



2010-2019 TOP 10 WISCONSIN WEATHER EVENTS

- 1 GROUNDHOG'S DAY BLIZZARD 2011**
- 2 APRIL 2011 TORNADO OUTBREAK-MERRILL**
- 3 RECORD HOT MARCH/JULY 2012**
- 4 WINTER 2013/2014 COLD**
- 5 JULY 2016 NORTHWOODS FLOODING**
- 6 MAY 2017 LONG TRACK TORNADO-CHETEK**
- 7 APRIL 2018 BLIZZARD**
- 8 AUG/SEP 2018 SEVERE WEATHER**
- 9 JULY 2019 BLOWDOWN**
- 10 WETTEST DECADE**

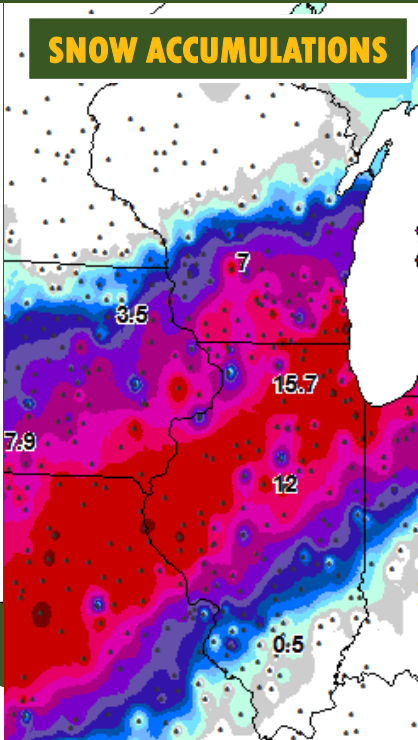
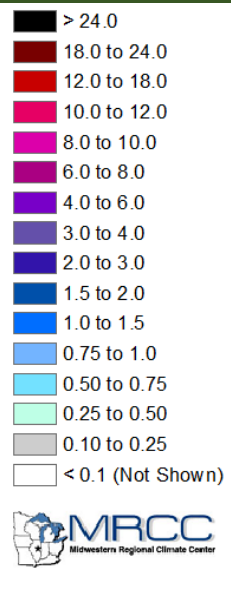
THESE CHRONOLOGICALLY LISTED WEATHER EVENTS HAVE BEEN SELECTED AND COORDINATED BY THE WARNING COORDINATION METEOROLOGISTS FROM THE NATIONAL WEATHER SERVICE OFFICES SERVING WISCONSIN. CLIMATE RELATED INFORMATION AND MAPS ARE FROM THE NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION AND THE MIDWEST REGIONAL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

#1 GROUNDHOG'S DAY BLIZZARD 2011

HISTORICAL WINTER STORM BROUGHT OVER A FOOT OF SNOW AND OVER 60 MPH WINDS TO SOUTHERN WISCONSIN



DONNIE RACE



MANY LOCATIONS SAW BLIZZARD CONDITIONS FROM EARLY EVENING ON THE 1ST THROUGH THE EARLY MORNING HOURS ON THE 2ND. VERY STRONG WINDS WERE ASSOCIATED WITH THIS STORM FOR AN EXTENDED PERIOD OF TIME.



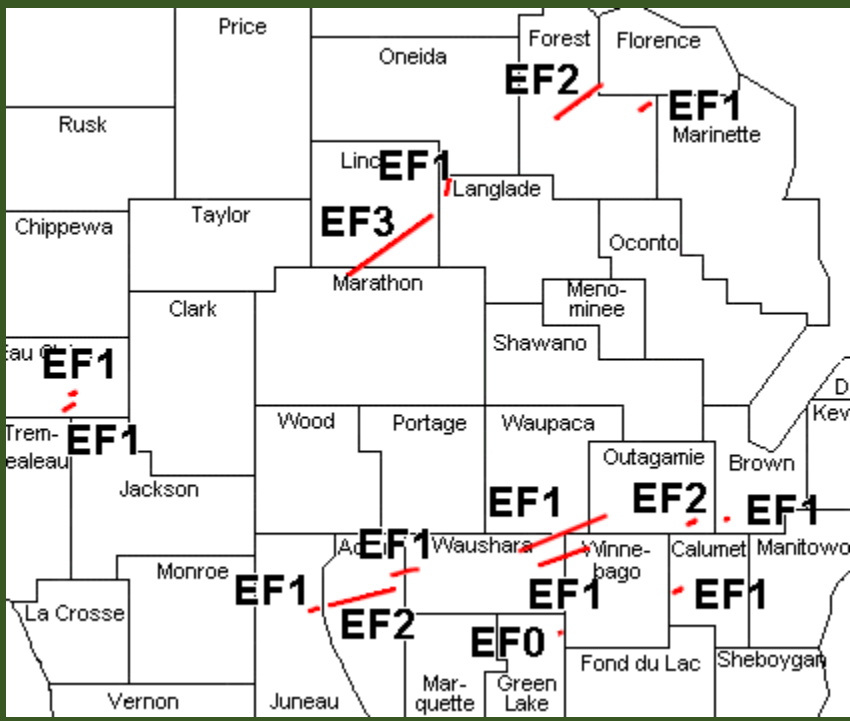
**CALEDONIA
TOM ZAJDEL**



#2 APRIL 10, 2011 TORNADO OUTBREAK

15 TORNADOES AND 80MPH+ DAMAGING WINDS TEAR THROUGH CENTRAL TO NORTHEASTERN WISCONSIN

LOCATION:	MAG:
AUGUSTA	EF-1
AUGUSTA	EF-1
WAUSAU	EF-3
ARKDALE	EF-2
NECEDAH	EF-1
HANCOCK	EF-1
PARISH	EF-1
FREMONT	EF-1
ARGONNE	EF-2
LAKE POYGAN	EF-1
ARMSTRONG CREEK	EF-1
BERLIN	EF-0
KAUKAUNA	EF-2
GREENLEAF	EF-1
STOCKBRIDGE	EF-1



LARGEST APRIL TORNADO OUTBREAK IN WISCONSIN'S HISTORY WITH 15 TORNADOES. THE WORST BEING AN EF-3 BY MERRILL WHICH OCCURRED JUST NORTH OF THE MERRILL AIRPORT. AT LEAST 22 HOMES AND 7 BUSINESSES WERE DESTROYED AND ANOTHER 22 HOMES AND 1 BUSINESS SUSTAINED MAJOR DAMAGE.



**NEAR MERRILL
JULIA BERG**



**NEAR MERRILL
DAVID SLADKY**



ARKDALE



**MERRILL EF3
SAMUEL HALL**



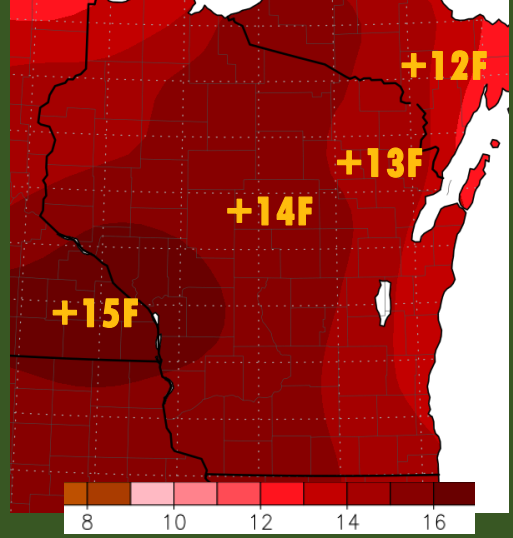
#3 RECORD HOT MARCH/JULY 2012

WARMEST MARCH ON RECORD FOLLOWED BY THE HOTTEST PERIOD OF THE DECADE WITH 5 DAYS IN A ROW OF 100F+

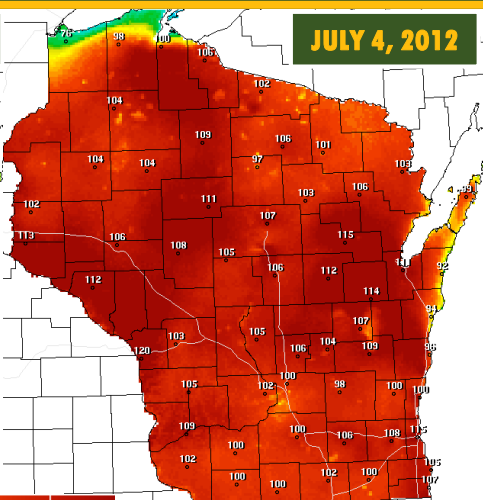
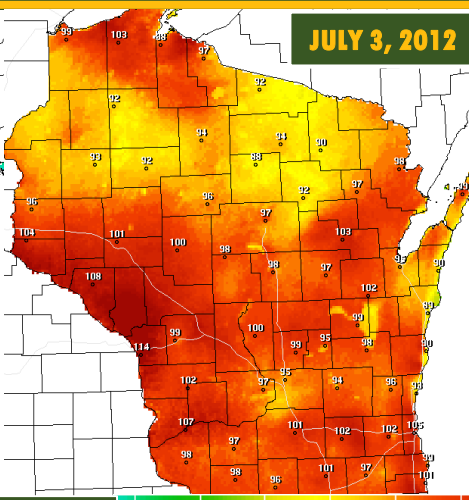
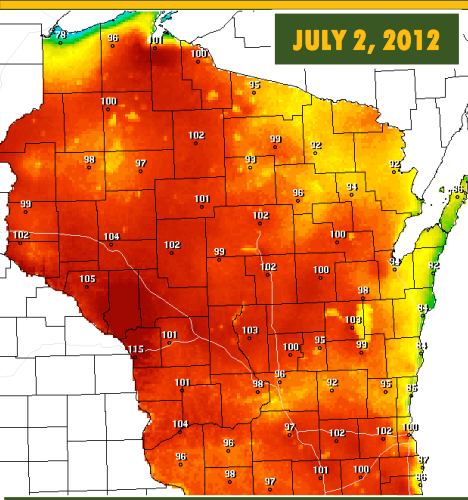


EARLY BLOOMING PLANTS

TEMPERATURE: DEPARTURE FROM NORMAL

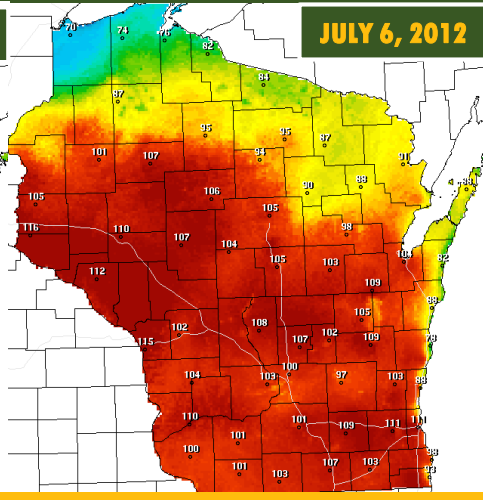
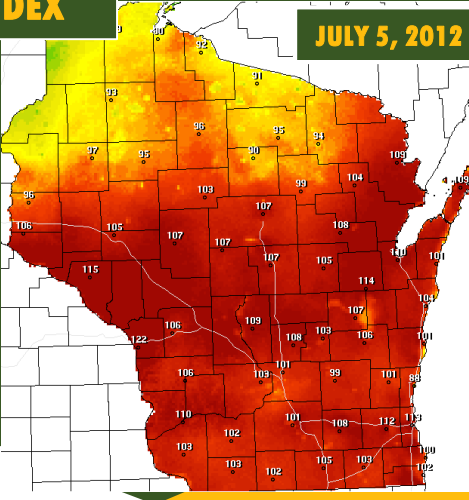


WISCONSIN SMASHED IT'S ALL TIME RECORD STATEWIDE AVERAGE TEMPERATURE BY 5F WITH NUMEROUS DAILY HIGH TEMPERATURE RECORDS BROKEN. THIS EARLY HEAT WAVE LEAD TO MANY PLANTS BLOOMING EARLY, WHICH WERE THEN AFFECTED BY A LATE SPRING FREEZE.



MAXIMUM DAILY HEAT INDEX

LONG DURATION HEAT WAVE WITH HEAT INDICES WELL ABOVE 100F FOR MULTIPLE DAYS. 14 FATALITIES AND 50 INJURIES WERE REPORTED.



#4 COLD WINTER OF 2013-2014

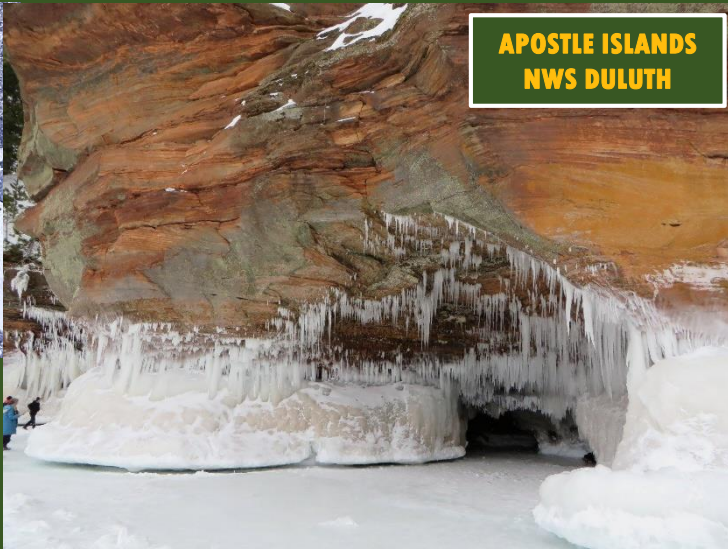
4TH COLDEST WINTER IN WISCONSIN'S HISTORY BRINGS RECORD ICE COVERAGE ON LAKE MICHIGAN



LAKE SUPERIOR ICE COVERAGE



LAKE MICHIGAN RECORD ICE COVERAGE 93.29%



APOSTLE ISLANDS NWS DULUTH

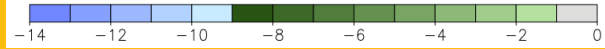
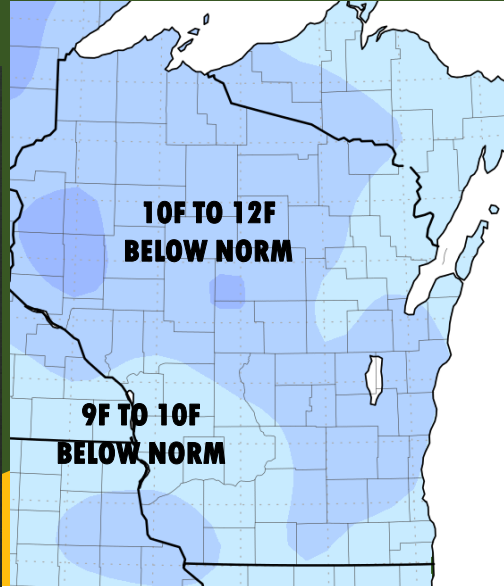
PERSISTENT COLD TEMPERATURES IN THE MIDWEST ALMOST COMPLETELY FROZE OVER THE GREAT LAKES BY LATE FEBRUARY/EARLY MARCH 2014. THE ICE WAS SO THICK AND EXPANSIVE THAT PEOPLE WERE ABLE TO SAFELY VISIT THE ICE CAVES AT THE APOSTLE ISLANDS AND OTHER LOCATIONS ALONG THE SOUTHERN RIM OF LAKE SUPERIOR.

TEMPERATURE: DEPARTURE FROM NORMAL DECEMBER THROUGH FEBRUARY

UW SSEC MODIS IMAGERY MARCH 8, 2014



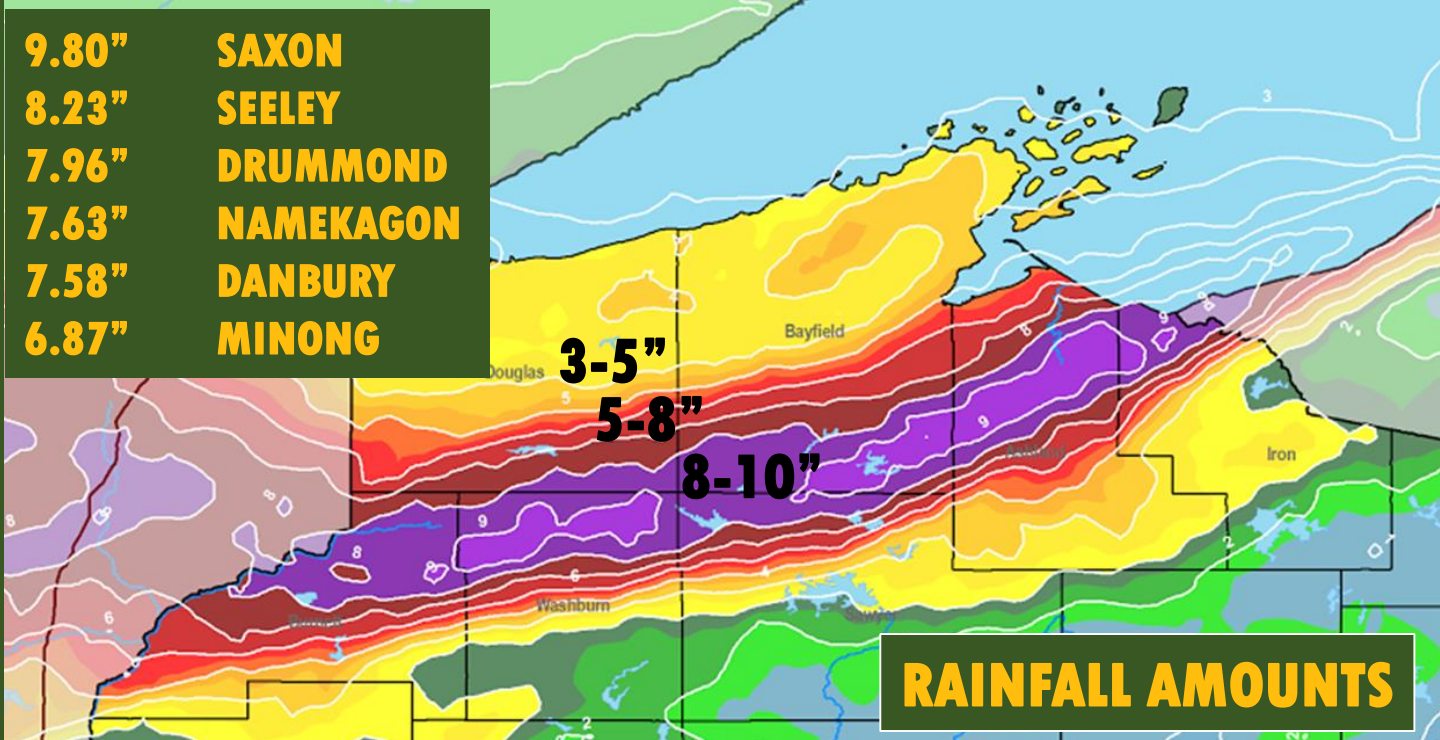
KAY KITTLES



#5 NORTHWOODS FLOODING JULY 2016

WIDESPREAD HEAVY RAINFALL OF 5 TO 10" CAUSES CATASTROPHIC FLOODING WITH NUMEROUS ROAD WASHOUTS

- 9.80" SAXON
- 8.23" SEELEY
- 7.96" DRUMMOND
- 7.63" NAMEKAGON
- 7.58" DANBURY
- 6.87" MINONG



**HWY 13:HIGHBRIDGE
WI EMERGENCY MGMT**



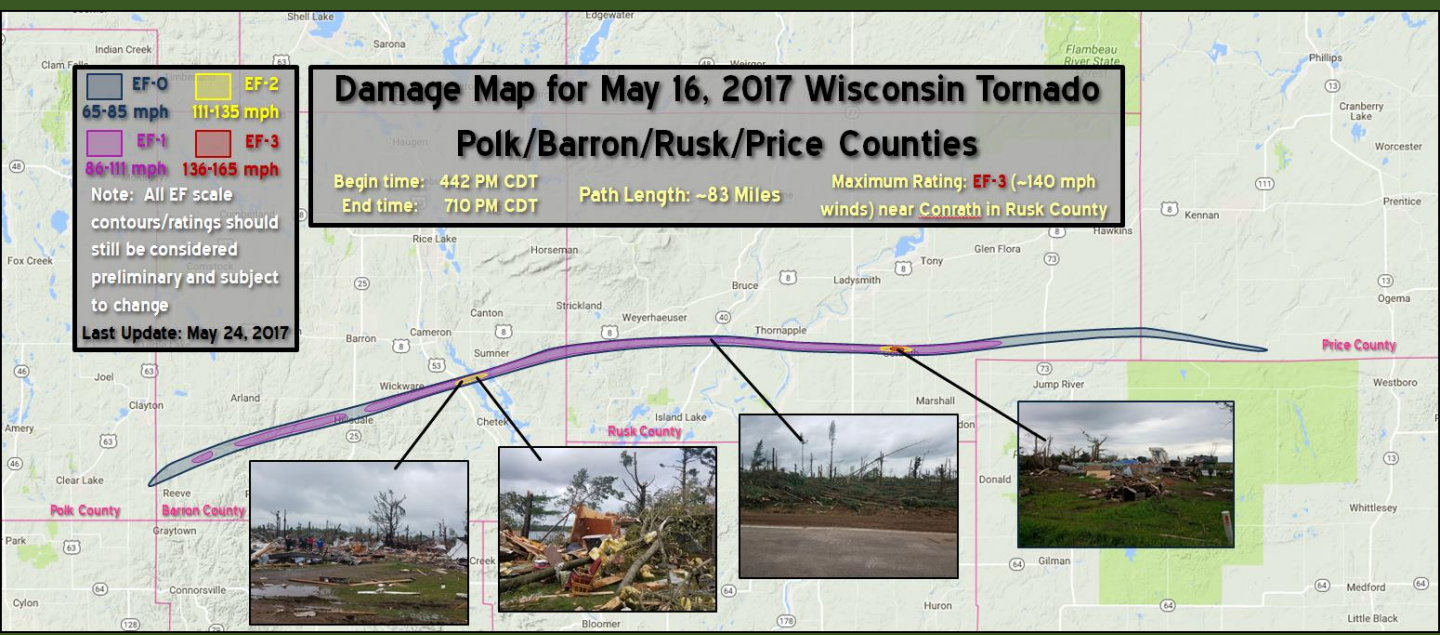
**HWY 2: ASHLAND CO
CIVIL AIR PATROL**



**CTY RD B: IRON CO
IRON CO. SHERIFF**

#6 RECORD LONG TORNADO TRACK-2017

83 MILE LONG TORNADO TRACK BREAKS WI RECORD FOR LONGEST CONTINUOUS PATH WITH 1 FATALITY & 25 INJURIES



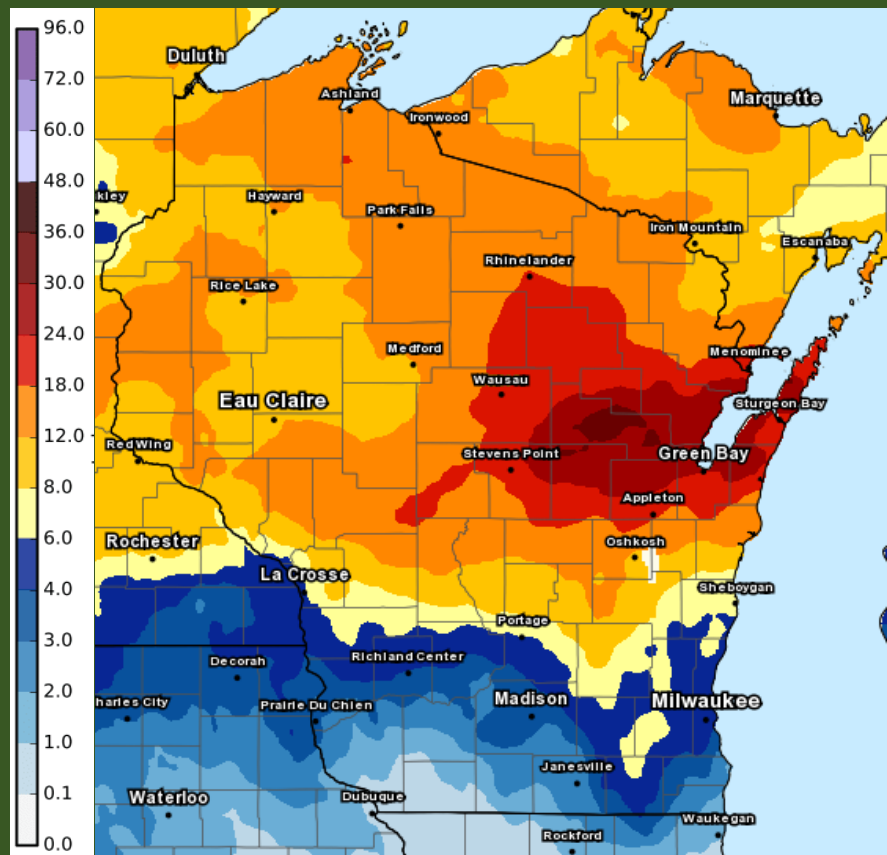
**NORTH OF CHETEK
 EF-2 DAMAGE TO MOBILE HOME PARK**

#7 APRIL 13-15 2018 BLIZZARD

HISTORIC LATE SEASON BLIZZARD PUMMELED NORTHEAST AND NORTH CENTRAL WISCONSIN WITH UP TO 3 FEET OF SNOW

SNOW TOTALS

- 31.6" CARLSVILLE
- 30.6" TIGERTON
- 30.5" STILES
- 29.8" SHAWANO
- 29.0" OCONTO
- 28.4" WAUPACA
- 28.3" NEW LONDON
- 28.0" PULASKI
- 27.5" PESHTIGO
- 25.5" SUAMICO



A LARGE AREA OF 15 TO 30 INCHES OF SNOWFALL OCCURRED OVER A 3 DAY PERIOD AND REWROTE THE RECORD BOOKS IN MANY LOCATIONS. ON TOP OF THE HEAVY SNOW, WINDS OF OVER 45 MPH OCCURRED AS WELL, WHICH LEAD TO SNOWDRIFTS UP OVER 10 FEET HIGH. THE HEAVY WEIGHT OF THE SNOW CAUSED SEVERAL ROOFS TO COLLAPSE. THE STORM BROUGHT BLIZZARD CONDITIONS TO MUCH OF THE NORTHERN HALF OF THE STATE AND MADE MANY ROADS IMPASSABLE.



#8 AUG/SEP 2018 SEVERE WEATHER

MULTIPLE ROUNDS OF SEVERE WINDS, TORNADOES AND FLASH FLOODING OCCUR CAUSING DAMAGE TO SOUTHERN WI

8/17/18 WATERTOWN FLOODING



8/20/18 DANE CO FLOODING



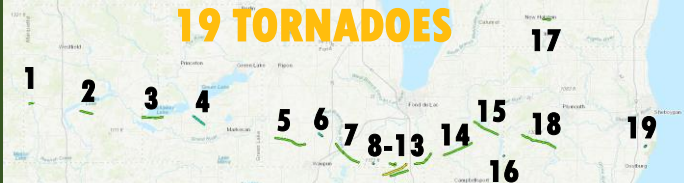
8/26-27/18 EC WI FLOODING



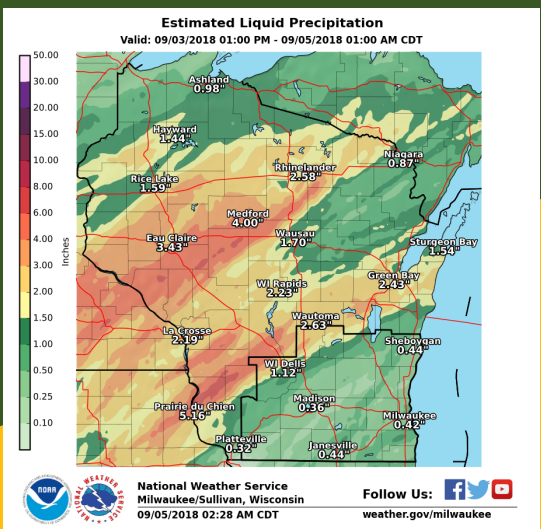
8/27-28/18 SW WI FLOODING



8/28/18 EC WI SEVERE WEATHER

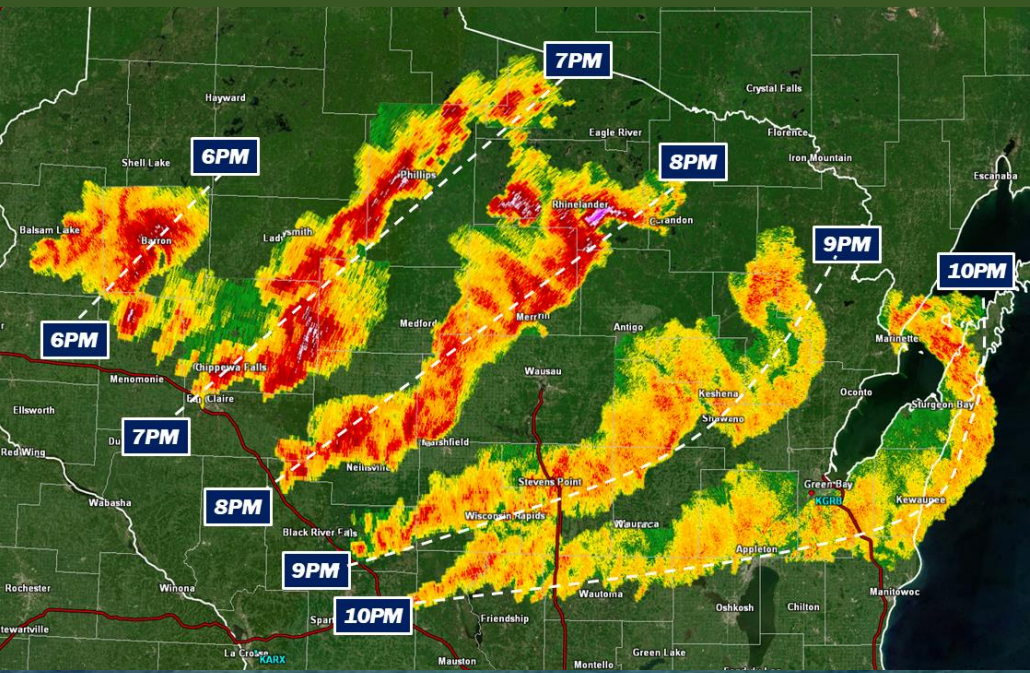


9/3-5/18 SW WI FLOODING



#9 JULY 2019 NORTHERN WI BLOWDOWN

MACROBURST LEVELS HUNDREDS OF THOUSANDS OF TREES ACROSS NORTHERN WISCONSIN WITH OVER 100 MPH WINDS



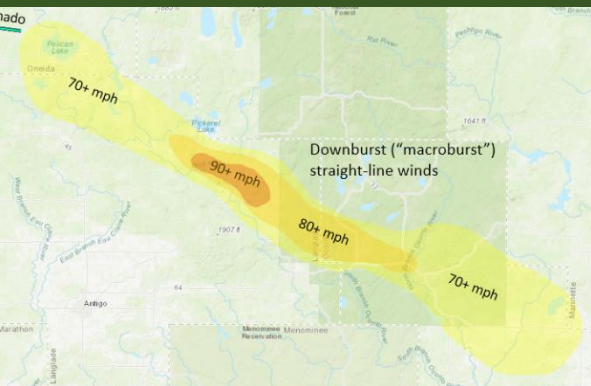
THE WORST DAMAGE WAS ASSOCIATED WITH A "MACROBURST", A LARGE DOWNBURST OF STRAIGHT-LINE WINDS FROM ONEIDA COUNTY THROUGH LANGLADE AND OCONTO COUNTIES. HUNDREDS OF THOUSANDS OF TREES WERE SNAPPED OR UPROOTED, RESULTING IN DAMAGE TO DOZENS OF HOMES AND COTTAGES.

7 TORNADOES ALSO OCCURRED WITH THIS: 4 EF-0 AND 3 EF-1



PICKERAL FIRE DEPARTMENT

STRAIGHT-LINE WIND SPEED ESTIMATES

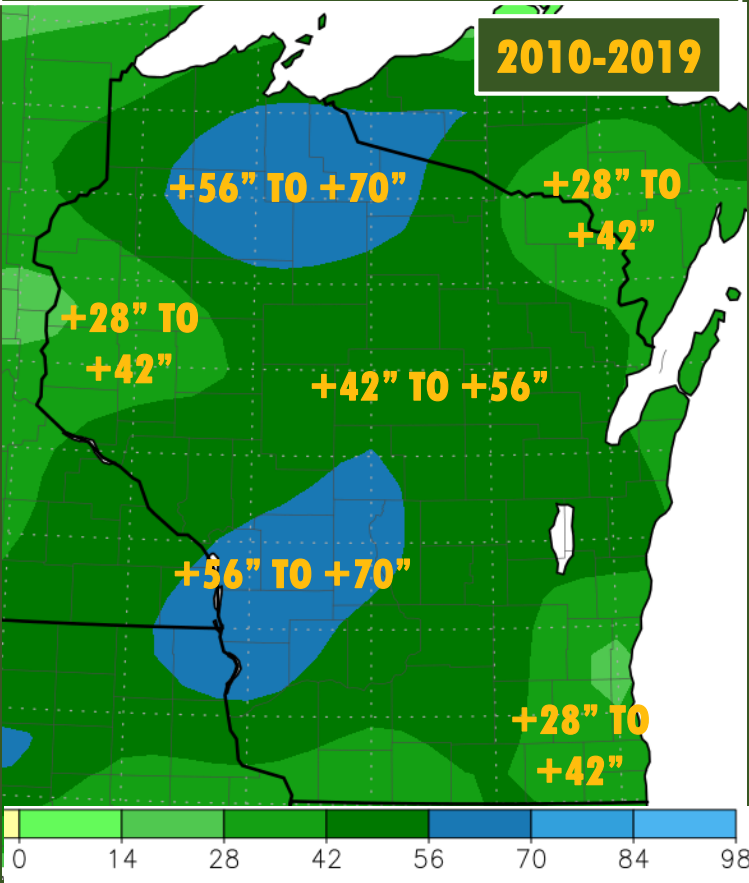


#10 WET DECADE

7 YEARS IN A ROW OF ABOVE NORMAL PRECIPITATION AND FLOODING LEADS TO HIGH WATER LEVELS ACROSS THE STATE AND GREAT LAKES

PRECIPITATION: DEPARTURE FROM NORMAL

2010-2019



WISCONSIN STATEWIDE RANKINGS

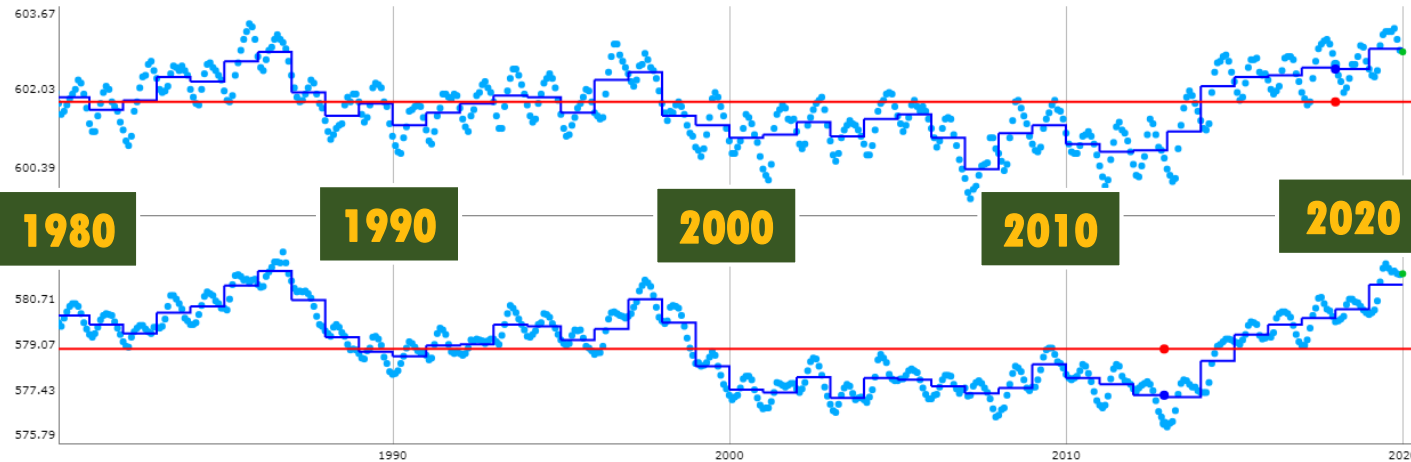
2019: 1 OUT OF 125 YEARS	41.75"*
2018: 3 OUT OF 125 YEARS	39.74"
2016: 4 OUT OF 125 YEARS	39.39"
2010: 5 OUT OF 125 YEARS	39.02"
2017: 10 OUT OF 125 YEARS	37.57"
2014: 11 OUT OF 125 YEARS	37.08"

*2019 DOES NOT INCLUDED DECEMBER



OZAUKE COUNTY
RUSS KRUEGER

LAKE SUPERIOR WATER LEVEL



LAKE MICHIGAN WATER LEVEL



HONORABLE MENTIONS

THERE HAVE BEEN A LOT OF SIGNIFICANT WEATHER EVENTS THAT HAVE OCCURRED OVER THE PAST 10 YEARS. HERE ARE A FEW OTHERS THAT ALSO HAD A BIG IMPACT ON THE STATE

OCTOBER 2010 INTENSE LOW PRESSURE SYSTEM

JULY 22, 2010 S WI TORNADOES & 'SHOREWOOD RAPIDS'

JULY 27, 2010 NORTHERN WI DAMAGING WINDS

DECEMBER 2010 BLIZZARD

MAY 22, 2011 TORNADOES AND LARGE HAIL

AUGUST 7, 2013 SEVERE WEATHER-NEW LONDON

JUNE 16, 2014 SEVERE WEATHER-PLATTEVILLE/VERONA

JUNE 14, 2017 SEVERE WEATHER-APPLETON/KIMBERLY

JANUARY 2019 'POLAR VORTEX'

**JULY 22, 2010
MILWAUKEE**



**DEC 10-12, 2010
LA CROSSE**

**MAY 22, 2011
LA CROSSE**



Near Green Island Park
La Crosse, WI
May 22, 2011

**JUNE 16, 2014
PLATTEVILLE**



JAN 30-31, 2019 WIND CHILLS

