



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2006

| 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

WISCONSIN, Southeast

WIZ056-062>063-067>069 Sauk - Iowa - Dane - Lafayette - Green - Rock

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|
| 06 | 0200CST 0900CST | | | | 0 | 0 | | | Dense Fog |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|

Dense fog developed overnight and lowered visibilities to 1/8 to 1/4 mile. Morning commuters had to slow down, and area newspapers reported several vehicle accidents. The dense fog was the result of light winds and plenty of low-level moisture due to some snowmelt in the wake of 3 to 6 inches that fell the previous day.

WIZ062-067

Iowa - Lafayette

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|
| 08 | 0600CST 0900CST | | | | 0 | 0 | | | Dense Fog |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|

Dense patches of fog caused a multi-vehicle pileup about 2 miles east of Ridgeway (Iowa Co.) at 745 AM CST. One woman was killed as she collided with a semitrailer pulling onto Highway 18-151 at about 0745CST when visibilities were probably only zero to perhaps 50 yards. A few minutes later, a charter bus plowed into the semitrailer. Twelve people on the bus sustained minor injuries. Eventually this multi-vehicle accident would include one bus, three semitrailers, and four automobiles. The dense fog also caused 10 additional crashes within 2 miles of the initial crash scene. Dense fog patches also occurred over Lafayette County. The one death and 12 injuries are considered indirectly-related to the dense fog, consequently these numbers do not appear in the header strip above.

WIZ046>047-051>052-056>060-062>072

Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|
| 09 | 0200CST 1200CST | | | | 0 | 0 | | | Dense Fog |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|

Dense fog developed overnight across all of south-central and southeast Wisconsin. Visibilities were reduced to 1/8 to 1/4 mile. Newspapers reported several vehicle accidents, and commercial airplane flights were delayed or cancelled at the major airports. The dense fog was the result of light rain and snowmelt which occurred just prior to the dense fog development.

Walworth County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Lake Geneva | 11 | 1302CST | | | 0 | 0 | | | Hail(0.75) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Two vehicle accidents occurred during hail storm due to hail accumulations creating slippery road surfaces

Dane County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Madison | 11 | 1943CST | | | 0 | 0 | | | Hail(0.75) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Dane County

| | | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|-----------|--|-------------------|
| 1 E Middleton | 11 | 1945CST | | | 0 | 0 | 5K | | Hail(1.00) |
|----------------------|-----------|----------------|--|--|----------|----------|-----------|--|-------------------|

Several vehicles were dented by the hail.

Dane County

| | | | | | | | | | |
|------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Middleton | 11 | 1950CST | | | 0 | 0 | | | Hail(0.88) |
|------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Dane County

| | | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| 1 W Fitchburg | 11 | 1959CST | | | 0 | 0 | | | Hail(0.75) |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Fond Du Lac County

| | | | | | | | | | |
|-------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Alto | 11 | 2040CST | | | 0 | 0 | | | Hail(0.75) |
|-------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

The first round of scattered storms, to affect south-central and southeast Wisconsin on March 11th, occurred during the early afternoon hours. Minor instability and high wind shear caused one storm to briefly attain severe levels (large hail) as it moved northeast at 43 kts (50 mph) or more through Walworth County. The second round of severe weather on March 11th was associated with a cold front that pushed through during the evening hours. Scattered thunderstorms redeveloped during the evening hours and pulsed to severe levels to produce several large hail reports, mainly across Rock, Dane, and Fond du Lac counties.

Rock County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Beloit | 12 | 2210CST | | | 0 | 0 | | | Hail(0.88) |
|---------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

WISCONSIN, Southeast

The northern fringes of a potent system that produced one of the most significant tornado outbreaks in U.S. history brought widespread rain and thunderstorms to south central and southeast Wisconsin during the evening hours. One storm briefly produced Nickel sized hail (.88 inches) in Beloit (Rock Co.).

Rock County

**Beloit to
5 NE Clinton**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|--------------------|
| 13 | 0000CST 0200CST | | | | 0 | 0 | 20K | | Flash Flood |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|--------------------|

Walworth County

**Delavan to
Elkhorn**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|--------------------|
| 13 | 0100CST 0300CST | | | | 0 | 0 | 40K | | Flash Flood |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|--------------------|

During the late evening of Sunday, March 12, flash floods occurred over a couple southern Wisconsin counties as a complex of thunderstorms producing torrential rainfalls moved across the area. Several thunderstorms trained over the same locations in parts of Rock County and Walworth County. Rainfall totals ranged from 1 to locally 4 inches across portions of Rock and Walworth counties. Some NWS Co-op stations near these storms reported 2.90 inches at a location 6 miles northwest of Elkhorn (Walworth Co.), 3.65 inches in Delavan (Walworth Co.), and 3.95 inches in Clinton (Rock Co.). Scattered gravel shoulder washouts were reported from the Beloit area northeast to the Elkhorn area. In this area, roadside ditches overflowed and several roads were covered with water to a depth of 1 to 2 feet in spots. Water damage occurred at the Division of Motor Vehicles building on the south side of Elkhorn after a nearby drainage ditch overflowed. Several cars were stranded in the flood waters.

WIZ052-066-071>072

Sheboygan - Milwaukee - Racine - Kenosha

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|-------------------------|
| 13 | 1000CST 1644CST | | | | 0 | 0 | | | High Wind (MG56) |
|-----------|----------------------------|--|--|--|----------|----------|--|--|-------------------------|

A deep low pressure over Upper Michigan brought gusty, high winds in excess of 50 kts (58 mph) to four Wisconsin counties bordering Lake Michigan during the late morning to afternoon hours of March 13th. Maximum west-southwest gusts include 56 kts (64 mph) at a Milwaukee TV-6 school site in Kenosha (Kenosha Co.), 52 kts (60 mph) in Milwaukee (Milwaukee Co.), and 51 kts (59 mph) in the cities of Racine (Racine Co.), and Sheboygan (Sheboygan Co.). The usual reports of scattered power outages due to broken tree branches were received.

**WIZ051-058>060-
062>065-067>070**

Fond Du Lac - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Lafayette - Green - Rock - Walworth

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|---------------------------|
| 13 | 1000CST 1800CST | | | | 0 | 0 | 65K | | Strong Wind (EG39) |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|---------------------------|

Strong, gusty west-southwest winds ranging up to 39 to 49 kts (45 to 57 mph) affected parts of south-central and southeast Wisconsin during the daytime hours of March 13th. These strong winds were associated with a deep low pressure over Upper Michigan. The usual reports of scattered power outages due to broken tree branches were received.

WIZ056-062>065-067>072

Sauk - Iowa - Dane - Jefferson - Waukesha - Lafayette - Green - Rock - Walworth - Racine - Kenosha

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|
| 29 | 0400CST 0900CST | | | | 0 | 0 | | | Dense Fog |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|

Dense fog developed overnight over parts of south-central and southeast Wisconsin, reducing visibilities to 1/8 to 1/4 mile. Several school systems delayed the start of classes a couple hours. Newspapers reported a few vehicle accidents, and commercial airplane traffic was delayed or cancelled. The dense fog resulted from clear skies and calm or light wind.

**WIZ051>052-058>060-
063>072**

Fond Du Lac - Sheboygan - Dodge - Washington - Ozaukee - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|---------------------------|
| 31 | 0200CST 1400CST | | | | 0 | 0 | 40K | | Strong Wind (EG39) |
|-----------|----------------------------|--|--|--|----------|----------|------------|--|---------------------------|

Strong, gusty west-southwest winds affected parts of south-central and southeast Wisconsin in the wake of a cold front. Maximum gusts peaked at 39 to 42 kts (45 to 48 mph). Scattered power outages were reported when broken tree branches hit power-lines.