



**2018**

# TOP 10 WISCONSIN WEATHER EVENTS

- 1 JANUARY 22-23 WINTER STORM**
- 2 APRIL 13-15 BLIZZARD**
- 3 JUNE 14-17 NW WI FLOODING**
- 4 AUGUST 20-21 DANE CO FLOODING**
- 5 AUGUST 26-27 EC WI FLOODING**
- 6 AUGUST 27-28 SW WI FLOODING**
- 7 AUGUST 28 SEVERE WINDS AND TORNADOES**
- 8 SEPTEMBER 3-5 SW WI FLOODING**
- 9 EXTREME MONTHLY TEMPERATURE TRENDS**
- 10 RECORD PRECIPITATION IN 2018**

THESE CHRONOLOGICALLY LISTED WEATHER EVENTS HAVE BEEN COORDINATED BY THE WARNING COORDINATION METEOROLOGISTS FROM THE NATIONAL WEATHER SERVICE OFFICES IN WISCONSIN. CLIMATE RELATED INFORMATION AND MAPS ARE FROM THE NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION AND THE MIDWEST REGIONAL CLIMATE CENTER.

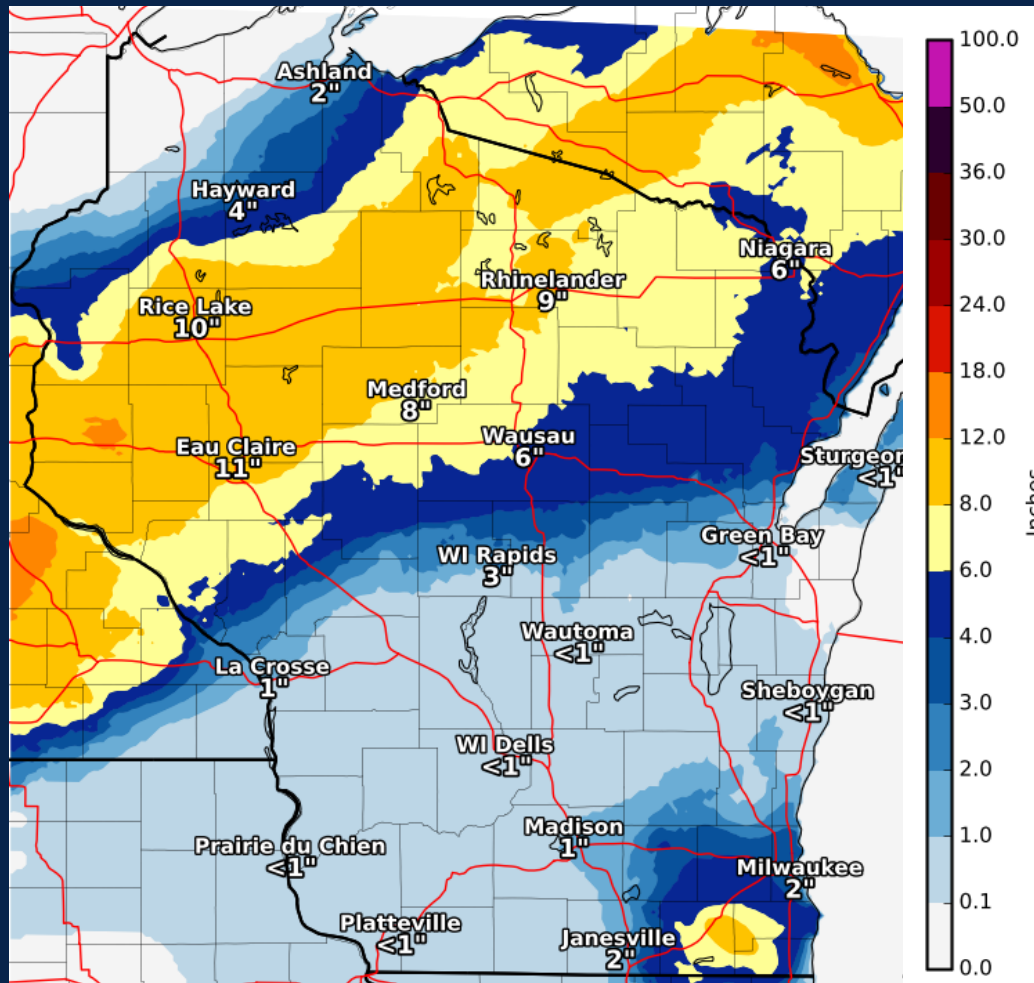
FOR QUESTIONS/COMMENTS, PLEASE CONTACT NWS MILWAUKEE WARNING COORDINATION METEOROLOGIST TIM HALBACH AT [TIMOTHY.J.HALBACH@NOAA.GOV](mailto:TIMOTHY.J.HALBACH@NOAA.GOV)

# #1 JANUARY 22-23 WINTER STORM

WINTER STORM BRINGS HEAVY SNOW AND WINDY CONDITIONS FROM WESTERN TO NORTHEAST WISCONSIN

## SNOW TOTALS:

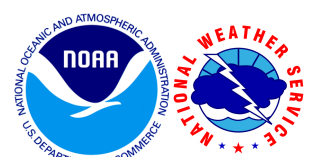
<b>PRESCOTT</b>	<b>14.1"</b>
<b>CHETEK</b>	<b>13.0"</b>
<b>GLEN FLORA</b>	<b>12.5"</b>
<b>BALDWIN</b>	<b>12.5"</b>
<b>SOMERSET</b>	<b>12.0"</b>
<b>BAY CITY</b>	<b>12.0"</b>
<b>MEDFORD</b>	<b>12.0"</b>
<b>BARRON</b>	<b>11.5"</b>
<b>ALTOONA</b>	<b>11.5"</b>
<b>ELK MOUND</b>	<b>11.0"</b>
<b>RHINELANDER</b>	<b>10.7"</b>
<b>DOWNSVILLE</b>	<b>10.5"</b>
<b>LADYSMITH</b>	<b>10.3"</b>
<b>CHIPPEWA FALLS</b>	<b>10.2"</b>
<b>WESTBORO</b>	<b>10.0"</b>



WINTER STORM AND BLIZZARD CONDITIONS OCCURRED ACROSS MUCH OF THE NORTHERN GREAT PLAINS AND UPPER MIDWEST. HEAVY SNOW AND WINDY CONDITIONS OCCURRED OVER WESTERN TO NORTHEAST WISCONSIN FROM THE MORNING OF JANUARY 22 TO THE EARLY MORNING HOURS OF JANUARY 23. 6 TO 14 INCHES OF SNOW FELL WITH HIGHER DRIFTS. A SMALLER AREA OF HEAVY, WET SNOW DEVELOPED IN SOUTHEAST WISCONSIN WHERE 6-9 INCHES OF SNOW FELL.



Thomas Sanford  
Rice Lake, WI

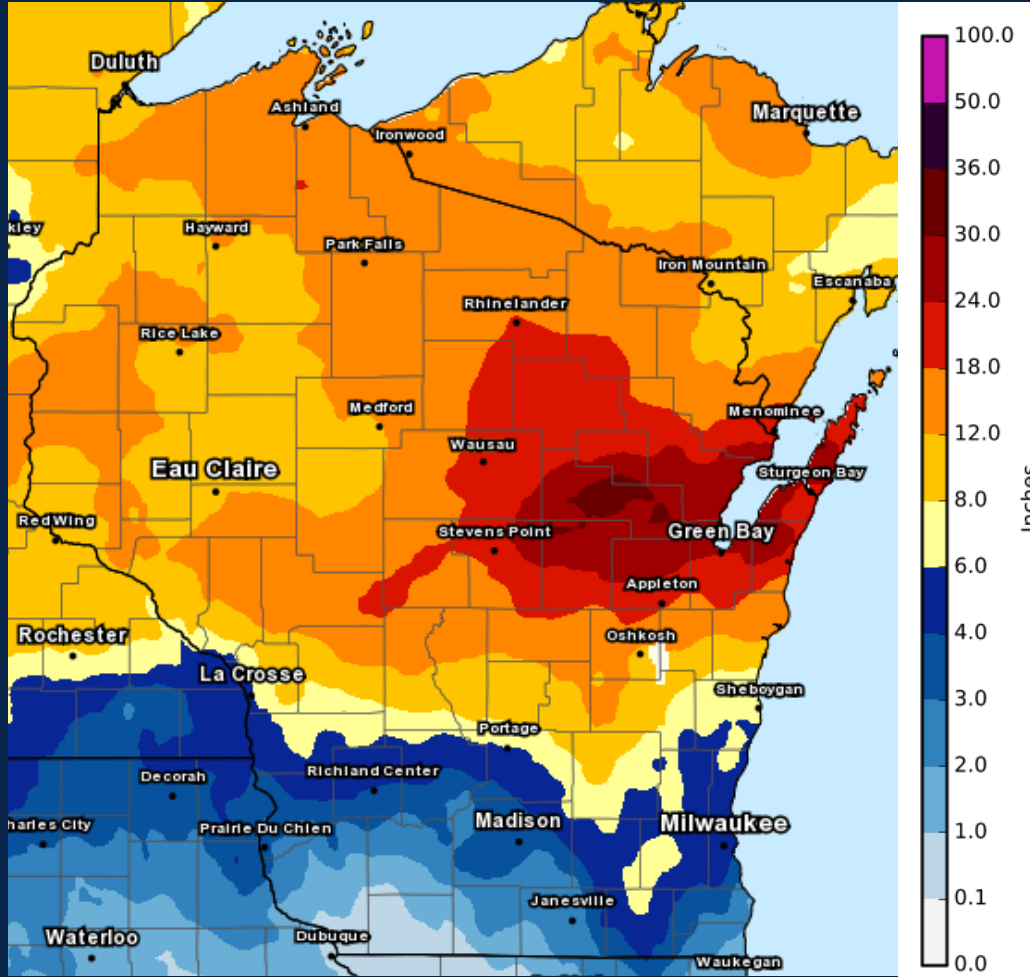


# #2 APRIL 13-15 BLIZZARD

## HISTORIC LATE SEASON BLIZZARD PUMMELED NORTHEAST AND NORTH CENTRAL WISCONSIN ON APRIL 13-15.

### SNOW TOTALS:

CARLSVILLE	31.6"
TIGERTON	30.6"
STILES	30.5"
SHAWANO	29.8"
OCONTO	29.0"
WAUPACA	28.4"
NEW LONDON	28.3"
PULASKI	28.0"
PESHTIGO	27.5"
SUAMICO	25.5"
EPHRAIM	25.0"
BAILEYS HARBOR	24.8"
KRAKOW	24.5"
NWS GREEN BAY	24.2"
ASHWEBENON	23.7"
APPLETON	22.0"



A LARGE AREA OF 15 TO 30 INCHES OF SNOW AND WINDS GUSTING OVER 45 MPH REWROTE THE RECORD BOOKS FOR MANY LOCATIONS. THE HEAVY WEIGHT OF THE SNOW CAUSED SEVERAL ROOFS TO COLLAPSE. THE STORM BROUGHT BLIZZARD CONDITIONS TO MUCH OF THE AREA AND MADE ROADS IMPASSABLE.



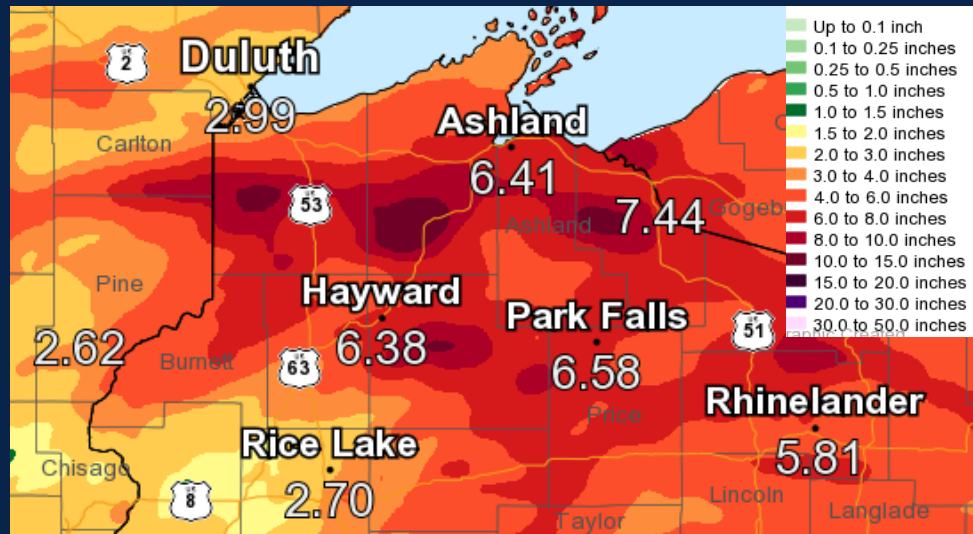


# #3 JUNE 14-17 NW WI FLOODING

MAJOR FLOODING IN THE NORTHLAND CAUSED ROADS, BRIDGES AND CULVERTS TO BE FLOODED AND WASHED OUT.

## 3-DAY RAIN TOTALS:

<b>DRUMMOND</b>	<b>15.04"</b>
<b>BRULE</b>	<b>10.73"</b>
<b>GILE</b>	<b>8.32"</b>
<b>WASHBURN</b>	<b>7.45"</b>
<b>ODANAH</b>	<b>7.16"</b>
<b>PATZAU</b>	<b>6.51"</b>
<b>ASHLAND</b>	<b>6.36"</b>
<b>TWO HARBORS</b>	<b>6.06"</b>

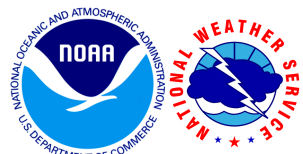


Airfox Photography  
Northern Great Lakes  
Visitor Center

3 DAY RAINS CAUSED RECORD FLOODING W/DOUGLAS, BAYFIELD, ASHLAND, IRON AND BURNETT COUNTIES BEING THE HARDEST HIT.



WisDOT  
Bayfield Co



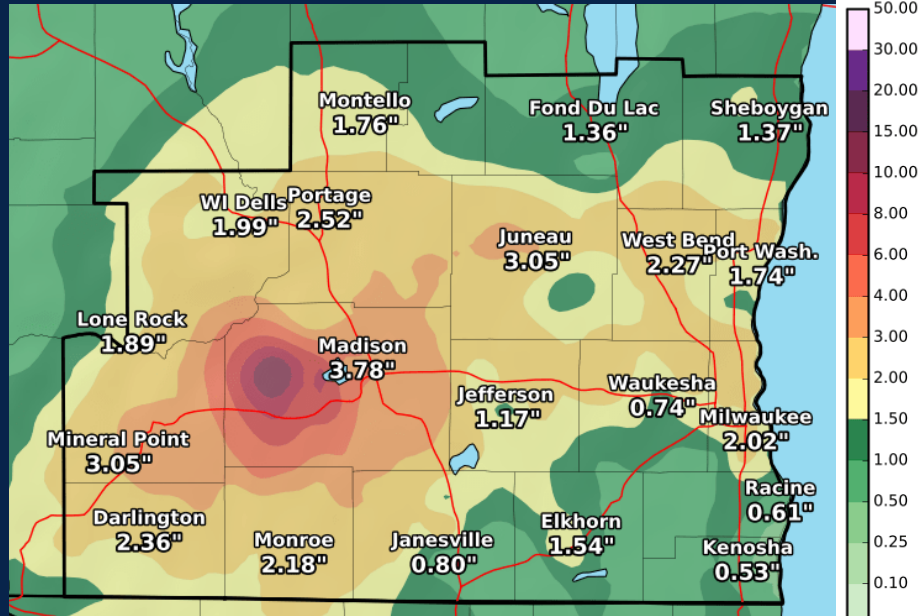


# #4 AUGUST 20-21 DANE CO FLOODING

MAJOR FLASH FLOODING ACROSS WESTERN DANE COUNTY LEADS TO LONG TERM YAHARA CHAIN OF LAKES FLOODING.

## RAIN TOTALS:

<b>MADISON 6W</b>	<b>11.63"</b>
<b>MIDDLETON</b>	<b>11.03"</b>
<b>M-CHARMANY</b>	<b>9.62"</b>
<b>MT. HOREB</b>	<b>7.24"</b>
<b>OREGON</b>	<b>4.24"</b>
<b>DEERFIELD</b>	<b>4.20"</b>
<b>BARNEVELD</b>	<b>4.10"</b>
<b>BROOKLYN</b>	<b>4.02"</b>



**WEM**  
Hwy 14 Bridge



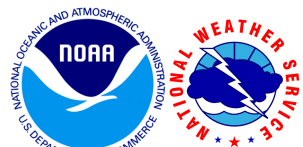
NEAR STATE ALL-TIME RECORD FLOODING OCCURRED IN WESTERN DANE COUNTY ON THE NIGHT OF AUGUST 20. MANY LOCATIONS SAW 7 TO 12 INCHES OF RAIN WITHIN ONLY A FEW HOURS!



DJI 0959  
©DMA WEM



Shorewood Hills



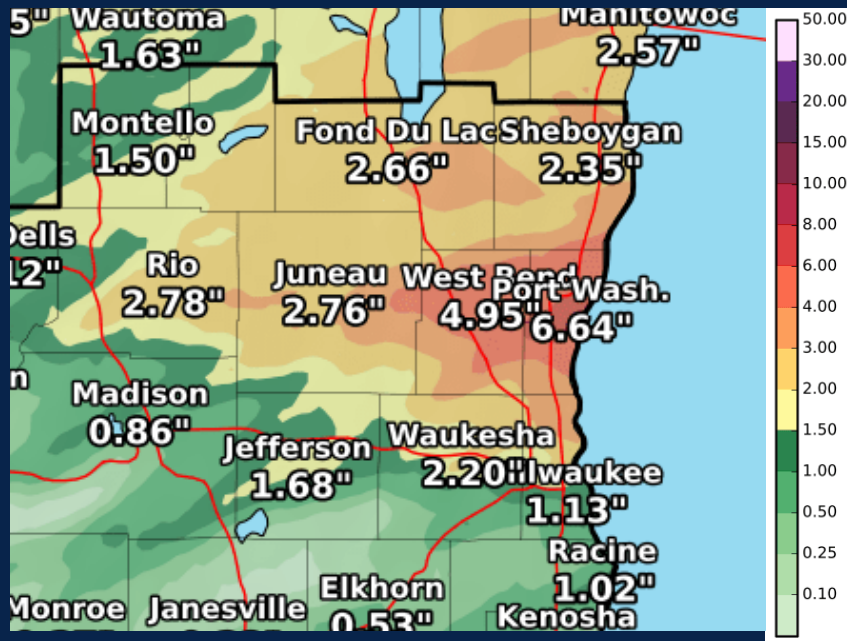


# #5 AUGUST 26-27 EC WI FLOODING

## SIGNIFICANT FLASH FLOODING IN WASHINGTON AND OZAUKEE COUNTIES WHICH CLOSED I-43 AND OTHER ROADS.

### RAIN TOTALS:

PORT WASHINGTON	9.18"
RANDOM LAKE	8.40"
KEWASKUM	7.50"
WEST BEND	7.25"
SAUKVILLE	6.90"
MILLHOME	6.36"
ALLENTON	5.52"
JACKSON	5.48"
SHEBOYGAN	5.48"

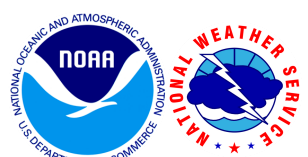


Town of Farmington

FLASH FLOODING OCCURRED ACROSS EAST CENTRAL WISCONSIN WHERE 4 TO 10 INCHES OF RAIN FELL. THIS HEAVY RAINFALL CAUSED INTERSTATE 43 TO CLOSE BETWEEN MILE MARKERS 101 AND 107. NUMEROUS HOMES HAD BASEMENT DAMAGE DUE TO THE FLOODING AND MANY ROADS WERE WASHED OUT.



Grafton



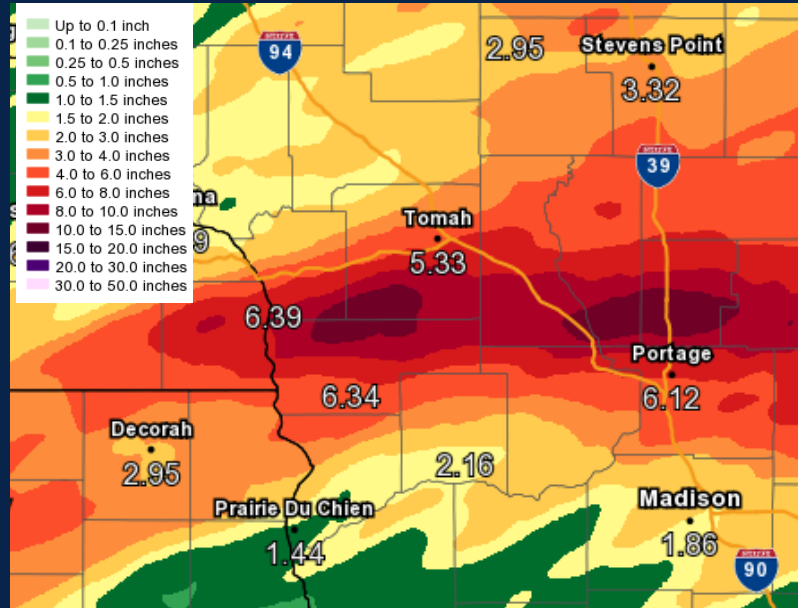


# #6 AUGUST 27-28 SW WI FLOODING

MAJOR FLASH FLOODING IN SOUTHWEST WISCONSIN WITH RECORD FLOODING OCCURRING ALONG THE KICKAPOO RIVER.

## RAIN TOTALS:

<b>CASHTON</b>	<b>12.86"</b>
<b>WISCONSIN DELLS</b>	<b>12.44"</b>
<b>WESTBY</b>	<b>12.03"</b>
<b>MAUSTON</b>	<b>11.40"</b>
<b>HILLSBORO</b>	<b>11.16"</b>
<b>ST. JOSEPH</b>	<b>11.03"</b>
<b>GRAND MARSH</b>	<b>10.57"</b>
<b>LA CROSSE</b>	<b>9.81"</b>
<b>OXFORD</b>	<b>8.90"</b>



Fred Hill  
Ontario, WI



WEM  
Viola, WI

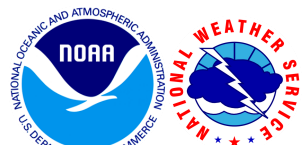


WEM  
Ontario, WI



WEM  
Monroe-Adams Co Line

SEVERAL ROUNDS OF SEVERE WEATHER IMPACTED WEST CENTRAL WISCONSIN FROM THE 27TH TO 28TH WITH RAINFALL TOTALS IN THE 6 TO 13 INCH RANGE. NUMEROUS COMMUNITIES IN SOUTHWEST WISCONSIN EXPERIENCED RECORD FLOODING. THIS INCLUDED EVACUATIONS AND RESCUES DURING THE PEAK OF THE FLOODING.

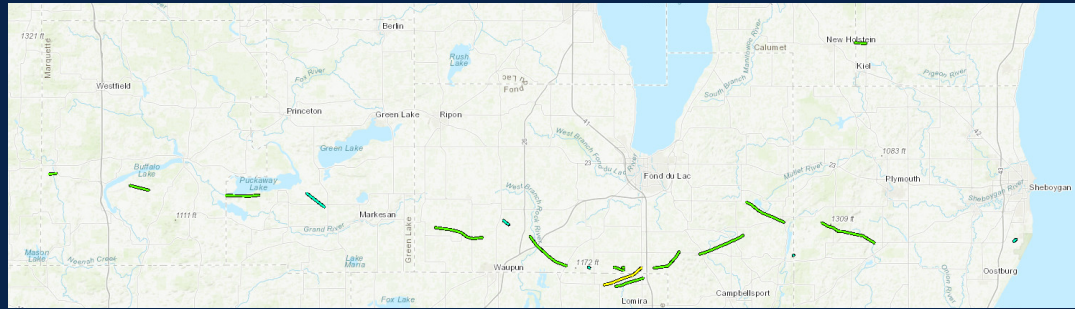




# #7 AUG 28 SEVERE WIND/TORNADOES

MAJOR WIND DAMAGE CAUSED BY A SQUALL LINE PRODUCED 80-100 MPH STRAIGHT LINE WINDS AND 19 TORNADOES.

TORNADOES:	MAG:
OXFORD	EF1
ENDEAVOR	EF1
MARQUETTE	EF1
MARKESAN	EF0
ALTO	EF1
BRANDON	EF0
WAUPUN	EF1
OAKFIELD	EF0
SOUTH BYRON 1	EF1
BROWNSVILLE 1	EF2
SOUTH BYRON 2	EF1
BROWNSVILLE 2	EF1
EDEN 1	EF1
EDEN 2	EF1
DUNDEE 1	EF1
DUNDEE 2	EF0
NEW HOLSTEIN	EF1
CASCADE	EF1
OOSTBURG	EF0



Brownsville, WI



CJ Mountour  
Alto, WI

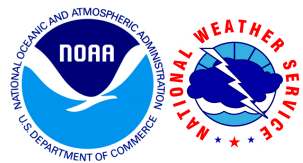


Alto, WI



Alto, WI

A POTENT LINE OF SEVERE THUNDERSTORMS MOVED THROUGH CENTRAL WISCONSIN WITH 19 TORNADOES OCCURRING (5 EF0, 13 EF1, 1 EF2). THE AMOUNT OF DAMAGE TO TREES AND AGRICULTURAL FIELDS WAS STAGGERING.



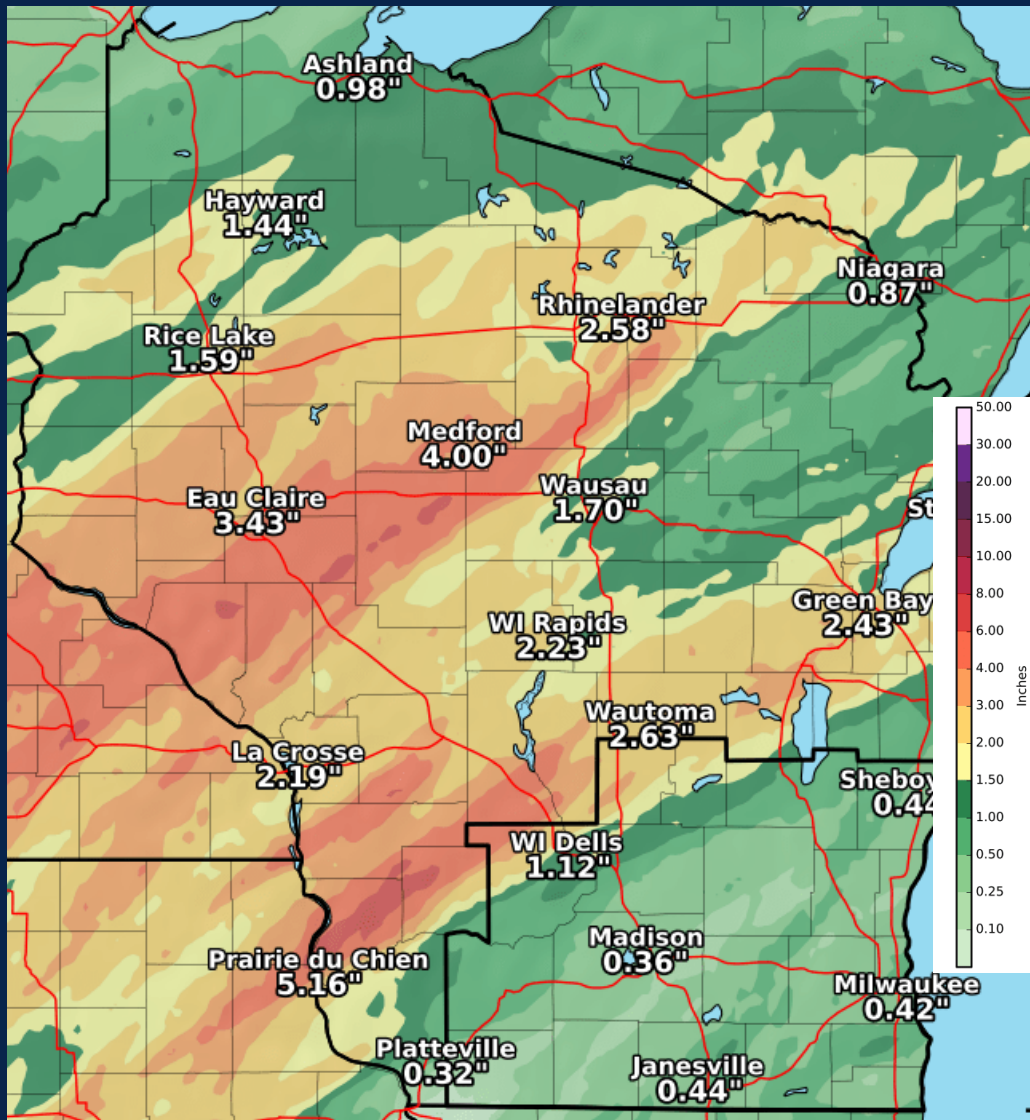


# #8 SEPTEMBER 3-5 SW WI FLOODING

WIDESPREAD STREET AND URBAN FLOODING WITH MANY RIVERS GOING BACK INTO MAJOR FLOOD STAGE.

## RAIN TOTALS:

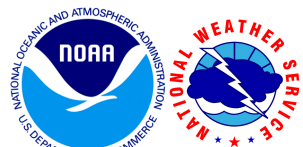
OWEN	6.15"
READSTOWN	5.93"
ARGONNE	5.17"
GAYS MILLS	5.25"
MERRILL	4.91"
HILLSBORO	4.83"
OSSEO	4.55"
ALMA	4.48"
MAUSTON	4.44"
ALTOONA	4.27"
GRAND MARSH	4.16"
STRATFORD	4.10"
FLORENCE	4.02"



RIVERS HAD ALREADY BEEN AT HIGH LEVELS DUE TO FLOODING THAT OCCURRED IN LATE AUGUST. HEAVY RAIN FELL ACROSS MUCH OF THE WESTERN HALF OF THE STATE. ROCK AND MUD SLIDES WERE REPORTED IN SOME HILLY LOCATIONS AND THERE WERE NUMEROUS ROAD CLOSURES, PARTICULARLY IN SOUTHWEST WISCONSIN.



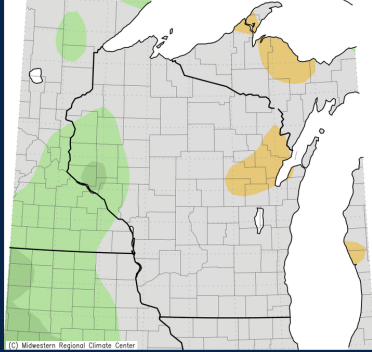
Viola, WI



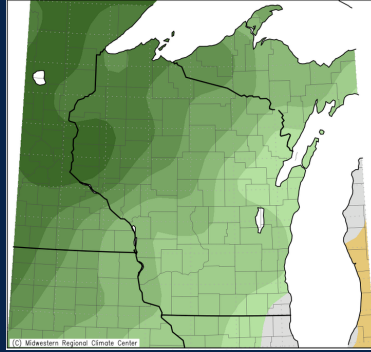
# #9 EXTREME MONTHLY TEMP TRENDS

## ROLLER COASTER TEMPERATURE TRENDS THROUGH THE YEAR WITH WELL BELOW AND ABOVE NORMAL PERIODS

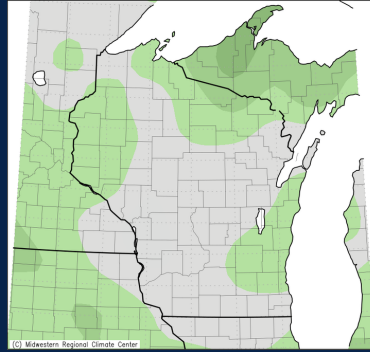
### JANUARY



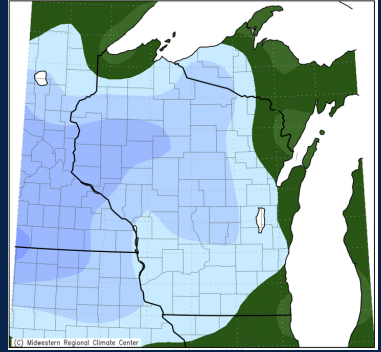
### FEBRUARY



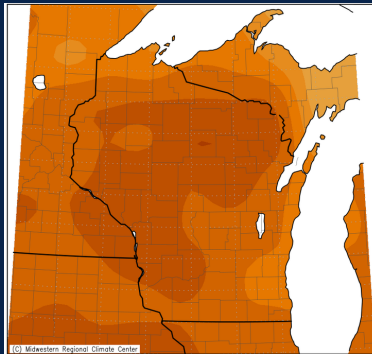
### MARCH



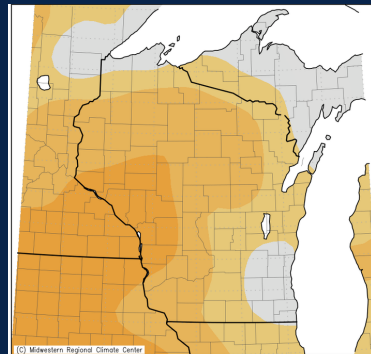
### APRIL



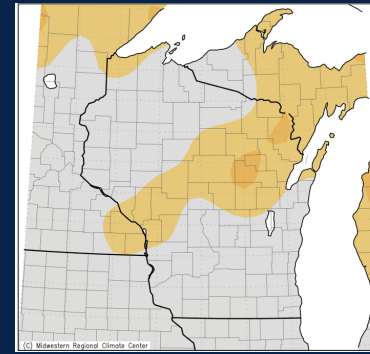
### MAY



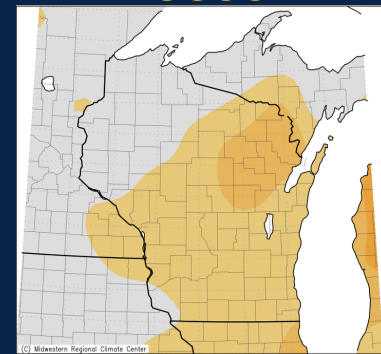
### JUNE



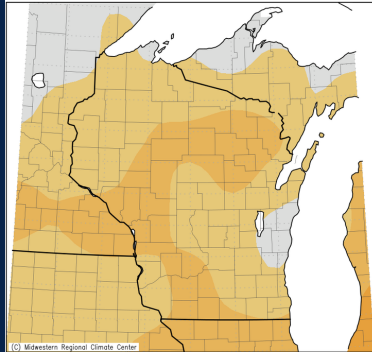
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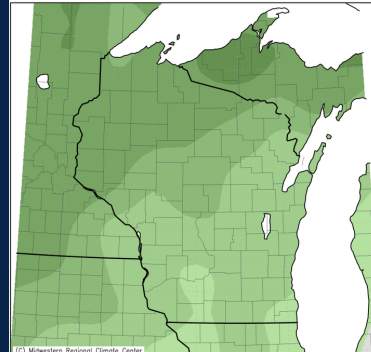
### AUGUST



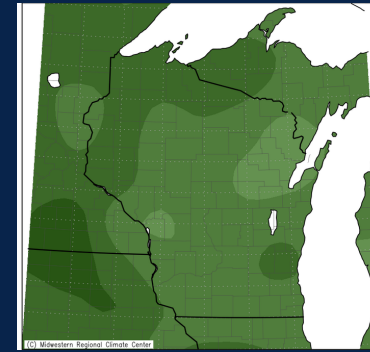
### SEPTEMBER



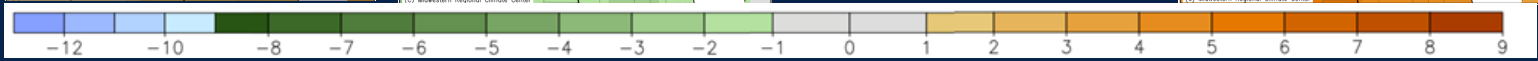
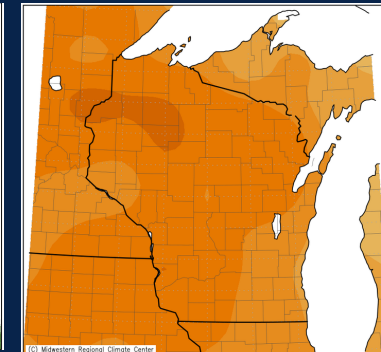
### OCTOBER



### NOVEMBER



### DECEMBER



**ABOVE:**

**MAY: +5 TO +9F**  
**JUN: 0 TO +4F**  
**JUL: 0 TO +3F**  
**AUG: 0 TO +3F**  
**SEP: 0 TO +3F**  
**DEC: +4 TO +7F**

**BELOW:**

**FEB: -2 TO -9F**  
**MAR: 0 TO -3F**  
**APR: -7 TO -12F**  
**OCT: -1 TO -5F**  
**NOV: -5 TO -8F**

**NEAR:**

**JAN: -2 TO +2F**



# #10 YEARLY RECORD PRECIPITATION

MANY DAILY, MONTHLY AND YEARLY RECORDS WERE BROKEN FOR PRECIPITATION ACROSS WISCONSIN THIS YEAR.

## TOTAL PRECIPITATION

MADISON	60.25"
MT HOREB	62.66"
MIDDLETON	62.57"
LANCASTER	59.64"
CHARMANY FARM	58.83"
MAUSTON	58.22"
MILTON	58.08"
WATERTOWN	57.65"
GENOA	57.58"
ARGYLE	57.22"
MINERAL POINT	57.20"
HILLSBORO	57.07"
WISCONSIN DELLS	56.50"
STOUGHTON	56.49"
CASHTON	55.92"
PRAIRIE DU CHIEN	55.25"
MONTELLO	55.10"
DODGEVILLE	54.95"
RICHFIELD	54.88"
REEDSBURG	54.59"
VIROQUA	54.34"
PORTAGE	54.03"
WESTBY	53.94"
PARDEEVILLE	53.85"
MONTICELLO	53.69"

