

An Evolving National Weather Service ...

Working with Partners to Build a Weather-Ready Nation

Your Ohio-serving NWS Offices:

Wilmington, OH

Cleveland, OH

Pittsburgh, PA

North Webster, IN

Charleston, WV

Ohio EMA Spring Conference 2017



“Saving Lives Together”



Agenda

**Weather-Ready Nation & Ambassadors: Fred McMullen;
Pittsburgh, PA**

Decision Support Services: Brandon Peloquin; Wilmington, OH

HazMat Support: Julie Dian-Reed; Wilmington, OH

**Exercise Planning & Participation: Michael Lewis; North Webster,
IN**

**Panel Discussion – ALL – Moderated by Ken Haydu; Wilmington,
OH**



“Saving Lives Together”





Weather-Ready Nation Ambassadors



Are You Weather Ready?

KNOW
YOUR
RISKS



BE AN EXAMPLE



Building a Weather-Ready Nation

Weather-Ready Nation Rising

Total Number of WRN Ambassadors Since 2014

6000

5000

4000

3000

2000

1000

0

January 28, 2014
1st WRN Ambassador
National Environmental Education Foundation

February 27, 2016
#2500 WRN Ambassador
Waconia Brewing Company,
WFO Twin Cities

March 29, 2017
#5000 WRN Ambassador
Real Country 97.3 (KBLR),
WFO Omaha

www.noaa.gov/wrn





WRN Ambassador Initiative

How is this different from StormReady?



WRN Ambassadors

- * opening of door
- * aspirational
- * contribute as able
- * organization based

StormReady

- * higher level of commitment
- * verified requirements/recertified
- * standardized level of participation
- * site location based



WRN Ambassadors & StormReady

- * Both are ways external partners can contribute to WRN
- * Both stress value of partnership
- * Both are additive...not duplicative





Ambassadors Expanding NWS Reach



#LightningSafety



Property Casualty @PCIAA 7/2/15

Which is safer when it is lightning?
Your car or the picnic pavilion? Your car! Roll up the windows.
#LightningSafety weather.gov/lightning



Penny Pritzker @PennyPritzker 1d

Learn more about @NOAA's tips for staying safe this summer during a storm **#LightningSafety** lightningsafety.noaa.gov



Citizens @citizens_fl 7/12/15

Lightning Safety tips for the outdoors
Stay safe! **#lightningsafety**
pic.twitter.com/YHRfHX0yBl via @NWSWilmingtonNC



NWS @NWS 7/15/15

Weather-Ready Wednesday. Never safe outside when lightning is on-going. weather.gov/lightning **#LightningSafety #WRW**



Utah Emergency Mgmt @Ut...

Our latest blog post: When Thunder Roars, Go Indoors dem.utah.gov/2015/07/15/whe. **#lightningsafety #summersafety**



Eastern Insurance @EasternIns 8/15/15

Serious thunder & lightning out the today. Stay safe with these **#LightningSafety** tips: 1.usa.gov/1I9iXrf

country this week. Stay safe w/ these tips!
rdcrss.org/LIGHTNING



APHA @PublicHealth 4d

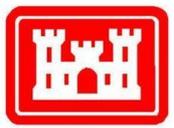
DYK? 17 people in US have died from lightning this year. @NWS safety tips: goo.gl/V9Ysyr **#LightningSafety**
pic.twitter.com/RZk7hksMWL





WRN Ambassador Initiative

Established Partners



US Army Corps of Engineers®
Tulsa District

FARMERS



FEMA

weather.com



Building a Weather-Ready Nation



[*wrn.feedback@noaa.gov*](mailto:wrn.feedback@noaa.gov)

www.weather.gov

www.noaa.gov/wrn



WRN Ambassadors

Easy-to-fill-out form

Weather-Ready Nation Ambassador Application



Organization Title:
First Name:
Last Name:
Contact's Position Title:

Phone Number:
Email Address:
Website:



Organizational Relationship

Do you currently have a relationship with NOAA/NWS?
If **yes**, please provide NOAA/NWS contact name and office and nature of partnership. If **no**, is your organization at the national, regional, state, or local scale?

Yes:

No:

Organization Zip Code

This information is being used to determine the appropriate NOAA office for your organization.

Zip Code:

Please check the option that best applies to your organization

- | | |
|--|---|
| <input type="checkbox"/> Government Agency | <input type="checkbox"/> Corporate and Small Business |
| <input type="checkbox"/> Academia | <input type="checkbox"/> Non-Profit, Association or NGO |
| <input type="checkbox"/> Weather, Water, Climate, Environmental Info. Provider | <input type="checkbox"/> Education/Outreach |
| <input type="checkbox"/> Media | <input type="checkbox"/> Other: |



WRN Ambassador Commitment

Please check all four boxes to accept the WRN Ambassador responsibilities for your organization.
On behalf of your organization, you commit to performing the four actions below as a recognized Weather-Ready Nation Ambassador:

- Promote Weather-Ready Nation messages and themes to your stakeholders.
- Engage with NOAA personnel on potential collaboration opportunities.
- Share your success stories of preparedness and resiliency
- Serve as an "Example" by educating employees on workplace preparedness and encouraging personal preparedness at home.



"Saving Lives Together"



What We Can Do For You

Decision Support Services

What are Decision Support Services?

Provision of relevant information and interpretive services to support the decision making by the EM community and other government core partners before, during and after events caused by or impacted by weather and water conditions ... particularly those that may threaten lives and property.

Weather support comes in many forms...

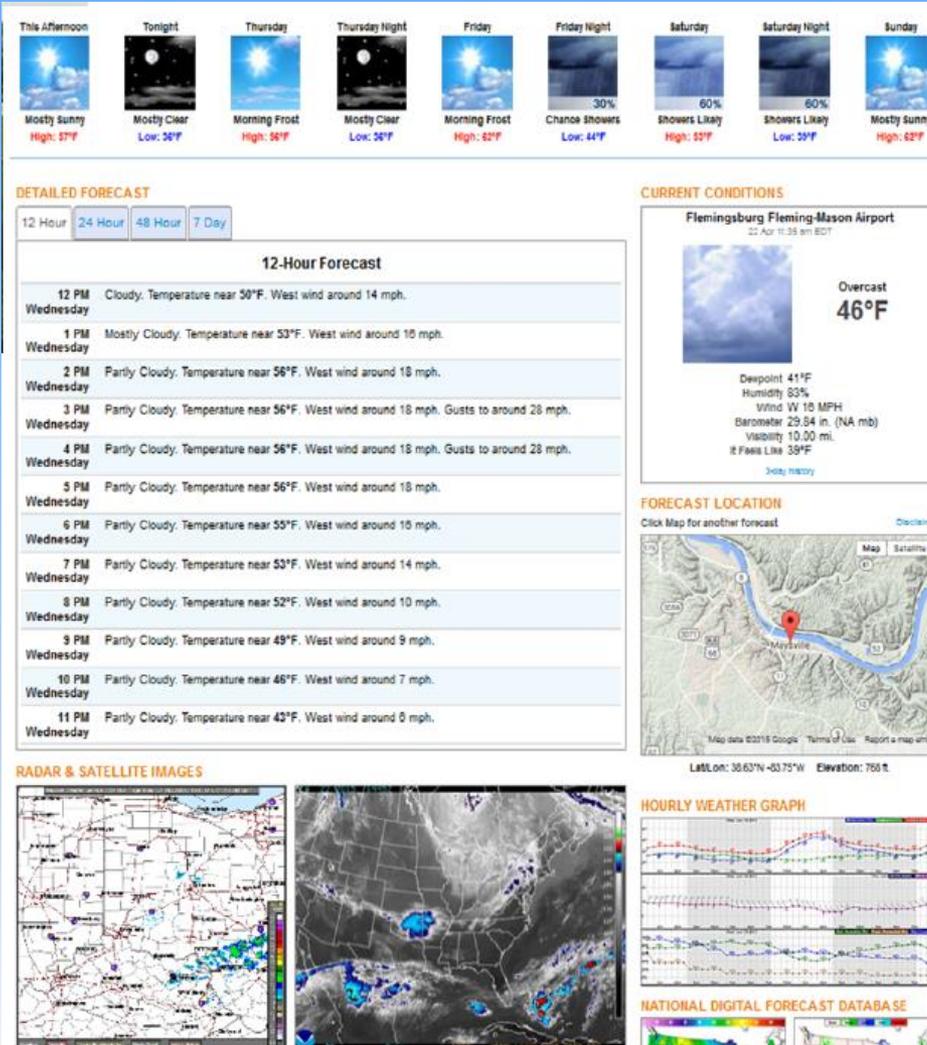


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What We Can Do For You

Decision Support Services



NWS Wilmington OH @NWSILN

HIGHLY LIKELY THAT A TORNADO IS ON THE GROUND CROSSING INTO CLINTON CO. OH. SHOWING THAT IT IS NW OF OGDEN. TAKE COVER.

RETWEETS 109 LIKES 40

3:13 AM - 23 Jun 2016

Reply to @NWSILN

Morganne Paige @killychilly1 · Jun 23
@NWSILN @bronsxwag28 thank you for this 🙏 about 5 MINUTES FROM MY FREAKING HOUSE 🙏

Great Gov Tweets @GreatGovTweets · Jun 24
@NWSILN Congratulations on writing a great gov tweet! shiningsea.measuredvoice.com/NWSILN/status/... (Ranked 12th for Jun 23.)

Beth @BethLS7 · Jun 23
@NWSILN thank you for the warning! It's so dangerous at 3am.

STEPHEN DOWNEY @KingNINIAN · Jun 23
@NWSILN get ragetty Anne and Andy out of the attic.

381WARN WX KC8PGR @381warnwx · Jun 23
@NWSILN @ErikZarnitz Hopefully @NWSILN did themselves



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What We Can Do For You

Decision Support Services

 **Interactive NWS Alert**

New event: Tornado Watch for Hamilton, OH, Dearborn, IN
Sent via email and SMS at 1034 pm EDT, Jun 22nd 2016



Help All Chats **inchat**

Clear Room Log Print Log View As HTML Hide NWSBot Mute Sounds A A*

Message

(09 Apr 11:17 AM) nwsbot: ILN issues [ELEVATED FIRE DANGER THIS AFTERNOON AND EARLY THIS EVENING](#) for Carroll, Gallatin, Boone, Kenton, Campbell, Owen, Grant, Pendleton, Bracken, Robertson, Mason, Lewis [KY] and Adams, Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Darke, Delaware, Fairfield, Fayette, Franklin, Greene, Hamilton, Hardin, Highland, Hocking, Licking, Logan, Madison, Mercer, Miami, Montgomery, Pickaway, Pike, Preble, Ross, Scioto, Shelby, Union, Warren [OH] and Wayne, Fayette, Union, Franklin, Ripley, Dearborn, Ohio, Switzerland [IN] till 3:30 AM GMT

(09 Apr 3:59 PM) nwsbot: ILN issues [ELEVATED FIRE DANGER CONTINUES INTO EARLY EVENING](#) for Carroll, Gallatin, Boone, Kenton, Campbell, Owen, Grant, Pendleton, Bracken, Robertson, Mason, Lewis [KY] and Adams, Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Darke, Delaware, Fairfield, Fayette, Franklin, Greene, Hamilton, Hardin, Highland, Hocking, Licking, Logan, Madison, Mercer, Miami, Montgomery, Pickaway, Pike, Preble, Ross, Scioto, Shelby, Union, Warren [OH] and Wayne, Fayette, Union, Franklin, Ripley, Dearborn, Ohio, Switzerland [IN] till 11:30 PM GMT

(09 Apr 4:50 PM) em-kim.carver: HIGH 80°F at 4:00 PM. High Gust 26 Mph at 4:25 PM. Humidity 17% at Scioto EOC Met Station in downtown Portsmouth. EMA/KC

(09 Apr 4:51 PM) nwsiln-seth.binau: Thanks Kim!

(09 Apr 8:00 PM) nwsbot: ----- Apr 10, 2017 [UTC] -----

(1:41 AM) nwsbot: The Storm Prediction Center issues [Day 1 Convective Marginal Risk](#)

(4:44 AM) nwsbot: ILN issues [ELEVATED FIRE DANGER TODAY THROUGH THE EARLY EVENING HOURS](#) for Carroll, Gallatin, Boone, Kenton, Campbell [KY] and Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Darke, Delaware, Fayette, Franklin, Greene, Hamilton, Hardin, Highland, Licking, Logan, Madison, Mercer, Miami, Montgomery, Preble, Shelby, Union, Warren [OH] and Wayne, Fayette, Union, Franklin, Ripley, Dearborn, Ohio, Switzerland [IN] till 11:45 PM GMT

(4:44 AM) nwsbot: ILN issues [HIGH FIRE DANGER TODAY THROUGH THE EARLY EVENING HOURS](#) for Owen, Grant, Pendleton, Bracken, Robertson, Mason, Lewis [KY] and Adams, Fairfield, Hocking, Pickaway, Pike, Ross, Scioto [OH] till 11:45 PM GMT

(8:56 AM) nwsbot: The Storm Prediction Center issues [Day 1 Convective Marginal Risk](#)

28 people in room

- em-morgan.peterson
- em-ryan.mcewan
- em-tristan.e.morath
- media-allison.peters
- media-brandon.butcher
- media-brian.goode
- media-chris.vickers
- media-david.mazza
- media-kelly.h.reardon
- media-kelly.r.greene
- media-randi.rico
- NWS JKL - Tony Edwards
- nws-brandon.peloquin
- nws-evan.bookbinder
- nws-john.j.franks
- nws-scott.baker
- nwsbot
- nwscl-e-marty.mullen
- nwsiln-cassady
- nwsiln-scott.hickman
- nwsiln-seth.binau
- nwsind-forecaster49
- nwsind-forecaster50
- nwsind-forecaster53
- nwsimk-erin
- nwsipbz-tim.alford
- nwsrxb-soo.jeffrey.hovis
- wthr-ind-sean.ash

Send



Radar valid at 500 am EDT, Jun 23rd 2016

 NWS Alert  User Alert Area



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What We Can Do For You

Decision Support Services – “Heads Up” Email Blast

Severe Weather Potential Wednesday afternoon into evening



Spotreport ILN - NOAA Service Account <spotreport.iln@noaa.gov> (sent by brian.haines@noaa.gov)

to _NWS, _NWS, _NWS, _NWS, _NWS, bcc: Brian, bcc: James

- This is a heads up email regarding the potential for severe thunderstorms on Wednesday. Here is a brief summary of our current expectations.
- The Storm Prediction Center has put most of the area in a slight risk for severe storms on Wednesday
- **Hazard/Threat:** Damaging Winds, Severe Hail and Isolated Tornadoes
- **Location:** Southern 2/3 of Ohio, southeast Indiana and northern Kentucky
- **Timing:** Wednesday afternoon into evening
- **Confidence/Uncertainty:** Moderate uncertainty exists in the track of the surface low. A slightly further southwards track would push the higher chances of severe weather south as well.

Feel free to contact us with any questions ([937-383-0623](tel:937-383-0623)).

Thanks,
Brian and Jim

National Weather Service Wilmington OH Weather Support

For questions, contact us at: [937-383-0623](tel:937-383-0623) (internal coordination number)

Share our latest social media posts with your followers for weather updates:



What We Can Do For You

Decision Support Services – Full Briefing Package



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Main Points

Hazard	Impacts	Timing	Location
Damaging Wind 	Widespread downed trees and power lines; scattered structural damage	Tuesday evening through early Wednesday morning	All areas
Tornadoes 	A few tornadoes, possibly strong and long track	Tuesday evening	Mainly Southwest Ohio, Southeast Indiana and Northern Kentucky
Hail 	Large hail up to baseball size possible	Tuesday evening	All areas -- largest hail most likely across Southwest Ohio, Southeast Indiana and Northern Kentucky
Lightning 	Deadly cloud-to-ground lightning is expected	Tuesday evening through early Wednesday morning	All areas
Flooding 	Flash flooding where storms repeatedly move across the same area	Tuesday evening through early Wednesday morning	All areas



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What We Can Do For You

Decision Support Services – Full Briefing Package



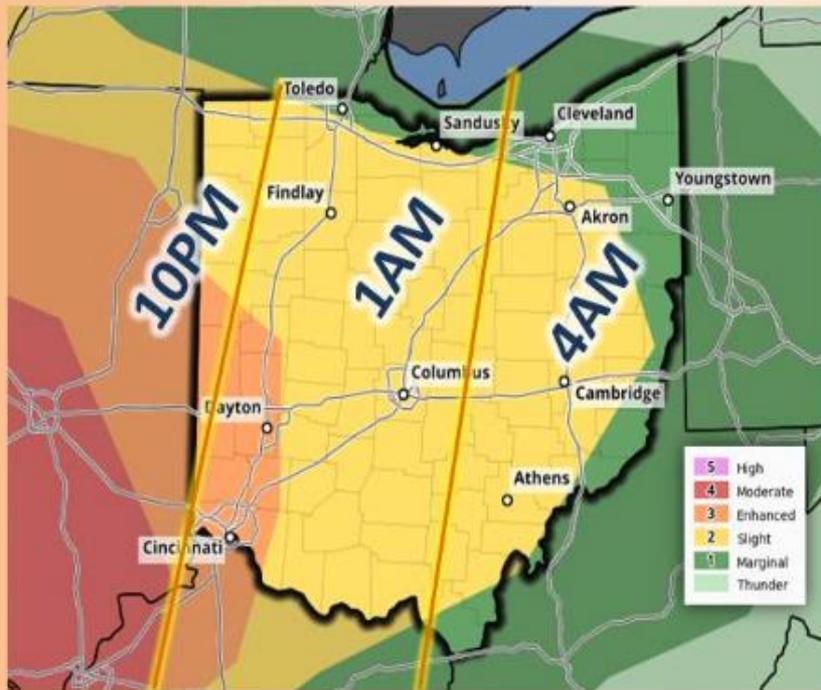
What We Can Do For You

Decision Support Services – Full Briefing Package



Severe Weather Onset Timing

Storms moving in late this evening/tonight



- First round of storms: late evening/early tonight.
- Main threats: large hail and damaging wind gusts.
- Strong tornadoes possible in enhanced and moderate risk areas.
- Second round: Line of severe thunderstorms moving through from west to east early Wed morning.

What We Can Do For You

Special Event Support

The latest forecast for Eaton, OH can be found [here](#).

Hazardous Weather Threats Today and Tonight: A widespread damage wind threat tonight with isolated severe storms possible this afternoon.

Timing: 2 pm to 6 pm for the isolated storms. 9 pm to 3 am for widespread severe weather.

Threat: Major severe weather threat with wind gusts in excess of 75 mph tonight and up to 60 mph this afternoon.

Impacts: Widespread trees and power lines down. Damage to structures similar to hurricane force winds will be possible tonight.

ILN Operations Phone Number: [937-383-0623](tel:937-383-0623).

- [Eaton, OH Widget](#) (forecast updates several times a day, just refresh browser)
- [NWS Wilmington Home Page](#) (or would an NWSSchat link or other source be more useful?)

Thanks,
Allen Randall
NWS Wilmington



What We Can Do For You

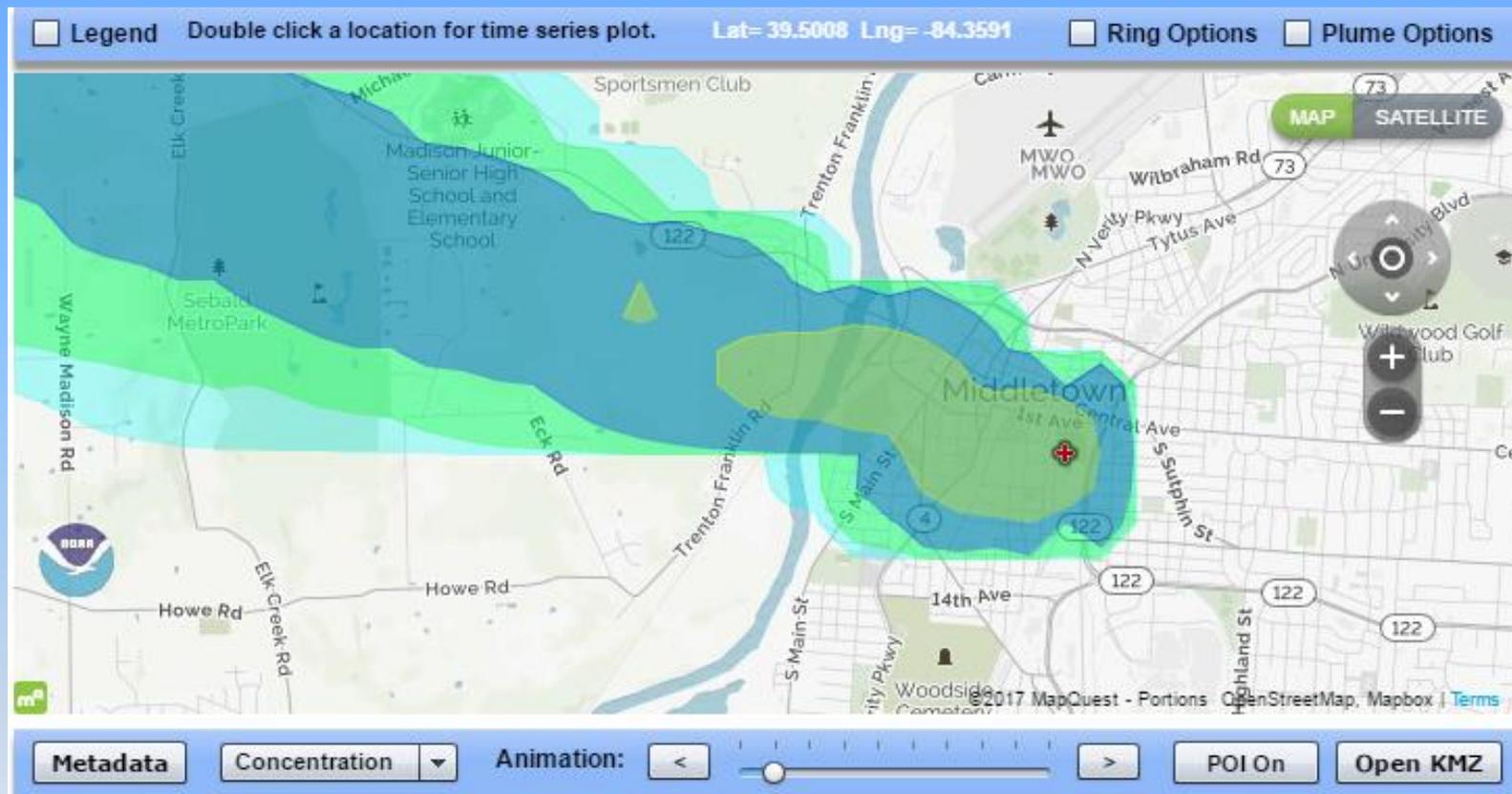
HazMat Support



Otis Warehouse Fire – Lima Ohio
October 2014

What We Can Do For You

HazMat Support



Dispersion Modeling

What We Can Do For You

Exercise Planning & Participation



EXPERTISE

Can provide injects given enough advanced notice



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Thank You

PANEL DISCUSSION

- ASK QUESTIONS & PROVIDE FEEDBACK TO THE NATIONAL WEATHER SERVICE
- MODERATED BY: KEN HAYDU, METEOROLOGIST IN CHARGE, NATIONAL WEATHER SERVICE WILMINGTON, OH



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