

2023 Great Lakes Operational Meteorology Workshop

University of Wisconsin-Madison Pyle Center

Wednesday, May 24th

900 AM - Welcome to Madison, Wisconsin! - Logistics

Buffalo Holiday Blizzard:

910 AM - A Holiday Period for the History Books: Part One – An Overview and Historical Perspective of the Crippling Buffalo Blizzard of 23-27 December 2022 - Michael Fries NOAA/NWS Buffalo, NY

950 AM - A Holiday Period for the History Books: Part Two – An Inside View of Operations to Support the Mission and Community - Judith Levan - NOAA/NWS Buffalo, NY

1030 AM - Break

Winter Storms/Forecasting:

1045 AM - Hovering on the Edge of Predictability - Late Season “Surprise” Winter Storm Buries East Central Wisconsin on March 25, 2023 - Scott Berschback, Rebecca Kruk, Mike Cellitti and Gene Brusky - NOAA/NWS Green Bay, WI

1115 AM to 1245 PM - Lunch

Severe Storms 1:

1245 PM - ProbSevere products in the Great Lakes Region - Justin Sieglaff - CIMSS/SSEC UW-Madison

115 PM - Precursors to an Extreme Wind Event: The 2022 June 13 “Derecho” - Jeff Logsdon - NOAA/NWS Northern Indiana

145 PM - Anatomy of a Canadian Derecho: The Historic Derecho of May 21 2022 - Arnold Ashton - Ontario Storm Prediction Centre, ECCC

215 PM - The Gaylord MI EF-3 Tornado of 20 May 2022 - John Boris - NOAA/NWS Gaylord, MI

245 PM - Break (evening logistics)

315 PM - SSEC “Intro” - *Birthplace of Satellite Meteorology*

345 PM - Exit to tour SSEC rooftop

Thursday, May 25th

Satellite:

830 AM - GOES ABI as a Situational Awareness and Public Outreach Tool around the Great Lakes - Tim Schmit - NOAA/NESDIS/STAR

900 AM - The GOES Enterprise Cloud Product Suite: Convective Snow Nowcasting Applications in the Great Lakes Region - Mark Kulie - NOAA/NESDIS/STAR

930 AM - Break

945 AM - How well do you understand the winds over the Great Lakes? A review of SAR data - Scott Lindstrom - UW Madison CIMSS

1015 AM - Visualization of Great Lakes Observations with the SSEC RealEarth Web Mapping API - Sam Batzli - CIMSS/SSEC UW-Madison

IDSS:

1045 AM - Vulnerable Outdoor Populations: A Local Study on How They Receive, Interpret, and Act Upon Weather Information - Megan Varcie - NOAA/NWS Detroit/Pontiac, MI

1115 AM - 1245 PM - Lunch

Marine:

1245 PM - Marine Observation Challenges: A Discussion - TBD

130 PM - Pre-Christmas 2022 Lake Erie Seiche of Extraordinary Proportions: A Collaborative Event Review Between National Weather Service Cleveland and Buffalo - Robert LaPlante and Kirk Lombardy - NOAA/NWS Cleveland, OH and Michael Fries - NOAA/NWS Buffalo, NY

200 PM - A Preliminary Assessment of the HRRR's Ability to Predict the Great Lakes Lake-Breeze Front and Marine Atmospheric Boundary Layer Structure - Collin DeYoung and Clark Evans - University of Wisconsin-Milwaukee

230 PM - Break

300 PM - Advancements in Ice Forecasting and Analysis in Support of USCG Operations - Jonathan Edwards-Opperman - U.S. National Ice Center/Ocean Prediction Center

Severe Storms 2:

330 PM - Retrospective of the Bayfield Wisconsin Flash Flood July 15-16 1942 - Linda Engebretson - NOAA/NWS Duluth, MN

400 PM - The Memorial Day 2022 Severe Weather Outbreak Across Northeastern Minnesota - Bryan Howell - NOAA/NWS Duluth, MN

430 PM - An Unusual Mid-Winter HSLC Event Across Northern Ohio on January 19, 2023 - Douglas Kahn - NOAA/NWS Cleveland, OH

500 PM - Wrap Up/End