	0700PST			0	0	0	0	Heavy Snow
									Overnight snowfall in the cascades averaged 2 to 3 feet with one of the heaviest snow in the mountains so far for the upcoming winter.
Kittitas County	01	0700PST			0	0	0	0	Heavy Snow
									Snowfall from the daylong storm averages 2 to 3 feet in the cascades.
Grays Harbor County	01	0940PST- 1400PST			0	0	?	0	High Winds
									An early morning storm brought winds reported up to 73 mph to the coast.
King County	01	0900PST			0	0	?	0	High Winds

Winds were reported 45 to 55 mph in some areas along the Puget Sound with numerous power outages due to fallen tree limbs on power lines.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Mason County</b>	<b>02</b>	<b>0000PST-2400PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
									Twenty-four hour rainfall from an overnight storm brought rain totals near the town of Shelton to 4 inches.
<b>Island County</b>	<b>21</b>	<b>1300PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									Wind reports were recieved of 55 mph in the northern inland waters of northwest Washington.
<b>Skagit County</b>	<b>22</b>	<b>0000PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									An area north of Burlington reported winds up to 70 mph with a local barn blown down.
<b>Whatcom County</b>	<b>22</b>	<b>0000PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									A storm brought 54 mph winds to the area.
<b>Grays Harbor County</b>	<b>30</b>	<b>1300PST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
									Fifty-five mph winds were reported along the coast with a 24 hour rainfall totals over 4.17 inches.
<b>WEST VIRGINIA</b>									
<b>Jefferson Co Kearneysville</b>	<b>01</b>	<b>1255EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstrom Wind</b>
									Small trees were knocked down at the intersection of route 9 and route 480 near Kearneysville.
<b>WVZALL</b>	<b>01-30</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Mild/Dry Pattern</b>
									Monthly average temperatures were 3 to 6 degrees warmer than usual. It was the 2nd warmest November at Beckley, the 6th warmest at Elkins, the 7th warmest at Charleston.
									The dry autumn continued, many communities were 1 to 1.5 inches drier than usual. Brush fires remained an occasional nuisance throughout the month, burning an estimated 20,000 to 30,000 acres. Yet, due to the longer nights, this fire season did not escalate.
<b>WISCONSIN</b>									
<b>WIZ011&gt;013-017&gt;022-029&gt;031-035&gt;045-048&gt;050 West-Central, Central and Northeast Wisconsin</b>	<b>18</b>	<b>0900CST-1500CST</b>			<b>0</b>	<b>1</b>	<b>10K</b>	<b>0</b>	<b>High Wind 48</b>
									An intense low pressure generated wind gusts to 55 mph across west-central, central and northeast Wisconsin. A man was injured when the wind blew a semi-trailer off Interstate 43 near Green Bay (Brown County). A storage facility under construction in Stevens Point (Portage County) was moved off its foundation by the wind. A light pole fell onto a car in La Crosse (La Crosse County). Many trees and tree limbs as well as numerous power lines were also downed.
<b>WIZ001&gt;021-023&gt;033-035 Northwest Wisconsin</b>	<b>27-28</b>	<b>0900CST-0500CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Heavy Snow</b>
									A snowstorm deposited from 6 to 12 inches of snow across much of northwest Wisconsin. The heaviest hit area was far northwest Wisconsin west from Elk Mound (Dunn County) to Island Lake (Rusk County) to Phillips (Price County) where 9 to 12 inches fell. The storm was accompanied by winds up to 50 mph causing near blizzard conditions resulting in numerous accidents and creating hazardous driving conditions. Snowfall totals included 12 inches at Sarona (Washburn County) and 11 inches at Poplar (Douglas County).
<b>Winnebago County Oshkosh</b>	<b>27</b>	<b>1830CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Lightning</b>
									Lightning struck a home in Oshkosh, shattering a concrete sidewalk, taking the top off a yard light and blowing out a front porch window as well as the power in the house.

# Storm Data and Unusual Weather Phenomena

November 1994

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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## WYOMING

<b>WYZ069</b>	<b>01</b>	<b>0200MST-0400MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G59)</b>
An observer 5 miles southwest of Cheyenne reported wind gusts between 60 and 70 miles an hour during the early morning.									
<b>WYZ002</b>	<b>01</b>	<b>0200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G62)</b>
An observer 16 miles southwest of Cody reported a wind gust to 72 miles an hour.									
<b>WYZ004</b>	<b>01</b>	<b>0300MST</b>			<b>0</b>	<b>0</b>	<b>6K</b>	<b>0</b>	<b>High Winds</b>
Strong winds between 50 and 60 miles an hour occurred in Cody during the early morning. The wind blew a metal awning into the front windows of the Generation Gap store. Window and awning damage totaled \$6000.									
<b>WYZ066</b>	<b>01</b>	<b>0300MST-0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
Strong winds of 60 to 70 mph occurred at Buford (20 miles southeast of Laramie) with gust between 70 and 100 mph.									
<b>WYZ015</b>	<b>01</b>	<b>0600MST-1000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G60)</b>
In downtown Casper, winds of 60 to 70 mph occurred during the morning hours.									
<b>WYZ067</b>	<b>01</b>	<b>0730MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G65)</b>
A wind gust of 75 mph was recorded at Bordeaux (10 miles southeast of Wheatland).									
<b>WYZ051</b>	<b>01</b>	<b>0841MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G63)</b>
A wind gust of 72 mph was recorded at the Sheridan Airport.									
<b>WYZ061</b>	<b>01</b>	<b>0930MST-1400MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G53)</b>
The Rawlins Airport reported winds of 40 mph with gusts to 61 mph during the late morning and early afternoon.									

## WYOMING Cont'd

<b>WYZ001-006</b>	<b>01 02</b>	<b>1600MST-0600MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Yellowstone National Park received up to 10 inches of snow overnight. Togwotee Lodge (19 miles ESE of Moran) had a foot of snow.									
<b>WYZ015-059-064</b>	<b>02 03</b>	<b>1200MST-1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
A snowstorm in Casper dumped 12 to 15 inches across the city. Casper Mountain had 12 inches. Arminto (53 miles northwest of Casper) had 10 inches of snow. Dull Center (extreme northeast Converse County) reported 9 inches. Glenrock got 8 inches of snow while Douglas had 6 inches.									
<b>WYZ052</b>	<b>02 03</b>	<b>1800MST-0700MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Snowfall of 7 inches occurred during the night in the Southern Big Horn mountains.									
<b>WYZ001</b>	<b>06 07</b>	<b>0800MST-0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Yellowstone National Park received 5 to 10 inches of snow.									
<b>WYZ001</b>	<b>09 10</b>	<b>1400MST-0000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Yellowstone National Park received 4 to 9 inches of snow with the south entrance getting the heavier amount.									

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>WYZ015</b>	<b>15</b>	<b>1820MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									A wind gust of 60 mph was reported on the southwest side of Casper.
<b>WYZ015</b>	<b>16</b>	<b>0015MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Southwest Casper had wind gusts to 60 mph.
<b>WYZ021</b>	<b>16</b>	<b>0330MST-1330MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Evanston received 6 inches of snow.
<b>WYZ015</b>	<b>16</b>	<b>1230MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Downtown Casper had wind gusts between 60 and 65 mph.
<b>WYZ061-063</b>	<b>16</b> <b>17</b>	<b>1800MST-0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Saratoga received 6 inches of snow overnight. West of Encampment in the Snowy Range mountains, 12 inches of snow was reported.
<b>WYZ050-052</b>	<b>17</b>	<b>0600MST-2300MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Heavy snow fell during the day and into the evening hours. Meadowlark Lodge (39 miles east of Worland) reported a foot of snow. Burgess Junction (28 miles west of Sheridan) reported around 10 inches of snow. Story (16 miles south of Sheridan) received 7 inches of snow.
<b>WYZ069</b>	<b>17</b>	<b>1046MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G66)</b>
									The Cheyenne airport recorded a wind gust of 76 mph. This tied the November record for the highest wind gust ever for the month.
<b>WYZ057</b>	<b>17</b> <b>18</b>	<b>1300MST-0200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									The Black Hills of northeast Wyoming received around 6 inches of snow. Four Corners (16 miles north of Newcastle) got 10 to 12 inches of snow.
<b>WYOMING Cont'd</b>									
<b>WYZ006-007-016-021</b>	<b>25</b> <b>26</b>	<b>1800MST-0700MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									Parts of western Wyoming received heavy snow during the evening into the early morning. Evanston and Jackson reported 6 inches. Teton Pass west of Jackson reported 10 to 12 inches of snow.
<b>WYZ063</b>	<b>26</b>	<b>0800MST-1300MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
									A quick 6 inches of snow fell 20 miles southeast of Saratoga in the Snowy Range mountains.
<b>WYZ066</b>	<b>27</b>	<b>1000MST-1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Winds of 40 to 50 mph with gusts to 65 mph occurred at Buford (20 miles southeast of Laramie) during the late morning.
<b>WYZ004-010-014</b>	<b>29</b>	<b>1300MST-1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Downtown Cody reported wind gusts of 60 to 65 mph around 330 PM. Dubois had wind gusts over 60 mph around 415 PM which caused a loss of power to the city for about 3 hours. Beaver Rim (30 miles southeast of Lander) recorded sustained winds of 40 to 55 mph with gusts to 65 mph during the afternoon and early evening.
<b>WYZ063</b>	<b>29</b>	<b>1400MST-2200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G63)</b>
									Arlington (38 miles northwest of Laramie on the north side of the Snowy Range mountains) had

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									sustained winds of 50 to 60 mph with gusts to 73 miles an hour.
<b>WYZ061</b>	<b>29</b>	<b>1427MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G56)</b>
									The Rawlins airport recorded a wind gust of 64 mph.
<b>WYZ067</b>	<b>29</b>	<b>1545MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Bordeaux (10 miles southeast of Wheatland) recorded sustained winds 40 mph with gusts over 50 mph.
<b>WYZ062</b>	<b>29</b>	<b>1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G69)</b>
									A wind gust to 79 mph was reported at Muddy Gap, which is about 40 miles north of Rawlins.
<b>WYZ015</b>	<b>29</b>	<b>1800MST- 2200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Downtown Casper had wind gusts between 60 and 65 mph during the evening hours.
<b>WYZ069</b>	<b>29</b>	<b>2200MST- 2300MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									An observer 5 miles southwest of Cheyenne recorded wind gusts of 60 mph during that hour.
<b>WYZ014</b>	<b>30</b>	<b>0900MST- 2000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Beaver Rim (30 miles southeast of Lander) had sustained winds of 40 to 50 mph with gusts to 60 mph.
<b>WYZ015</b>	<b>30</b>	<b>0900MST- 1400MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									The city of Casper had sustained winds of 35 to 45 mph with gusts around 60 mph.
<b>WYZ067</b>	<b>30</b>	<b>1000MST- 2330MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Very strong winds occurred at Bordeaux (10 miles SE of Wheatland) most of the day. Sustained
<b>WYOMING Cont'd</b>									
									wind speeds of 40 to 55 mph were recorded with gusts between 65 and 70 mph.
<b>WYZ069</b>	<b>30</b>	<b>1100MST- 2100MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Whitaker (20 miles north of Cheyenne) recorded sustained winds of 40 to 50 mph with gusts to 60 mph.
<b>WYZ004</b>	<b>30</b>	<b>1230MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									Sustained winds of 45 to 50 mph with an isolated gust to 70 mph was reported in downtown Cody.
<b>WYZ010</b>	<b>30</b>	<b>1230MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									An observer in Dubois reported 40 to 50 mph sustained wind speeds.
<b>WYZ069</b>	<b>30</b>	<b>1230MST- 1700MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds</b>
									The Cheyenne area had sustained winds of 35 to 45 mph with gusts around 60 mph.
<b>ALASKA, Northern</b>									
<b>AKZ004-001</b>	<b>02</b>	<b>2100AST</b>			<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>High Wind Blizzard</b>
									High pressure over eastern Russia and a quickly developing low pressure center west of DLG, with the low moving north. System produced high winds over Zone 2 4 and Blizzard Conditions over Zone 1.
<b>AKZ007</b>	<b>04</b>	<b>1015AST</b>			<b>0</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>

# Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		November 1994 Character of Storm
					Killed	Injured	Property	Crops	
									Strong north winds produced upslope flow over north slopes of Alaska Range. Four to six inches of snow reported at 5EA and BIG.
<b>AKZ024-005</b>	<b>04</b>	<b>2200AST</b>			<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>High Wind Blizzard</b>
									Storm over western Bering Sea produced high winds in channeled areas of Zone 5 and across Zone 24. Blizzard conditions also accompanied the high winds over Zone 24.
<b>AKZ024-005</b>	<b>08</b>	<b>0700AST</b>			<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>High Wind Blizzard</b>
									Strong storm in Bering Sea. Associated weather front moved northeast over areas, producing high winds over Zone 24 and blizzard conditions over Zone 5.
<b>AKZ004-007-008 AKZ024</b>	<b>09</b>	<b>0300AST</b>			<b>0</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow Blizzard</b>
									Weather front from strong storm over western Bering Sea moved across Alaska producing heavy snow over Zones 8 and 4 and Zone 7 from FAI west. The low center then moved east to MCG, first causing high winds over Zone 24, and then heavy snow in places over Zone 7 west of BIG.
<b>AKZ024-005</b>	<b>14</b>	<b>1200AST</b>			<b>0</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>High Wind Blizzard</b>
									Strong storm moved from the Bering Sea to OTZ producing high winds over Zone 24 and blizzard conditions over Zone 5.
<b>AKZ001-003-004 AKZ007-008</b>	<b>16</b>	<b>1600AST</b>			<b>0</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow Blizzard</b>
									Strong storm moved from the central Aleutians to the Northeast Arctic Coast in 36 hours. System produced heavy snow over Zones 3, 4, 8 and Zone 7 from FAI west. Blizzard conditions developed over Zone 1 after the low pressure center moved north of the Brooks Range.
<b>AKZ005-006-024 AKZ001</b>	<b>24</b>	<b>1400AST</b>			<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>Blizzard High Wind</b>

## ALASKA, Northern Cont'd

									Storm moved northeast over the Bering Sea and intensified, producing blizzard conditions over Zones 24, 6, and possibly Zone 5. Stationary high pressure over the Arctic Ocean and a leeside trough over the eastern Brooks range produced high winds over Zone 1 BTI ewd toward the end of the storm's life.
<b>AKZ001</b>	<b>28</b>	<b>0530AST</b>			<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
									Low pressure moving east across Arctic Ocean while high pressure built into Brooks Range, causing high winds over Zone 1 east of Flaxman Island.
<b>AKZ005</b>	<b>29</b>	<b>1700AST</b>			<b>0</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>Blizzard</b>
									A Weather Front moved east across the Chukchi Sea toward high pressure over interior Alaska , causing blizzard conditions to develop over channeled areas of the Lower Kobuk Valley.

## ALASKA, Southern

**Aleutians  
Bristol Bay  
Ak Peninsula  
Anch. hillside**

<b>01- 04</b>					<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind and high tides</b>
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A low moved northeast between Adak and Dutch Harbor and deepened to 986mbs by 3pm Tuesday (11/1). By 3pm Wednesday (11/2), the low moved slowly northeast as an intense 960mb center. Gale to storm (38+) mph winds were observed over the open water of the north and west Gulf of Alaska, the Kodiak Island waters, western Bristol Bay, the Alaska Peninsula and the extreme eastern Aleutians. On Thursday (11/3), a frontal low intensified to 958mbs and moved into the central Kenai Peninsula at 3am, then weakened to 963mbs and moved to near Hinchinbrook Island at 3p m Thursday. the low then looped southeast to 150 miles south of Yakutat as a 972mb center 3p m Friday. Additionally tides from 6-8 feet were reported along the Bering Sea side of the Alaska

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Peninsula. Peak winds at reporting land stations were...									
Place	Date(s)						Peak winds (in mph)		
Dutch Harbor	2, 3						56, 61		
Adak				2				54	
Shemya	1, 2						61, 55		
Saint Paul Island	2, 3						59, 55		
Sand Point	1, 2						59, 56		
Cold Bay	2, 3						63, 61		
King Cove (@ Peter Pan fish processing plant)	2, 3						105		
King Cove (on hill near airport)	2, 3						Unofficial 135		
Bethel	1, 2						46, 47		
King Salmon	2, 3						55, 55		
Togiak	2, 3						50, 50		
Port Heiden	2, 3						73, 61		
Iliamna	3, 4						48, 51		
Kodiak	2, 3, 4						51, 79, 68		
Sitkinak	2, 3, 4						79, 69, 76		
Middleton Island	2, 3						58, 46		
Cordova (city)	3						Estimated 58+		
Whittier	2, 3						58, 58		
<b>Aleutians</b>									
<b>Bering Sea</b>	4- 5				0	0	?	?	<b>High wind</b>
	A 965mb low moved into the western Bering Sea with storm winds (55+ mph) in the waters of the central Aleutians and gale to storm winds (38+) mph in the central Bering Sea. The low weakened to 977mbs and moved into the north-central Bering by 3pm Saturday (11/5).								
<b>Southwest Ak</b>	8				0	0	?	?	<b>High wind/blizzard/freezing rain..high tides</b>
<b>ALASKA, Southern Cont'd</b>									
A strong arctic front passed through the Yukon-Kuskokwim Delta. Peak winds reached 51 mph at Bethel, 52 mph at Cape Romanzof, 44 mph at saint Mary's, 46 mph at Emmonak, and 56 mph at Cape Newenham. Visibilities were frequently below 1/4 mile in snow and blowing snow across the area. Tides at Bethel were 3-4 feet above normal as a result of a storm surge.									
<b>Ak Peninsula, Bristol Bay</b>									
<b>Kodiak Island, Aleutians</b>	9- 10				0	0	?	?	<b>High wind</b>
<b>Middleton Island</b>									
	A frontal low developed into a 983 mb center near Cold Bay 3pm Wednesday (11/9), then dissipated as a 972mb center near Skwentna Wednesday night. A new low developed on the front and moved to near Hinchbrook as a strong 966mb center 9am Thursday (11/10), then into Valdez Arm as a 968mb center by 3pm Thursday. Gale to storm winds (38+ mph) were observed over coastal areas of Kodiak Island, the Alaska Peninsula and around Bristol Bay. Winds at Middleton Island gusted 67 mph on Thursday.								
<b>Homer</b>									
<b>Seldovia</b>	10				0	0	?	?	<b>High tides</b>
	Highest tides of the year coupled with onshore winds washed away picnic tables at Seldovia, put Nanwalek's airstrip under water, flooded Bishop's Beach in Homer and undercut as much as 3 feet of roadway from the Homer Spit Road.								
<b>Kodiak</b>	10				0	0	?	?	<b>High wind</b>
	A strong low in Valdez Arm looped back into the northern gulf of Alaska, bringing winds up to 78 mph at Kodiak (airport).								
<b>Anchorage</b>	11				0	0	?	?	<b>Heavy snow</b>

# Storm Data and Unusual Weather Phenomena

November 1994

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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A low in Valdez Arm Thursday looped back into the northern Gulf of Alaska. Snowfall of up to 10 inches was reported along the Anchorage hillside.

**Bering Sea, Aleutians  
Ak Peninsula,  
Pribilofs**

<b>10-12</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
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A strong 968mb low moved into the west central Bering Sea Thursday (11/10) then to Saint Lawrence Island as a 982 mb center 3pm Friday (11/11). Peak winds at reporting land stations from this storm were 63 mph on Thursday and 53 mph on Friday. Peak winds at Adak reached 55 mph on Thursday and 47 mph on Friday. At Saint Paul, in the central Bering Sea, winds reached 56 mph on Friday and 46 mph on Saturday (11/12). Winds at Cold Bay reached 48 mph on Saturday.

**Bering Sea, Aleutians  
Pribilofs, Alaska Peninsula  
Kodiak Island  
Middleton Island**

<b>13-16</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind and high tides</b>
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At 3pm Sunday (11/13) a 984mb low moved into the southwest Bering Sea. It then deepened to an intense 969mb low and moved to 180 miles southwest of Gambell at 3pm Monday (11/14) then to near Ambler in the northwest Alaskan interior weakening to 992mbs on Tuesday (11/15). The front moved eastward through Norton Sound, the southwest Alaskan interior and Bristol Bay Monday. Peak winds at Shemya from this system were 62 mph on Sunday and 60 mph on Monday. At Adak winds reached 51 mph on Wednesday (11/16). At Cold Bay winds reached 48 mph on Saturday (11/12), 47 mph on Sunday and Monday and 47 mph on Tuesday. At Saint Paul, highest winds were 60 mph on Monday, 46 mph on Tuesday and 56 mph on Wednesday. At Kodiak winds reached 47 mph on Tuesday and 48 mph on Wednesday (11/16). At Middleton Island winds reached 74 mph on Tuesday. Winds gusted to 53 mph at Port Heiden on Tuesday. Additionally, tides along the Alaska Peninsula (Bering side) were reported between 6 and 8 feet.

## ALASKA, Southern Cont'd

**Anchorage  
Alaska Peninsula  
Southwest Alaska**

<b>16-17</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
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A frontal low deepened to 975mbs and moved northeast to near Saint Paul Island at 3pm Wednesday (11/16), to Saint Michaels in Norton Sound at 3am Thursday (11/17), then weakened to 983mbs near Huslia in the north central Alaskan Interior at 3pm Thursday. Peak winds at Cold Bay reached 51 mph on Wednesday. At Bethel winds reached 46 mph on Wednesday and 51 mph on Thursday. Winds along the Anchorage hillside gusted to 48 mph on Wednesday and 61 mph during the morning of Thursday. Unofficial reports had winds gusting 96 mph along the hillside. A fallen light pole on the Glenn Highway caused traffic to be rerouted.

**Middleton Island**

<b>17-19</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
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Low pressure in the eastern interior, combined with strengthening high pressure over the Alaska Range produced wind gusts of 61 mph Thursday (11/17), 58 mph on Friday (11/18), and 56 mph on Saturday (11/19).

**Kodiak Island  
Anchorage**

<b>21-24</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind and heavy snow</b>
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A 988mb low moved to Kodiak at 3pm Sunday (11/20) then deepened to 974mbs and moved to Hinchbrook Island (at the entrance to Prince William Sound) 9am Monday (11/21). The low then looped southeast and slowly weakened in the northeast Gulf of Alaska. Cold high pressure built into the northwest and west coast of Alaska from Russia by 3pm Wednesday (11/23). Winds at the Kodiak airport reached 77 mph on Monday, 76 mph on Tuesday (11/22), 52 mph on Wednesday and Thursday (11/24). Highest wind reported in the Kodiak area was 82 mph, causing some shingle damage, power outages and at least one tree that fell onto an automobile. Heavy snow fell around



# Storm Data and Unusual Weather Phenomena

November 1994

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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Anchorage with between 2 and 3 1/2 feet of new snow reported along the hillside area from Turnagain Arm into Eagle River (Hiland Road).

**Srnl 1/3rd Ak mainland  
Bering Sea  
Aleutians**

22-26					0	0	?	?	<b>Record cold and high wind</b>
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Strengthening high pressure covered mainland Alaska as a low deepened and moved northeast toward Attu (along the western Aleutian chain) Wednesday (11/23). By 3pm Thursday (11/24), cold and strong high pressure was established across the northern Alaska interior (around 1040mb center), while the low deepened to 973mbs and moved into the central Bering Sea by 3pm Thursday (11/24). On Friday (11/25), the high exited into the Northwest Canadian Territories. The Bering Sea low, down to 966mbs, moved toward Saint Matthew Island, then weakened to 986mbs Saturday (11/26). Winds at Adak reached 56 mph on Tuesday (11/22) and 46 mph on Wednesday. Winds reached 46 mph at Cold Bay on Friday and 50 mph on Saturday. At Saint Paul Island winds reached 60 mph on Friday and 54 mph on Saturday. At Shemya winds reached 61 mph on Wednesday and 47 mph on Thursday. At Whittier, along the west side of Prince William Sound, winds reached 46 mph on Tuesday, 61 mph on Wednesday, 63 mph on Thursday, 52 mph on Friday and 53 mph on Saturday.

**Kodiak Island  
Prince William Sound**

29-30					0	0	?	?	<b>High winds</b>
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High pressure built into the north central Alaskan interior. Winds increased due to "channeling" across much of Kodiak Island and areas adjacent to Prince William Sound. High winds of 51 mph were recorded at Kodiak on Wednesday (11/30). At Valdez wind gusts reached 61 mph on Tuesday (11/29) and 69 mph on Wednesday, closing the Port of Valdez to oil tanker traffic.

**ALASKA, Southeast**

Data not received.

**HAWAII**

<b>Hawaii HIZ004</b>	11	1500HST			0	0	0	0	<b>Heavy Snow High Wind</b>
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A mid and upper level low pressure system moving slowly westward about 200 miles south of the Hawaiian Islands spread moisture over the island of Hawaii. Four to six inches of snow was reported above the 11,500 feet elevation of Mauna Kea. Astronomers reported drifts as high as 5 feet with 50 to 60 mph winds in the vicinity of the observatories at the summit.

<b>Hawaii HIZ004</b>	15	2000HST			0	0	3	0	<b>Heavy Rain</b>
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An upper level low center northwest of the Hawaiian Islands enhanced showers embedded in strong low level trade wind flow. Windward and mountain parts of the island received heavy rains. 24 hour totals through 2000 HST included Mountain View 5.26 inches, Glenwood 4.03 inches, Waiakea Uka 4.82 inches, and Piihonua 4.66 inches. 48 hour totals for Waiakea Uka and Piihonua were 8.93 and 8.12 inches, respectively. Secondary roads were closed in the Hilo and Puna Districts, and the Ala Waena Road was closed in Waiakea-Uka where a footbridge was constructed by county workers so families could access their homes.

<b>Hawaii HI004 Maui HI003</b>	16				0	0	3	0	<b>Heavy Rain</b>
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Upper level low center just north of the islands moving slowly toward the northeast, with a surface trough reflected over center of the state. Heavy rains continued over windward and mountain sections of Hawaii and developed over east Maui. Hamakua, Hilo, and Puna Districts of Hawaii reported streams at bankfull with minor road washouts. The roadway on the north shore of east Maui to Hana was temporarily closed due to heavy runoff.

**PACIFIC**

<b>American Samoa</b>	12	2000HST			0	0	?	?	<b>Heavy Rain</b>
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A convergence zone associated with a moist unstable airmass produced heavy showers and thunderstorms over the area. Western parts of American Samoa received nearly 7 inches of rain in

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
									6 hours. Minor flooding was reported.
<b>PUERTO RICO</b>									
<b>Sabana Grande</b>	<b>02</b>	<b>1825AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Small Stream Urban Flood</b>
									A small stream was reported out of its banks at San Felipe.
<b>San German</b>	<b>02</b>	<b>1840AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Small Stream Urban Flood</b>
									A small stream went out of its banks at Mimillas Road 56, flooding several houses.
<b>Guayanilla</b>	<b>04</b>	<b>1500AST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Flash Flood Landslide</b>
									Three houses at the Barrio Magas Abajo, sector La Joya suffered minor flooding. A mudslide was reported at El Monte, the main road had a mudslide and was impassable. Villas del Rio sector also suffered minor street flooding. A mudslide was reported at Barrio Santa Maria.
<b>Ponce</b>	<b>04</b>	<b>1330AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain Urban Flood</b>
									Substantial flooding was reported in the streets of Ponce. Radio station "EL Senorial" reported 2.5 inches in 30 minutes.
<b>Caguas</b>	<b>06</b>	<b>1225AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Urban Flood</b>
									Street flooding reported at road 765 intersection 163, km 1.2, sector was impassable, road 763 was reported partially impassable.
<b>Luquillo</b>	<b>06</b>	<b>1115AST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Flash Flood</b>
									Tropical wave moving across Puerto Rico produced locally heavy rains across the extreme east and northeast section. Several houses were reported with water inside the carports at Barriada Fortuna
<b>PUERTO RICO Cont'd</b>									
									due to river Mameyes 1 overflowing its banks. Road 193 was impassable.
<b>Ceiba</b>	<b>07</b>	<b>2238AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Urban Flood</b>
	<b>07</b>	<b>2240AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Landslide Urban Flood</b>
<b>Rio Grande</b>	<b>07</b>	<b>2248AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
	<b>07</b>	<b>2320AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>River Flood</b>
									Upper level low pressure trough interacted with a tropical wave south of Puerto Rico and produced showers and thunderstorms, some with very heavy rain fall across the east and northeast section. Road 2 was reported flooded in Ceiba at Urbanization Las Vegas, road 975 totally impassable due to heavy rains. A landslide along road 3 caused a roadside embankment to fall near a small stream blocking the water path. At Rio Grande river Dajao was reported 12 inches below flood stage. River Fajardo and Espiritu Santo were reported out of their banks at 2320AST.
<b>Naguabo</b>	<b>08</b>	<b>0015AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>River Flood</b>
									Several roads were reported impassable because El Cano P creek overflowed its banks.
<b>Hatillo</b>	<b>08</b>	<b>0831AST</b>			<b>0</b>	<b>0</b>	<b>.5K</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Six zinc sheets were lifted off the roof of a house.
<b>Naguabo</b>	<b>08</b>	<b>1215AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>River Flood</b>
									The Cano La Fe was reported out of its banks at road 973 at Los Muros sector. River Daguao was reported out of its banks along road 3. River was reported out of its banks in front of Alberto Colber Industries, sector Roberto Rivera at road 192.
<b>Luquillo</b>	<b>08</b>	<b>1635AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Landslide</b>
									A landslide was reported at road 990.

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<b>Canovanas</b>	<b>08</b>	<b>1650AST</b>			<b>0</b>	<b>0</b>	<b>.5K</b>	<b>0</b>	<b>Urban Flood</b>
									Two houses were reported flooded due to rains and poor drainage at Villa Hugo.
<b>PRZ004-</b>	<b>08</b>	<b>1630AST</b>			<b>0</b>	<b>0</b>	<b>.5K</b>	<b>0</b>	<b>Flash Floods</b>
	<b>08</b>	<b>1738AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Floods</b>
									A bridge collapsed on road 101 from Lajas to Cabo Rojo. Many areas were reported flooded. A house at Monte Grande Callejon de los Pozos at Cabo Rojo was flooded. Downed power lines at Cerro Alto road 392.
<b>Toa Baja</b>	<b>08</b>	<b>1826AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Urban Floods</b>
									Several places in the municipality were reported flooded like road 167 in front of Pituza stores, and road 866 intersection 165. In Levittown urbanization, third section, the Paseo Conde an Condado, as well as the marginal road was flooded. At Toa Baja Barrio Ingenio, the Furnia sector was flooded.
<b>Manati</b>	<b>09</b>	<b>PM</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Urban Floods</b>
									Due to the rains 12 to 15 houses were flooded at Guayaney, principal road number 43.
<b>Yabucoa</b>	<b>10</b>	<b>1345AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									A tree fell over telephone lines at Barrio Guayabotas and Calabazas, road 182.
<b>Fajardo</b>	<b>10</b>	<b>1345AST</b>			<b>0</b>	<b>0</b>	<b>.5K</b>	<b>0</b>	<b>Urban Floods</b>
									A house was flooded at Monte Brisas urbanization, road 101. Several streets at Barrio Bebe Calzada were flooded EL Conquistador, Monte Brisa, street B at Barrio Obrero, and Barrio Quebrada Huertas.
<b>Luquillo</b>	<b>10</b>	<b>1432AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Floods</b>
									Several places were affected by flood waters. At Roosevelt street a resident was evacuated since his house was totally flooded. At the St. Martin urbanization, road 940, a house was reported flooded.
<b>PUERTO RICO Cont'd</b>									
<b>Naguabo</b>	<b>10</b>	<b>1359AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Floods</b>
									Road 970 at Barrio Duque, Maizal sector was impassable. Also, road 31 from La Fe sector towards Pitina, and road from Naguabo to Juncos was impassable. Road 3 leading to Naguabo was impassable. River Naguabo was reaching flood stage.
<b>PRZ01-</b>	<b>19</b>	<b>PM</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Heavy Rain Small Stream Urban Flood</b>
									Strong rains in the metropolitan area caused widespread highway flooding and traffic congestion. Rains flooded the Villa Nevares sector, where several cars were inundated, at least one up to the roof. A small stream went out of its banks flooding a house, and threatening several others. At Barrio Obrero, Caracas St. several houses were flooded, families were evacuated. The Betances street at Villa Palmeras was flooded. The Monte San Patricio avenue and the Nemesio R. Canales housing project was affected by the flood waters of river Puerto Nuevo near the Hiram Bithorn Stadium. At Ocean Park Santurce, Teniente Rivera street was reported flooded.
<b>VIRGIN ISLANDS</b>									
<b>St. Croix</b>	<b>03</b>	<b>1734AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									A waterspout was reported by a pilot around 17 miles north of St. Croix.
<b>St. Croix</b>	<b>05</b>	<b>1704AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									A waterspout was reported by a pilot around 45 miles northwest of St. Croix
<b>St. Thomas</b>	<b>18</b>	<b>1415AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									A waterspout was reported by a pilot 10 miles west of St. Thomas.
<b>St. Thomas</b>	<b>18</b>	<b>1718AST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									Two waterspouts were reported by a pilot 14 miles west and 9 miles southwest of St. Thomas.

## Storm Data and Unusual Weather Phenomena

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

November 1994

<b>St. Thomas</b>	25	0750AST			0	0	0	0	<b>Waterspout</b>
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A waterspout was reported by a pilot around 8 miles north of St. Thomas.

# Storm Data and Unusual Weather Phenomena

November 1994

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

## LATE REPORTS

### MAY 1994

#### FLORIDA

##### **Broward County Coral Springs**

02	1245EST				0	0	0	0	<b>Funnel Clouds</b>
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Several funnel clouds were sighted by Coral Springs Police.

##### **Monroe County 3 E Key West**

03	0645EST				0	0	0	0	<b>Waterspout</b>
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National Weather Service observer sighted a waterspout.

##### **Liberty County Rock Bluff**

03	1305EST				0	0	0	0	<b>Hail (1.75) Thunderstorm Winds</b>
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A thunderstorm produced golf ball-size hail, downed trees and damaged the roof to a mobile home near Rock Bluff.

##### **Jackson County Cottondale**

03	1315EST				0	0	0	0	<b>Hail (0.75)</b>
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Three-quarter inch hail reported by the public.

##### **Lake County 8 S Leesburg**

03	1400EST				0	0	0	0	<b>Funnel Cloud</b>
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Florida Highway Patrol reported a funnel cloud eight miles south of Leesburg.

##### **Gadsden County Gretna**

03	1405EST				0	0	0	0	<b>Hail (0.88)</b>
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Nickel-size hail reported near Gretna.

##### **Sumter County N Bushnell**

03	1410EST				0	0	0	0	<b>Hail (1.75)</b>
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Sheriff's office reported golf ball-size hail.

##### **Marion County Ocala**

03	1415EST				0	0	3	0	<b>Thunderstorm Winds</b>
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Several trees were blown down. One tree damaged the roof of an apartment building and another fell onto an automobile.

##### **Gadsden County Quincy**

03	1420EST				0	0	0	0	<b>Thunderstorm Windss</b>
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Several trees were blown down in Quincy.

##### **Sumter County Bushnell**

03	1430EST				0	0	2	0	<b>Thunderstorm Windss</b>
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Tree blown onto power line.

### FLORIDA Cont'd - May 1994

## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Lake County Monteverde</b>	<b>03</b>	<b>1445EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>		
									Quarter-size hail reported in Monteverde.
<b>Leon County Tallahassee</b>	<b>03</b>	<b>1450EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Numerous trees and power lines were blown down throughout the Tallahassee area.
<b>Okaloosa County Ft. Walton Beach</b>	<b>03</b>	<b>1456EST- 1542EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0) Funnel Cloud</b>
									Numerous funnel clouds were sighted by Air Force personnel at Hurlburt Field. Three small tornadoes touched down, uprooting small trees and hurling debris.
<b>Leon County Woodville</b>	<b>03</b>	<b>1518EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
									Nickel-size hail reported.
<b>Brevard County Titusville</b>	<b>03</b>	<b>1525EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
									Golf ball-size hail reported in Titusville.
<b>Orange County Disney World</b>	<b>03</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
									Golf ball-size hail reported in the Disney World area.
<b>Polk County Winter Haven</b>	<b>03</b>	<b>1554EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
									Dime-size hail reported at Cypress Gardens.
<b>Osceola County Kissimmee</b>	<b>03</b>	<b>1605EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds Hail (1.75)</b>
									Trees were blown down and golf ball-size hail was reported at Kissimmee.
<b>Okaloosa County N Niceville</b>	<b>03</b>	<b>1609EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
									A fire department assistant chief saw a tornado at Eglin Air Force Base. It did no apparent damage.
<b>Martin County St Lucie</b>	<b>03</b>	<b>1615EST</b>			<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
									Two firefighters were sent to the hospital after lightning struck the side of their truck while they were fighting a brush fire started by lightning.
<b>Osceola County St. Cloud</b>	<b>03</b>	<b>1640EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
									Golf ball-size hail fell near St. Cloud.

### FLORIDA Cont'd - May 1994

#### Volusia County

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Ormond Beach 6 N DAB</b>	<b>03</b>	<b>1640EST- 1652EST</b>	<b>3.0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>Tornado (F1)</b>
<p>A small tornado touched down at the intersection of Interstate 95 and U. S. Highway 40 in northern Volusia County. It moved east producing only minor damage. The tornado intensified as it passed over the Holiday Village mobile home park just west of Ormond Beach where it destroyed 150 mobile homes and damaged an additional 125.</p> <p>As the parent thunderstorm moved east, the tornado quickly lifted producing no further damage. No serious injuries were reported and damage was estimated near \$10 million.</p>									
<b>Clay County Orange Park 3 SSW NIP</b>	<b>03</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Lightning</b>
<p>Four houses were struck by lightning between Middleburg and Orange Park. One of the strikes near Orange Park started a fire which heavily damaged one house.</p>									
<b>Palm Beach County Boynton Beach 10 SSE PBI Palm Beach Lantana 6 SSE PBI</b>	<b>03</b>	<b>1707EST- 1718EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (2.00)</b>
					?	?	?	?	<b>Hail (2.25)</b>
					?	?	?	?	<b>Hail (3.00)</b>
<p>Hail from two to three inches in diameter reported by the public in several locations of Palm Beach County.</p>									
<b>Osceola County Yeehaw Jctn 26 W VRB</b>	<b>03</b>	<b>1745EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Okeechobee County Ft. Drum 22 WSW VRB</b>	<b>03</b>	<b>1805EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Okeechobee County Okeechobee 32 SW VRB</b>	<b>03</b>	<b>1823EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
<p>Severe thunderstorms produced nickel-size hail and blew down trees in Osceola and Okeechobee counties. A funnel cloud was reported by police in the town of Okeechobee.</p>									
<b>Dade County Biscayne Bay 15 SE Miami</b>	<b>04</b>	<b>0710EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
<p>A waterspout was sighted in Biscayne Bay, five miles south of Cape Florida.</p>									
<b>Jackson County Two Egg 33 SSE DHN</b>	<b>08</b>	<b>1612EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
<p>Public reported nickel-size hail.</p>									
<b>Brevard County Merritt Island 15 NNW MLB</b>	<b>09</b>	<b>1510EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
					<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>

## FLORIDA Cont'd - May 1994

Winds from a severe thunderstorm blew down trees in Merritt Island and damaged a house in Cocoa.

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
									A woman in the mobile home "felt the jolt of lightning" and was treated at the scene.
<b>Monroe County</b> <b>2 N MTH</b>	<b>11</b>	<b>0620EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									Fire department observed a waterspout in Florida Bay just north of Marathon.
<b>Monroe County</b> <b>3 NE EYW</b>	<b>13</b>	<b>1111EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									A waterspout was observed three miles northeast of Key West.
<b>Jackson County</b> <b>4 NE Marianna</b> <b>30 SSE DHN</b>	<b>14</b>	<b>1612EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstor</b>
									Several large trees were blown down across U.S. Highways 164 and 71.
<b>Leon County</b> <b>Tallahassee</b>	<b>15</b>	<b>1225EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
									Dime to quarter-size hail reported at Mission Road and I-95.
<b>Leon County</b> <b>Tallahassee</b>	<b>15</b>	<b>1315EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
									Three-quarter inch hail around 1400 block of North Monroe Street.
<b>Leon County</b> <b>Tallahassee</b>	<b>15</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flood</b>
									Up to five inches of rain caused flooding on 55 streets with some cars flooded up to their roofs . Minor flooding also occurred to houses and businesses.
<b>Monroe County</b> <b>4 N EYW</b>	<b>16</b>	<b>1309EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
									Waterspout observed four miles north of Key West.
<b>Polk County</b> <b>Bradley Jctn</b> <b>30 E TPA</b>	<b>16</b>	<b>1450EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
									Several funnel clouds touched down and damaged a few trees south of Bradley Junction.
<b>Putnam County</b> <b>Welaka</b> <b>33 ESE GNV</b>	<b>16</b>	<b>1550EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
									A funnel cloud was reported near Welaka.
<b>Volusia County</b> <b>Orange City</b> <b>19 SW DAB</b>	<b>16</b>	<b>1618EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
									Winds blew down trees in Orange City.
<b>Brevard County</b> <b>Mims</b> <b>32 SSE DAB</b>	<b>16</b>	<b>1825EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.50)</b> <b>Lightning</b>

## FLORIDA Cont'd - May 1994

Golf ball-size hail was reported in Mims. A lightning initiated fire destroyed a shed and two people were injured trying to extinguish it.



## Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Monroe County</b> 5 N EYW	17	0850EST			0	0	0	0	<b>Waterspout</b>
	Waterspout sighted five miles north of Key West.								
<b>Brevard County</b> Melbourne Bch 3 ESE MLB	17	1615EST			0	0	0	0	<b>Hail (1.50)</b>
<b>Orange County</b> Orlando	17	1720EST			0	0	0	0	<b>Hail (1.50)</b>
<b>Seminole County</b> Fern Park 35 SSW DAB	17	1725EST			0	0	0	0	<b>Thunderstorm Winds</b>
	Severe thunderstorms formed over the coastal area producing golf ball-size hail in Melbourne Beach and Orlando. A few trees and power lines were blown down near Fern Park.								
<b>Brevard County</b> Rockledge 14 NNW MLB	17	1824EST			0	2	3	0	<b>Lightning</b>
	Lightning struck a communications tower at the Rockledge emergency operations center injuring two dispatchers. Both were hospitalized and released.								
<b>Brevard County</b> Rockledge 14 NNW MLB	17	1830EST			0	0	0	0	<b>Thunderstorm Winds</b>
	Severe thunderstorms blew down trees in both Rockledge and Grant.								
<b>Monroe County</b> 30 W EYW	18	0800EST			0	0	0	0	<b>Waterspout</b>
	Boaters reported several waterspouts between Dry Tortugas and Marquesas Keys.								
<b>Manatee County</b> Unknown	18	0810EST			0	1	0	0	<b>Lightning</b>
	Woman struck by lightning and taken to hospital.								
<b>Manatee County</b> 31 SSW TPA	18	0850EST			0	0	0	0	<b>Waterspout</b>
	Lifeguards sighted three waterspouts one mile offshore Holmes Beach.								
<b>Hillsborough County</b> N Tampa	18	1203EST- 1230EST			0	0	0	0	<b>Hail (0.75)</b>
	Numerous reports of hail ranging in size from pea to slightly larger than dime-size.								
<b>Polk County</b> 2 E Ft. Meade 42 ESE TPA	18	1555EST			0	0	0	0	<b>Hail (1.00)</b>
	Television station reported one-inch hail.								
<b>FLORIDA Cont'd - May 1994</b>									
<b>Dade County</b> Miami 6 N MIA	18	1611EST			0	0	0	0	<b>Funnel Cloud</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Four funnel clouds were observed near Opa Locka Airport.									
<b>Broward County Miramar 5 SW FLL</b>	<b>18</b>	<b>1620EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88) Funnel Cloud</b>
Nickel-size hail and funnel clouds reported in Miramar.									
<b>Polk County W Lakeland 28 E TPA</b>	<b>18</b>	<b>1630EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Tornado (F0)</b>
Minor damage to a business reported.									
<b>Polk County Haines City 49 E TPA</b>	<b>18</b>	<b>1700EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tornado (F0)</b>
A mobile home was damaged by a brief tornado.									
<b>Dade County Miami 8 S MIA</b>	<b>18</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
Nickel-size hail reported near Sunniland shopping mall.									
<b>Polk County Winter Haven 43 E TPA</b>	<b>18</b>	<b>1708EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>Tornado (F0)</b>
Funnel cloud touched down and reportedly did damage to some vegetation.									
<b>Collier County Sunniland 30 ENE APF</b>	<b>18</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
Nickel-size hail reported.									
<b>Monroe County 18 W MTH</b>	<b>19</b>	<b>0630EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A few waterspouts were sighted over Big Channel just south of Big Pine Key.									
<b>Brevard County Sharps 21 NNW MLB</b>	<b>19</b>	<b>1452EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
A funnel cloud was reported over Sharps as a thunderstorm swept into Brevard County from the north.									
<b>Broward County Coconut Creek 3 N FXE</b>	<b>19</b>	<b>1615EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud Thunderstorm Winds</b>
Police sighted a funnel cloud near Coconut Creek Parkway. Winds damaged tents, a car and trees.									
<b>FLORIDA Cont'd</b>									
<b>Broward County N Ft Lauderdale 5 N FLL</b>	<b>19</b>	<b>1630EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds Lightning</b>
					<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
An 11 year old boy, touching a wooden porch furniture, was shocked but not seriously injured . Thunderstorms destroyed the porch.									
<b>Broward County</b> <b>Miramar</b> <b>5 N OPF</b>	<b>19</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
SKYWARN observer reported dime-size hail.									
<b>Dade County</b> <b>Aventura</b> <b>6 S FLL</b>	<b>19</b>	<b>1903EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G52)</b>
Off duty National Weather Service employee reported 60 mph wind gust.									
<b>Volusia County</b> <b>New Smyrna Beach</b> <b>11 SSE DAB</b>	<b>21</b>	<b>0115EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Lightning</b>
A lightning strike felled a large oak tree which fell onto two parked cars and a fence.									
<b>Monroe County</b> <b>3 NE EYW</b>	<b>24</b>	<b>0712EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed three miles northeast of Key West.									
<b>Dade County</b> <b>Miami</b> <b>10 S Miami</b>	<b>25</b>	<b>0843EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
Beach Patrol reported a waterspout offshore at Key Biscayne.									
<b>Hillsborough County</b> <b>Tampa</b>	<b>25</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Lightning</b>
Lightning struck a public library and did \$9 thousand damage to computers.									
<b>Dade County</b> <b>Miami</b> <b>12 W Miami</b>	<b>26</b>	<b>1645EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
A funnel cloud was observed 12 miles west of Miami International Airport.									
<b>Brevard County</b> <b>Deer Park</b> <b>19 NW MLB</b>	<b>28</b>	<b>1525EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Large tree limbs blown down.									
<b>Brevard County</b> <b>2 W Cocoa</b> <b>16 NNW MLB</b>	<b>28</b>	<b>1641EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
Quarter-size hail fell at Lone Cabbage Fish Camp just west of Cocoa.									
<b>Osceola County</b> <b>Kissimmee</b> <b>42 WNW MLB</b>	<b>28</b>	<b>1743EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>FLORIDA Cont'd</b>									
Severe thunderstorm winds blew down numerous trees and power lines in Kissimmee.									
<b>Orange County</b> <b>Orlando</b>	<b>28</b>	<b>1910EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>

# Storm Data and Unusual Weather Phenomena

November 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Severe thunderstorm winds blew down trees near Kirkman Road in south Orlando.									
<b>Dade County</b> NW Eliot Key 18 SSE Miami	29	0800EST			0	0	0	0	<b>Waterspout</b>
National Park Service reported a large waterspout over Biscayne Bay.									
<b>Suwanee County</b> Live Oak 80 W JAX	29	1500EST			1	0	0	0	<b>Lightning</b>
Lightning directly struck and killed a man at Little River Springs. (M320)									
<b>Hillsborough County</b> Wimauma 20 SE TPA	29	1500EST			0	1	0	0	<b>Lightning</b>
A firefighter was knocked unconscious by a nearby lightning strike, while responding to a brush fire.									
<b>Monroe County</b> 31 SE MTH	29	1650EST			0	0	0	0	<b>Waterspout</b>
A waterspout was observed in the Florida Straits 23 miles southeast of Duck Key.									
<b>Escambia County</b> 3 NE PNS	29	1815EST			0	0	0	0	<b>Waterspout-Tornado</b>
A waterspout over western Escambia Bay moved north for about three miles, briefly moving onshore near Scenic Highway and Interstate 10.									
<b>Monroe County</b> 5 NE EYW	30	0647EST			0	0	0	0	<b>Waterspout</b>
A waterspout was observed five miles northeast of Key West.									
<b>Osceola County</b> St. Cloud 35 WNW MLB	30	1400EST			0	1	0	0	<b>Thunderstorm Winds</b>
Severe thunderstorm blew down trees and power lines near St. Cloud. One man was injured when he was blown off his boat.									
<b>Nassau County</b> American Beach 13 ENE JAX	30	1640EST			5	8	0	0	<b>Rip Current</b>
Strong onshore winds produced rip currents that drowned five persons during a Kuumba festival at American Beach on Amelia Island. Eight other persons were hospitalized after near drowning in rip currents at American and Main Beaches. (M11) (M23) (F46) (F38) (F35)									
<b>Polk County</b> Lake Wales 50 E TPA	31	1900EST			0	0	3	0	<b>Thunderstorm Winds</b>
<b>FLORIDA Cont'd</b>									
Screen enclosure damaged and an aluminum carport torn from manufactured home in the Peddler's Pond development.									
<b>Orange County</b> Windermere 48 SSW DAB	31	1930EST			0	0	0	0	<b>Thunderstorm Winds</b>

## Storm Data and Unusual Weather Phenomena

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

November 1994

Numerous trees and power lines blown down in a severe thunderstorm near Windermere.

**STORM DAMAGE CATEGORIES**

**REFERENCE NOTES**

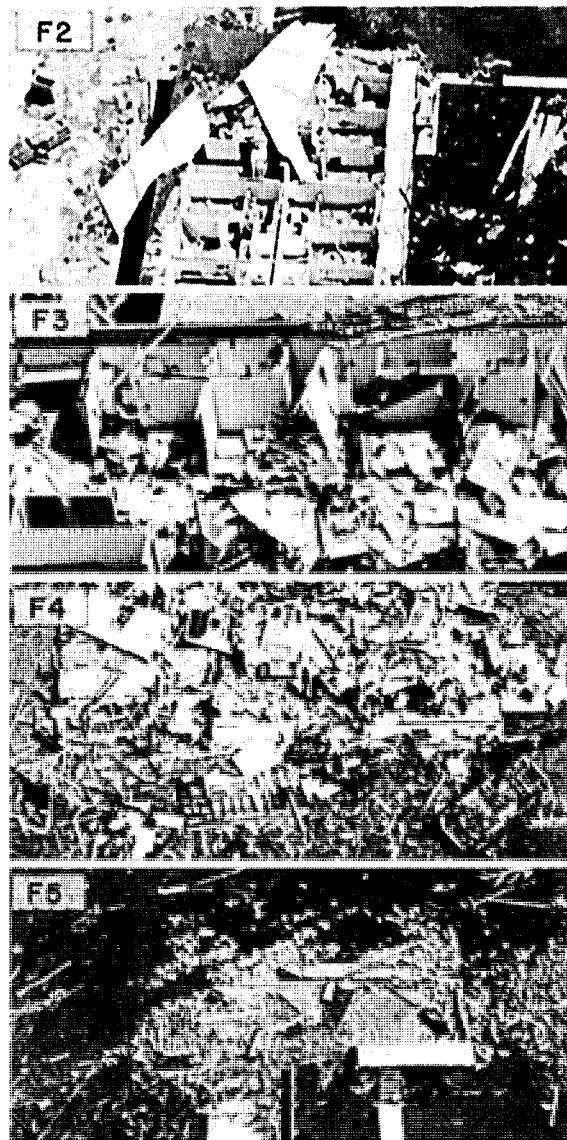
- 1 Less than \$50
- 2 \$50 to \$500
- 3 \$500 to \$5,000
- 4 \$5,000 to \$50,000
- 5 \$50,000 to \$500,000
- 6 \$500,000 to \$5 Million
- 7 \$5 Million to \$50 Million
- 8 \$50 Million to \$500 Million
- 9 \$500 Million to \$5 Billion

- 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.




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

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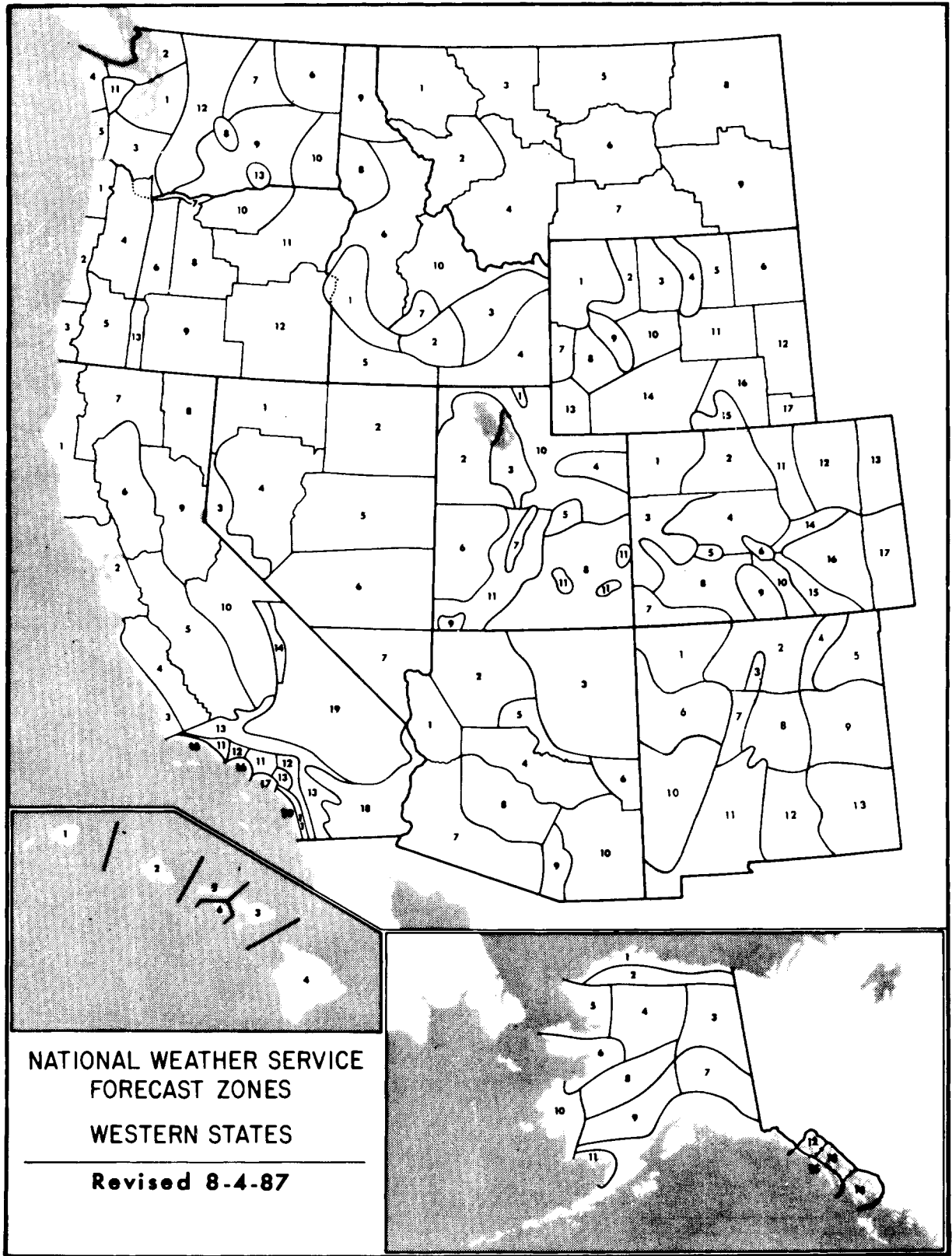
From J. Atmos. Sci., August 1981, p. 1517-1519

USCOMM-NOAA-ASHEVILLE, N.C. 1995-1150

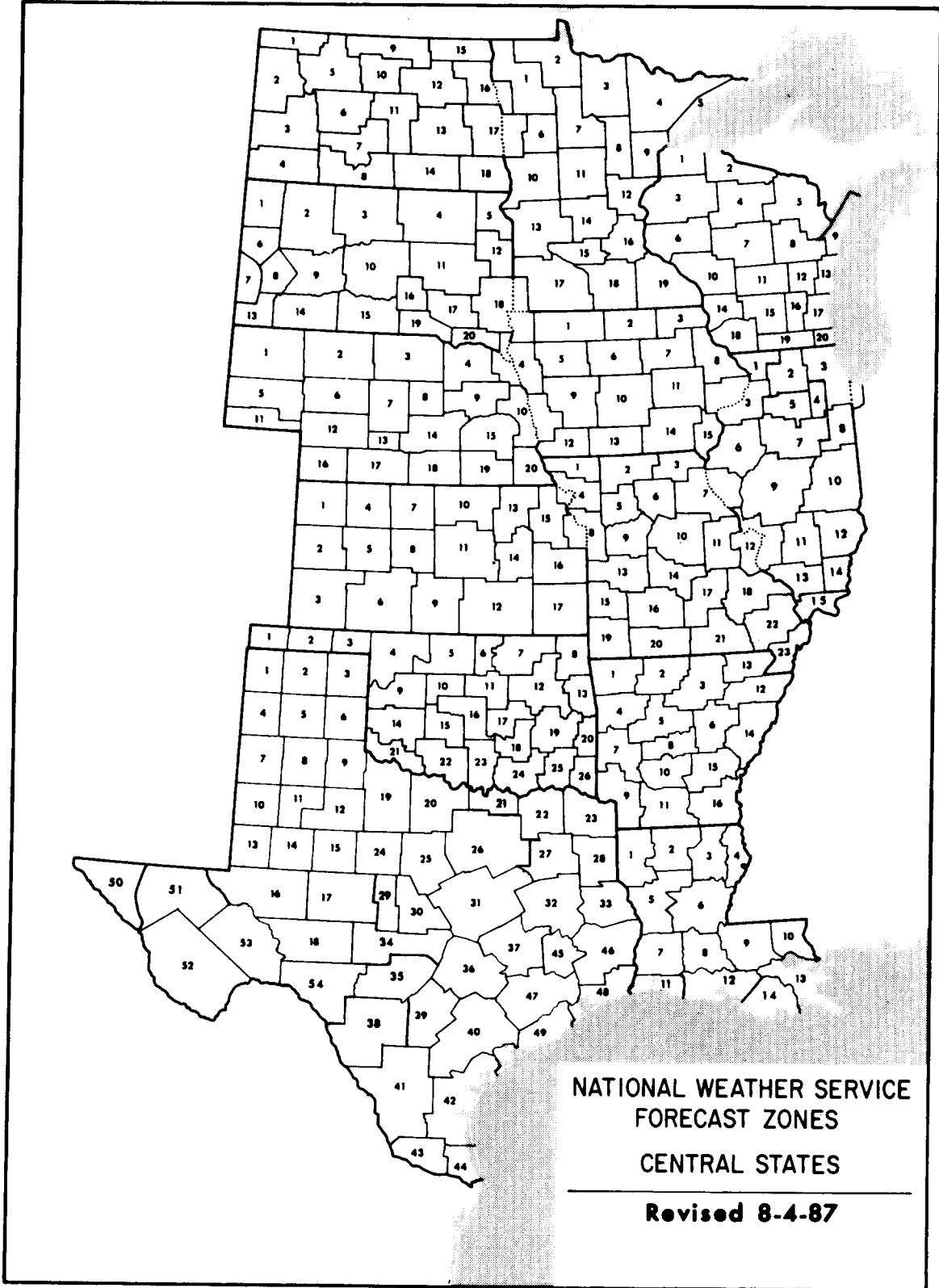




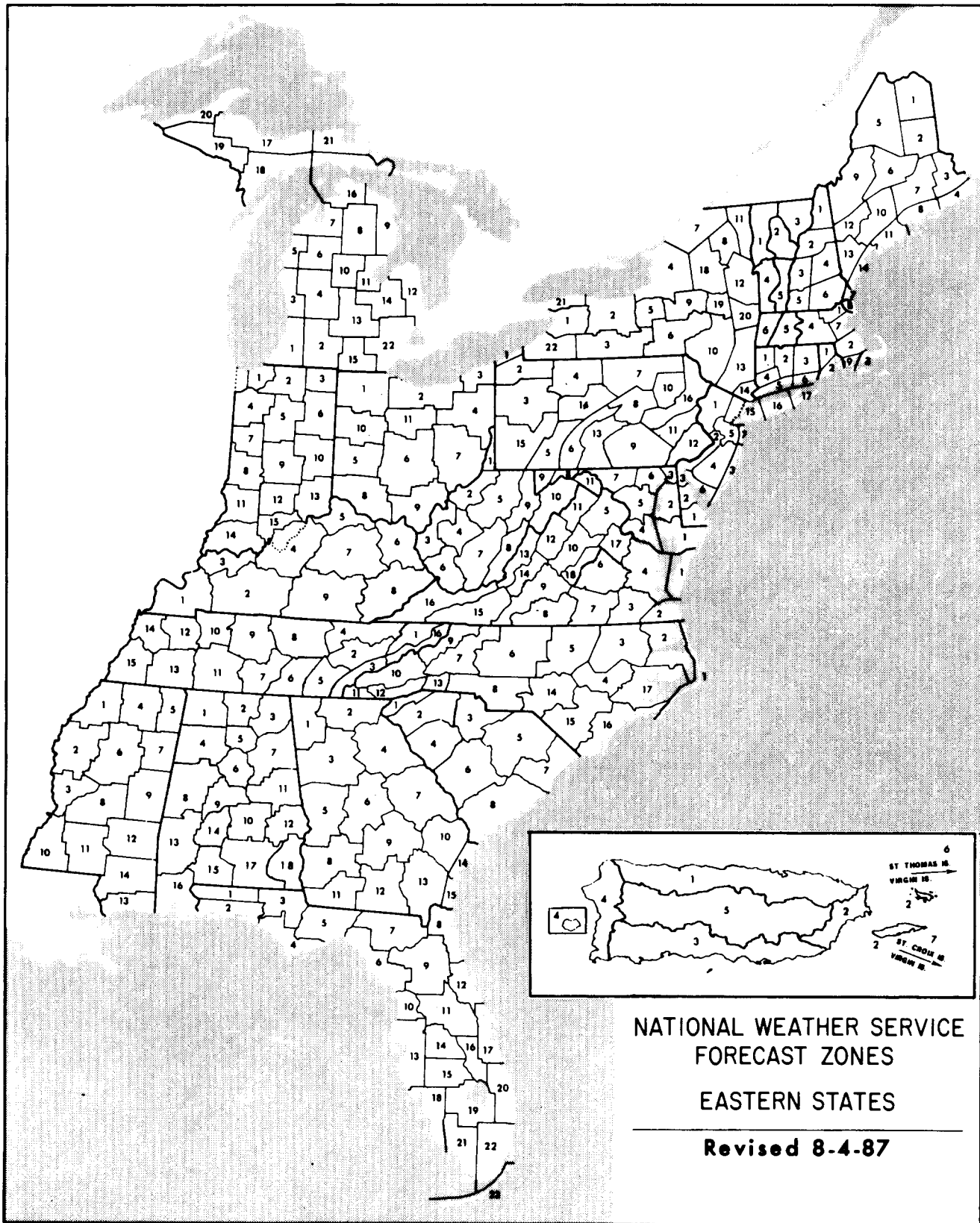




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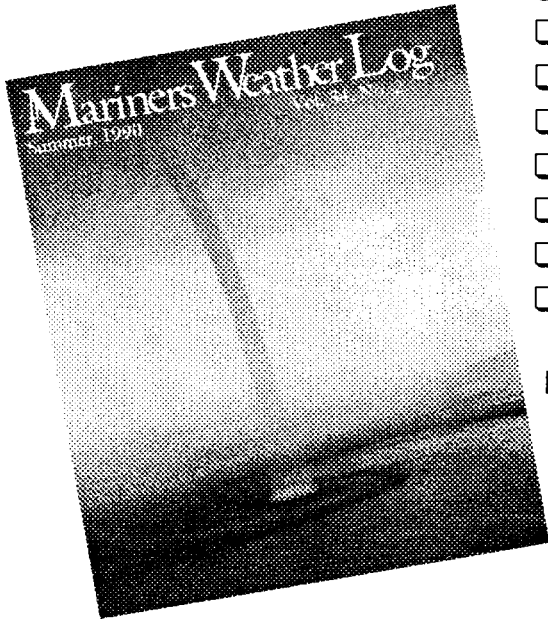


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