

Hurricane Force Winds in Wisconsin 1970-2012

This 42-year climatology for the state of Wisconsin consists of **thunderstorm-related** winds events of 75 mph or greater as documented in the *Storm Data* publication.

It is worth noting that *Storm Data* lists numerous severe wind events over the years without an estimate or measurement of wind speed and are thus **not** included in this climatology. Also, when the same storm event registered high winds in neighboring counties, each county is accounted for. However, the few times that multiple winds at or above 75 mph were reported in the same county from the same event, only the highest wind was included in the report. All winds at or above 100 mph were included in this study. Consider each entry below a “county wind event” for the bean-counts.

Hurricane-force winds are defined as sustained winds of 74 mph or higher. In the past 42 years, Wisconsin has experienced winds of 75 mph or higher on 248 days, or about 5.9 days per year on average. The only year this didn't happen was in 1978. A total of 596 hurricane-force “county wind events” have been documented. These result in an average of 14.2 county wind-events occurring per year (hurricane-force thunderstorm winds).

Thunderstorm wind gusts of 100+ mph, similar to those of a Category 2 Hurricane, occurred in 17 years of the 42-year study, or about once every 2.5 years. A total of 25 days had 100+ mph downburst winds. A total of 61 county 100+ mph hurricane-force wind events occurred during the period of 1970-2012, for an average of 1.45 events per year, or alternatively, 3.9 events occurred in Wisconsin for those years that did have 100+ mph hurricane-force thunderstorm wind gusts. It is noteworthy that many of these events occurred on the same calendar day.

In many cases, the peak wind gust values are estimates, and in others it is a measured value.

| <u>DATE</u> | <u>COUNTY</u> | <u>WIND SPEED</u> | |
|--|---|-------------------|----|
| <u>1970</u> | | | |
| September 21 st | Oneida | 115 mph | ** |
| <u>1971</u> | | | |
| February 26 th - 27 th | Statewide (<u>all 72 counties</u>) | 75-80 mph | |
| June 19 th | Milwaukee | 76 mph | |
| August 10 th | La Crosse | 75 mph | |
| August 10 th | Winnebago | 95 mph | |
| <u>1972</u> | | | |
| June 3 rd | Winnebago | 75 mph | |
| <u>1973</u> | | | |
| June 18 th | Pepin | 75-80 mph | |
| | Eau Claire | 75-80 mph | |
| | Buffalo | 75-80 mph | |
| | Trempealeau | 75-80 mph | |
| | Jackson | 75-80 mph | |
| | Clark | 75-80 mph | |

| | | |
|------------------------|-------------|-----------|
| | Wood | 75-80 mph |
| | Portage | 75-80 mph |
| | Waupaca | 75-80 mph |
| | Outagamie | 75-80 mph |
| | Brown | 75-80 mph |
| | Kewaunee | 75-80 mph |
| | La Crosse | 75-80 mph |
| | Monroe | 75-80 mph |
| | Juneau | 75-80 mph |
| | Adams | 75-80 mph |
| | Waushara | 75-80 mph |
| | Winnebago | 75-80 mph |
| | Calumet | 75-80 mph |
| | Manitowoc | 75-80 mph |
| | Marquette | 75-80 mph |
| | Green Lake | 75-80 mph |
| | Fond du Lac | 75-80 mph |
| | Sheboygan | 75-80 mph |
| August 9 th | Milwaukee | 80 mph |

1974

| | | |
|----------------------|-----------|--------|
| May 21 st | Milwaukee | 75 mph |
|----------------------|-----------|--------|

1975

| | | |
|--------------------------|-------------|-----------|
| January 11 th | Fond du Lac | 77 mph |
| March 28 th | La Crosse | 77 mph |
| April 3 rd | Vernon | 75-80 mph |
| | Crawford | 75-80 mph |
| | Richland | 75-80 mph |
| | Sauk | 75-80 mph |
| | Columbia | 75-80 mph |
| | Dodge | 75-80 mph |
| | Washington | 75-80 mph |
| | Ozaukee | 75-80 mph |
| | Grant | 75-80 mph |
| | Iowa | 75-80 mph |
| | Dane | 75-80 mph |
| | Jefferson | 75-80 mph |
| | Waukesha | 75-80 mph |
| | Milwaukee | 75-80 mph |
| | Lafayette | 75-80 mph |
| | Green | 75-80 mph |
| | Rock | 75-80 mph |
| | Walworth | 75-80 mph |
| | Racine | 75-80 mph |
| | Kenosha | 75-80 mph |
| May 19 th | Dane | >75 mph |
| June 22 nd | Grant | >90 mph |
| August 21 st | Pepin | >100 mph |

**

1976

| | | | |
|-----------------------|--------|--------|--|
| June 13 th | Monroe | 80 mph | |
|-----------------------|--------|--------|--|

1977

| | | | |
|-------------------------|------------|----------|----|
| July 4 th | Price | >100 mph | ** |
| | Sawyer | 135 mph | ** |
| | Oneida | >100 mph | ** |
| July 6 th | Jefferson | 80 mph | |
| August 31 st | Eau Claire | 80 mph | |

1978

none reported/verified

1979

| | | | |
|-----------------------|---|-----------|--|
| April 5 th | Statewide (<u><i>all 72 counties</i></u>) | >75 mph | |
| June 20 th | Fond Du Lac | 75-90 mph | |

1980

| | | | | |
|---------------------------|------------------------|------------|-----------|--|
| June 5 th | La Crosse | 75-90 mph | | |
| June 27 th | Clark | 75 mph | | |
| July 5 th | Fond Du Lac | 75-90 mph | | |
| July 9 th | Rock | 75-80 mph | | |
| July 10 th | Bayfield | 80 mph | | |
| July 11 th | Pierce | 75-80 mph | | |
| | St. Croix | 75-80 mph | | |
| July 15 th | Walworth | 75-80 mph | | |
| | St. Croix | 75-120 mph | ** | |
| | Pierce | 75-120 mph | ** | |
| | Dunn | 75-120 mph | ** | |
| | Pepin | 75-120 mph | ** | |
| | Chippewa | 75-120 mph | ** | |
| | Eau Claire | 75-120 mph | ** | |
| | July 20 th | Adams | 75-80 mph | |
| | | Columbia | 75-80 mph | |
| | August 2 nd | Green | 75-80 mph | |
| Rock | | 75-80 mph | | |
| August 4 th | Waukesha | 93 mph | | |
| | Kenosha | 92 mph | | |
| August 6 th | Washburn | 80-90 mph | | |
| August 7 th | Dodge | 75-80 mph | | |
| | Jefferson | 75-80 mph | | |
| August 19 th | Monroe | 75-80 mph | | |
| | Wood | 75-80 mph | | |
| August 20 th | Wood | 75-80 mph | | |
| September 3 rd | Pierce | 80 mph | | |
| September 9 th | Winnebago | 75-80 mph | | |

1981

| | | | |
|-------------------------|-----------|-----------|----|
| March 29 th | Dane | 75-90 mph | |
| March 31 st | Clark | 100 mph | ** |
| May 29 th | Dane | 75-80 mph | |
| August 3 rd | Polk | 80 mph | |
| | Barron | 80 mph | |
| | Rusk | 80 mph | |
| August 6 th | Oconto | 80 mph | |
| August 31 st | Jefferson | 80 mph | |

1982

| | | | |
|------------------------|------------|------------|----|
| April 3 rd | Washington | 80 mph | |
| July 6 th | St. Croix | 80-100 mph | ** |
| | Milwaukee | 80 mph | |
| July 17 th | Iron | >100 mph | ** |
| | Vilas | >100 mph | ** |
| | Forest | >100 mph | ** |
| | Price | >100 mph | ** |
| | Oneida | >100 mph | ** |
| | Lincoln | >100 mph | ** |
| | Langlade | >100 mph | ** |
| July 25 th | Jackson | 75-80 mph | |
| August 3 rd | Winnebago | 75-85 mph | |

1983

| | | | |
|---------------------------|-------------|------------|----|
| July 3 rd | Douglas | >100 mph | ** |
| | Bayfield | >100 mph | ** |
| | Ashland | >100 mph | ** |
| | Burnett | >100 mph | ** |
| | Washburn | >100 mph | ** |
| | Sawyer | >100 mph | ** |
| | Polk | >100 mph | ** |
| | Barron | >100 mph | ** |
| | Rusk | >100 mph | ** |
| July 19 th | St. Croix | 100 mph | ** |
| | Barron | 75 mph | |
| | Dunn | 80 mph | |
| | La Crosse | 76 mph | |
| | Winnebago | 80 mph | |
| | Fond du Lac | 80 mph | |
| | Jefferson | 80 mph | |
| | Rock | 75 mph | |
| | Manitowoc | 80-100 mph | ** |
| September 6 th | Oneida | 90 mph | |

1984

| | | | |
|--------------------------|----------|--------|--|
| April 27 th | Buffalo | 79 mph | |
| July 9 th | Sawyer | 75 mph | |
| | Rock | 75 mph | |
| | Waukesha | 80 mph | |
| July 14 th | Monroe | 75 mph | |
| October 16 th | Taylor | 75 mph | |

1985

| | | | |
|----------------------|-----------|--------|--|
| June 7 th | La Crosse | 78 mph | |
| June 8 th | Marinette | 80 mph | |

1986

| | | | |
|----------------------------|-----------|--------|--|
| June 10 th | Pepin | 80 mph | |
| June 21 st | Douglas | 85 mph | |
| July 18 th | Door | 80 mph | |
| September 26 th | Sheboygan | 75 mph | |

1987

| | | | |
|--------------------------|-----------|---------|----|
| February 8 th | Rock | 86 mph | |
| June 18 th | Door | 75 mph | |
| July 11 th | Shawano | 80 mph | |
| | Marinette | 80 mph | |
| July 23 rd | St. Croix | 80 mph | |
| July 29 th | Rock | 104 mph | ** |
| | Waukesha | 75 mph | |

1988

| | | | |
|-----------------------|----------|---------|----|
| June 19 th | Dunn | 79 mph | |
| June 22 nd | Door | 105 mph | ** |
| July 11 th | Marathon | 75 mph | |

1989

| | | | |
|--------------------------|-------------|--------|--|
| May 24 th | Outagamie | 87 mph | |
| | Brown | 87 mph | |
| June 26 th | Grant | 85 mph | |
| August 4 th | Milwaukee | 75 mph | |
| October 15 th | Trempealeau | 75 mph | |

1990

| | | | |
|-------------------------|------------|--------|--|
| March 15 th | Waukesha | 79 mph | |
| June 2 nd | Eau Claire | 75 mph | |
| June 29 th | Rock | 85 mph | |
| August 26 th | Clark | 91 mph | |
| | La Crosse | 76 mph | |

1991

| | | | |
|------------------------|-----------|---------|----|
| March 27 th | Milwaukee | 89 mph | |
| June 27 th | Ashland | 103 mph | ** |
| July 7 th | Dane | 83 mph | |
| | Jefferson | 80 mph | |
| | Waukesha | 80 mph | |
| | Ozaukee | 79 mph | |

1992

| | | | |
|-----------------------|----------|--------|--|
| May 11 th | Waukesha | 80 mph | |
| May 16 th | Taylor | 75 mph | |
| June 17 th | Racine | 75 mph | |
| June 17 th | Kenosha | 86 mph | |

1993

| | | | |
|-------------------------|------------|--------|--|
| July 8 th | Milwaukee | 77 mph | |
| August 23 rd | Washington | 80 mph | |

1994

| | | | |
|----------------------------|-----------|--------|--|
| April 18 th | Kenosha | 80 mph | |
| July 4 th | Milwaukee | 77 mph | |
| August 27 th | Sawyer | 85 mph | |
| September 13 th | Adams | 80 mph | |

1995

| | | | |
|-------------------------|------------|-----------|--|
| July 9 th | Waushara | 75-80 mph | |
| July 15 th | Kenosha | 75 mph | |
| August 28 th | Green Lake | 75 mph | |
| | Racine | 84 mph | |

1996

| | | | |
|--------------------------|-------------|------------|----|
| April 19 th | Kenosha | 80-100 mph | ** |
| May 19 th | Wood | 80 mph | |
| | Buffalo | 90 mph | |
| | Trempealeau | 90 mph | |
| | Jackson | 90 mph | |
| | Clark | 85 mph | |
| | St. Croix | 98 mph | |
| | Pierce | 85 mph | |
| | Dunn | 81 mph | |
| | Pepin | 86 mph | |
| | Chippewa | 75 mph | |
| | Eau Claire | 77 mph | |
| June 29 th | Pierce | 81 mph | |
| July 18 th | Lincoln | 81 mph | |
| July 18 th | Waupaca | 100 mph | ** |
| August 7 th | Oneida | 81 mph | |
| October 30 th | Racine | 75 mph | |

1997

| | | |
|------------------------|-----------|-----------|
| April 6 th | Dodge | 82 mph |
| | Waukesha | 75 mph |
| | Walworth | 81 mph |
| | Kenosha | 77 mph |
| June 15 th | Vernon | 81 mph |
| June 24 th | Waupaca | 75 mph |
| | Dodge | 85 mph |
| July 1 st | Wood | 75 mph |
| | Marathon | 81 mph |
| | Clark | 90 mph |
| July 2 nd | Clark | 75 mph |
| July 16 th | Menominee | 98 mph |
| | Outagamie | 82 mph |
| July 18 th | Kenosha | 92 mph |
| August 3 rd | Waukesha | 70-80 mph |

1998

| | | | |
|-----------------------|-------------|-------------|----|
| May 15 th | Rusk | 81 mph | |
| | Pierce | 75 mph | |
| May 30 th | St. Croix | 86 mph | |
| | Dunn | 86 mph | |
| May 31 st | Marathon | 85 mph | |
| | Winnebago | 86 mph | |
| | Calumet | 86 mph | |
| | Douglas | 75 mph | |
| | Walworth | 78 mph | |
| | Sauk | 100-120 mph | ** |
| | Columbia | 90-115 mph | ** |
| | Iowa | 100-115 mph | ** |
| | Dane | 110-120 mph | ** |
| | Lafayette | 100 mph | ** |
| | Dodge | 100-128 mph | ** |
| | Fond du Lac | 115-125 mph | ** |
| | Green | 70-80 mph | |
| | Jefferson | 110-120 mph | ** |
| | Sheboygan | 110-120 mph | ** |
| | Washington | 115-125 mph | ** |
| | Waukesha | 100-110 mph | ** |
| | Ozaukee | 100-110 mph | ** |
| | Milwaukee | 110-115 mph | ** |
| | La Crosse | 75 mph | |
| Crawford | 79 mph | | |
| Monroe | 75 mph | | |
| Vernon | 79 mph | | |
| Grant | 77 mph | | |
| June 25 th | Door | 75 mph | |
| | Wood | 75 mph | |

| | | | |
|-----------------------|-------------|-------------|----|
| June 27 th | Trempealeau | 86 mph | |
| | Vernon | 84 mph | |
| | Jackson | 95 mph | |
| | Monroe | 101 mph | ** |
| July 19 th | Crawford | 92 mph | |
| | Grant | 81 mph | |
| July 20 th | Walworth | 100-110 mph | ** |
| July 21 st | Walworth | 100-110 mph | ** |
| | Racine | 100-110 mph | ** |
| | Kenosha | 100-110 mph | ** |

1999

| | | | |
|-----------------------|-----------|--------|--|
| June 5 th | Dunn | 75 mph | |
| | Pepin | 75 mph | |
| | Vilas | 81 mph | |
| | Forest | 81 mph | |
| June 6 th | Ashland | 75 mph | |
| | Rock | 75 mph | |
| | Waukesha | 81 mph | |
| July 8 th | La Crosse | 75 mph | |
| July 12 th | Outagamie | 75 mph | |
| July 23 rd | Rusk | 75 mph | |
| July 30 th | Florence | 75 mph | |
| | Price | 87 mph | |
| | Rusk | 75 mph | |

2000

| | | | |
|----------------------------|-----------|-------------|----|
| May 8 th | Green | 81 mph | |
| May 11 th | Waukesha | 75 mph | |
| May 12 th | Calumet | 80 mph | |
| | Manitowoc | 80 mph | |
| | Milwaukee | 75 mph | |
| | Dane | 75 mph | |
| | Marquette | 81 mph | |
| | Monroe | 98 mph | |
| June 1 st | Juneau | 100 mph | ** |
| | Adams | 98 mph | |
| July 2 nd | Waukesha | 78 mph | |
| July 8 th | Chippewa | 75 mph | |
| August 5 th | Green | 85 mph | |
| | Rock | 100-115 mph | ** |
| September 1 st | Adams | 75 mph | |
| September 11 th | Dane | 75 mph | |

2001

| | | | |
|------------------------|---------|--------|--|
| April 11 th | Rock | 81 mph | |
| April 23 rd | Lincoln | 75 mph | |
| May 9 th | Pierce | 74 mph | |
| June 11 th | Wood | 77 mph | |
| | Waupaca | 74 mph | |

| | | |
|---------------------------|-----------|--------|
| | Winnebago | 75 mph |
| | Outagamie | 75 mph |
| | Price | 75 mph |
| | Burnett | 81 mph |
| | Dodge | 81 mph |
| | Sheboygan | 90 mph |
| | Jackson | 75 mph |
| | Barron | 87 mph |
| | Pierce | 75 mph |
| | Rusk | 79 mph |
| | Pepin | 75 mph |
| August 9 th | Door | 76 mph |
| September 7 th | Sauk | 75 mph |

2002

| | | |
|---------------------------|-------------|---------|
| April 17 th | Dunn | 75 mph |
| April 18 th | Marathon | 75 mph |
| May 8 th | Chippewa | 81 mph |
| June 21 st | Buffalo | 81 mph |
| July 30 th | Clark | 81 mph |
| | Adams | 81 mph |
| August 11 th | Dane | 81 mph |
| August 21 st | Iowa | 75 mph |
| | Lafayette | 81 mph |
| | Fond du Lac | 81 mph |
| | Waukesha | 100 mph |
| | Milwaukee | 81 mph |
| | Racine | 85 mph |
| September 2 nd | Taylor | 81 mph |

**

2003

| | | |
|-------------------------|-----------|--------|
| June 25 th | Rock | 75 mph |
| July 6 th | Dane | 75 mph |
| July 6 th | Rock | 75 mph |
| July 15 th | Jefferson | 75 mph |
| August 20 th | Grant | 81 mph |
| August 20 th | Grant | 75 mph |

2004

| | | |
|------------------------|------------|--------|
| April 18 th | Vilas | 75 mph |
| | Florence | 75 mph |
| | Green Lake | 75 mph |
| May 21 st | Washington | 90 mph |
| | Ozaukee | 75 mph |
| May 23 rd | Manitowoc | 75 mph |
| | Walworth | 75 mph |
| June 23 rd | Jefferson | 92 mph |
| | Dane | 75 mph |
| | Racine | 80 mph |
| July 16 th | Columbia | 75 mph |

| | | |
|-------------------------|-------------|--------|
| July 19 th | Trempealeau | 75 mph |
| | La Crosse | 75 mph |
| July 21 st | Iowa | 75 mph |
| August 3 rd | Columbia | 75 mph |
| August 26 th | Columbia | 80 mph |
| August 27 th | Fond du Lac | 75 mph |

2005

| | | |
|----------------------------|-------------|--------|
| March 30 th | Washington | 81 mph |
| June 4 th | Iowa | 75 mph |
| | Jefferson | 75 mph |
| June 5 th | Taylor | 82 mph |
| | Dodge | 75 mph |
| | Fond du Lac | 75 mph |
| | Sauk | 75 mph |
| June 7 th | Chippewa | 82 mph |
| | Forest | 90 mph |
| | Marathon | 81 mph |
| June 29 th | Sawyer | 78 mph |
| June 30 th | Rock | 75 mph |
| July 23 rd | Dodge | 75 mph |
| | Buffalo | 78 mph |
| | Trempealeau | 75 mph |
| | Clark | 75 mph |
| | Jackson | 75 mph |
| | Portage | 75 mph |
| July 25 th | Walworth | 75 mph |
| | Rock | 75 mph |
| | Sauk | 75 mph |
| | Washington | 75 mph |
| August 9 th | Buffalo | 78 mph |
| | Trempealeau | 75 mph |
| | Juneau | 75 mph |
| August 18 th | Dane | 75 mph |
| | Lafayette | 81 mph |
| September 12 th | Polk | 86 mph |
| September 13 th | Outagamie | 75 mph |
| | Calumet | 76 mph |
| | Outagamie | 75 mph |
| | Brown | 81 mph |

2006

| | | | |
|------------------------|-------------|---------|----|
| April 13 th | Calumet | 100 mph | ** |
| | Fond du Lac | 90 mph | |
| | Sheboygan | 90 mph | |
| June 6 th | Dane | 81 mph | |
| June 21 st | Washington | 75 mph | |
| July 1 st | Fond du Lac | 75 mph | |

| | | |
|-------------------------|-------------|--------|
| July 3 rd | Forest | 75 mph |
| July 17 th | Sheboygan | 75 mph |
| | Calumet | 81 mph |
| | Manitowoc | 81 mph |
| July 20 th | Iowa | 75 mph |
| | Sauk | 75 mph |
| | Lafayette | 75 mph |
| | Dane | 82 mph |
| | Green | 75 mph |
| July 30 th | Bayfield | 81 mph |
| August 23 rd | Monroe | 75 mph |
| August 24 th | Trempealeau | 81 mph |

2007

| | | |
|----------------------------|-----------|--------|
| May 14 th | Marinette | 75 mph |
| June 1 st | Dodge | 75 mph |
| June 7 th | Marinette | 81 mph |
| | Walworth | 75 mph |
| June 18 th | Kenosha | 85 mph |
| | Racine | 85 mph |
| June 20 th | Marinette | 81 mph |
| | Langlade | 81 mph |
| July 3 rd | Iowa | 74 mph |
| July 18 th | Waupaca | 74 mph |
| | Brown | 81 mph |
| July 26 th | Vilas | 81 mph |
| | Calumet | 74 mph |
| August 13 th | St. Croix | 90 mph |
| August 21 st | Iowa | 74 mph |
| | Sauk | 74 mph |
| August 22 nd | Milwaukee | 78 mph |
| | Green | 74 mph |
| August 28 th | Marinette | 74 mph |
| September 18 th | Columbia | 74 mph |

2008

| | | |
|-----------------------|-----------|--------|
| May 25 th | Marathon | 81 mph |
| | Portage | 81 mph |
| June 5 th | Rock | 75 mph |
| June 7 th | Langlade | 85 mph |
| | Sauk | 75 mph |
| | Dane | 75 mph |
| | Columbia | 75 mph |
| June 8 th | Rock | 75 mph |
| June 12 th | Walworth | 90 mph |
| | Grant | 81 mph |
| June 28 th | Columbia | 84 mph |
| | Jefferson | 85 mph |

| | | |
|-----------------------|------------|--------|
| July 7 th | Dodge | 82 mph |
| | Sauk | 75 mph |
| | Dane | 75 mph |
| July 10 th | Green Lake | 75 mph |
| | Dane | 90 mph |
| | Rock | 75 mph |
| | Walworth | 75 mph |
| July 11 th | Vilas | 81 mph |
| July 12 th | Green | 75 mph |
| July 16 th | Waupaca | 75 mph |
| | Sheboygan | 81 mph |
| | Waukesha | 75 mph |
| July 19 th | St. Croix | 70 mph |

2009

| | | |
|------------------------|-------------------------|--------|
| May 13 th | Dodge | 90 mph |
| June 18 th | Iowa | 75 mph |
| June 19 th | Lafayette | 75 mph |
| June 23 rd | Rock | 75 mph |
| June 27 th | Columbia | 75 mph |
| July 24 th | Lafayette | 90 mph |
| | Grant | 78 mph |
| July 27 th | Green Lake | 75 mph |
| | Lafayette | 75 mph |
| August 3 rd | Marathon | 75 mph |
| August 9 th | Rock | 78 mph |
| | Iowa | 75 mph |
| | Walworth | 75 mph |
| | Lafayette | 75 mph |
| | Racine | 86 mph |
| | Kenosha | 75 mph |
| | Green | 75 mph |
| | Dane | 75 mph |
| | Portage | 96 mph |
| | August 28 th | |

2010

| | | |
|-----------------------|-----------|--------|
| June 18 th | Rock | 81 mph |
| | Waukesha | 76 mph |
| | Kenosha | 75 mph |
| June 21 st | Dane | 75 mph |
| | Rock | 75 mph |
| | Jefferson | 81 mph |
| | Walworth | 75 mph |
| | Waukesha | 75 mph |
| June 23 rd | Oneida | 81 mph |
| | Langlade | 75 mph |
| | Forest | 75 mph |
| | Marinette | 90 mph |
| July 14 th | Sawyer | 75 mph |
| | Langlade | 81 mph |

| | | |
|---------------------------|-------------|--------|
| | Shawano | 96 mph |
| | Trempealeau | 75 mph |
| | Waupaca | 90 mph |
| July 20 th | Dodge | 75 mph |
| | Marathon | 96 mph |
| | Shawano | 90 mph |
| | Waupaca | 81 mph |
| | Outagamie | 81 mph |
| July 27 th | Vilas | 96 mph |
| | Marinette | 75 mph |
| | Chippewa | 75 mph |
| | Oconto | 90 mph |
| | Barron | 81 mph |
| August 7 th | Sauk | 75 mph |
| August 9 th | Colombia | 75 mph |
| | Dane | 75 mph |
| | Rock | 75 mph |
| | Jefferson | 75 mph |
| August 20 th | Waupaca | 90 mph |
| | Brown | 85 mph |
| | Fond Du Lac | 81 mph |
| September 2 nd | Door | 75 mph |
| | Washington | 75 mph |
| | Waukesha | 81 mph |
| | Ozaukee | 75 mph |
| October 26 th | Rock | 75 mph |
| | Jefferson | 75 mph |
| | Rock | 75 mph |
| | Jefferson | 75 mph |

2011

| | | | |
|------------------------|----------------------|-----------|-------|
| April 4 th | Dodge | 81mph | |
| | Washington | 81mph | |
| | Waukesha | 81mph | |
| April 10 th | Langlade | 85mph | |
| | Waushara | 90mph | |
| | Waushara | 81mph | |
| | Winnebago | 100mph | ** |
| | Winnebago | 75mph | |
| | Manitowoc | 75mph | |
| | Eau Claire | 90mph | |
| April 19 th | Rock | 75mph | |
| May 22 nd | Price | 75mph | |
| | Ashland | 81mph | |
| | Price | 75mph | |
| | Racine | 81mph | |
| | Kenosha | 81mph | |
| | La Crosse | 87mph | |
| | June 8 th | Marquette | 75mph |

| | | | |
|---------------------------|----------------------|---------------|----|
| | Dane | 75mph | |
| | Dane | 75mph | |
| | Green Lake | 75mph | |
| | Iowa | 81mph | |
| | Dane | 81mph | |
| | Green | 75mph | |
| | Green | 75mph | |
| | Green | 75mph | |
| | Dane | 81mph | |
| | Dane | 81mph | |
| | Green | 75mph | |
| | Dane | 75mph | |
| | Rock | 81mph | |
| | Green | 81mph | |
| | Jefferson | 75mph | |
| | Jefferson | 81mph | |
| | Walworth | 81mph | |
| | Walworth | 81mph | |
| | Rock | 81mph | |
| | Waukesha | 81mph | |
| June 21 st | Waukesha | 110mph | ** |
| June 30 th | Racine | 82mph | |
| | Kenosha | 75mph | |
| July 1 st | Wood | 75mph | |
| | Burnett (widespread) | 100 to 120mph | ** |
| | Washburn | 81mph | |
| | Douglas | 81mph | |
| | Douglas | 81mph | |
| | Ashland | 81mph | |
| | Bayfield | 81mph | |
| | Sawyer | 81mph | |
| July 11 th | Lafayette | 75mph | |
| | Green | 75mph | |
| | Dane | 75mph | |
| | Rock | 75mph | |
| | Walworth | 81mph | |
| | Grant | 75mph | |
| July 18 th | Winnebago | 75mph | |
| July 19 th | Portage | 75mph | |
| | Washburn | 81mph | |
| | Polk | 80mph | |
| September 2 nd | Outagamie | 81mph | |
| | Calumet | 81mph | |
| | Brown | 78mph | |
| September 3 rd | Iowa | 81mph | |
| | Dane | 75mph | |
| | Dane | 75mph | |
| | Jefferson | 75mph | |
| | Dodge | 75mph | |
| | Jefferson | 75mph | |

2012

| | | |
|---------------------------|-------------|-------|
| May 2nd | Trempealeau | 75mph |
| May 24 th | Eau Claire | 75mph |
| | Marathon | 75mph |
| May 28 th | Columbia | 75mph |
| | Marquette | 85mph |
| | Green | 85mph |
| | Rock | 75mph |
| June 18 th | Shawno | 75mph |
| June 19 th | Langlade | 75mph |
| July 2 nd | Vilas | 75mph |
| July 18 th | Sauk | 80mph |
| July 24 th | Rock | 75mph |
| July 25 th | Iowa | 75mph |
| September 4 th | Marathon | 80mph |
| | Vernon | 80mph |
| October 25 th | Marathon | 80mph |

** denotes measured/estimated wind speeds that reached or exceeded 100 mph

50 Knots = 57.54 MPH

51 Knots = 58.69 MPH

52 Knots = 59.84 MPH

53 Knots = 60.99 MPH

54 Knots = 62.14 MPH

55 Knots = 63.29 MPH

56 Knots = 65 MPH

57 Knots = 65.59 MPH

58 Knots = 66.74 MPH

59 Knots = 67.89 MPH

60 Knots = 69.05 MPH

61 Knots = 70.2 MPH

62 Knots = 71.35 MPH

63 Knots = 72.5 MPH

64 Knots = 73.65 MPH (65 kt or higher is hurricane wind gust which is 74 mph)

65 Knots = 74.8 MPH

66 Knots = 75.95 MPH

67 Knots = 77.1 MPH

68 Knots = 78.25 MPH

69 Knots = 79.4 MPH

70 Knots = 80.55 MPH

71 Knots = 81.7 MPH

72 Knots = 82.85 MPH

73 Knots = 84.01 MPH

74 Knots = 85.16 MPH

75 Knots = 86.31 MPH

76 Knots = 87.46 MPH

77 Knots = 88.61 MPH

78 Knots = 89.76 MPH

79 Knots = 90.91 MPH
80 Knots = 92.06 MPH
81 Knots = 93.21 MPH
82 Knots = 94.36 MPH
83 Knots = 95.51 MPH
84 Knots = 96.66 MPH
85 Knots = 97.81 MPH
86 Knots = 98.97 MPH
87 Knots = 100.12 MPH start of 100 mph wind gusts
88 Knots = 101.27 MPH
89 Knots = 102.42 MPH
90 Knots = 103.57 MPH
91 Knots = 104.72 MPH
92 Knots = 105.87 MPH
93 Knots = 107.02 MPH
94 Knots = 108.17 MPH
95 Knots = 109.32 MPH
96 Knots = 110.47 MPH
97 Knots = 111.62 MPH
98 Knots = 112.77 MPH
99 Knots = 113.93 MPH
100 Knots = 115.08 MPH
101 Knots = 116.23 MPH
102 Knots = 117.38 MPH
103 Knots = 118.53 MPH
104 Knots = 119.68 MPH
105 Knots = 120.83 MPH