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## Great Lakes Operational Meteorology Workshop 2013

### Science Presentations via Webinars – Schedule

| Date           | Theme                               | Time                | Duration   | Presentation   | Presenter(s)                       | Agency/<br>Department                       |
|----------------|-------------------------------------|---------------------|------------|--|------------------------------------|---|
| April 9, 2013  | Marine<br>Forecasting &<br>Services | 10:00 am - 10:30 am | 30 minutes | Marine Weather Prediction and Service Advances at NWS Detroit MI   | Dr. Greg Mann and Dick Wagenmaker  | NOAA/NWS Detroit MI                         |
|                |                                     | 10:30 am - 11:00 am | 30 minutes | Evaluation of Great Lakes Ice Model (GLIM) Real-time Ice Forecasts During the 2012-2013 Ice Season       | Robert LaPlante                    | NOAA/NWS Cleveland OH                       |
|                |                                     | 11:00 am - 11:30 am | 30 minutes | Assessment of a waterspout forecast system   | Victor Chung and Wade Szilagyi     | EC, MSC, Ontario Region                     |
|                |                                     | 11:30 am - 12:00 pm | 30 minutes | 2012; The Year of The Waterspout   | Wade Szilagyi                      | EC, MSC, Ontario Region                     |
| April 16, 2013 | Winter/Snow                         | 10:00 am - 10:30 am | 30 minutes | A Composite Study of Snow Squall Environments across Northern New York and Vermont                       | Peter C. Banacos                   | NOAA/NWS Burlington VT                      |
|                |                                     | 10:30 am - 11:00 am | 30 minutes | An interactive algorithm to nowcast snow rates from lake-effect snow using both satellite and model data | Victor Chung and Guilong Li        | EC, MSC, Ontario Region                     |
|                |                                     | 11:00 am - 11:30 am | 30 minutes | The Predictability of Convective Mode in Lake-Effect Snow Events   | Michael Jurewicz and Justin Arnott | NOAA/NWS Binghamton NY, NOAA/NWS Gaylord MI |
|                |                                     | 11:30 am - 12:00 pm | 30 minutes | Forecasting the Inland Extent of Lake-Effect Snow Bands  | Michael Jurewicz and Joe Villani   | NOAA/NWS Binghamton NY, NOAA/NWS Albany NY  |
| April 23, 2013 | Winter/Snow                         | 10:00 am - 10:30 am | 30 minutes | A Cold Pool Microscale Effect Resulting from Nocturnal Winter Season Radiational Cooling                 | David Zaff                         | NOAA/NWS Buffalo NY                         |
|                | Nowcasting                          | 10:30 am - 11:00 am | 30 minutes | Meso-Analysis Project  | Claude Landry                      | EC, MSC, National Capital Region            |
|                | Tornado                             | 11:00 am - 11:30 am | 30 minutes | The 26 July, 2012 twin tier severe weather and tornado outbreak: Part I: Environmental characteristics   | Michael Evans                      | NOAA/NWS Binghamton NY                      |
|                |                                     | 11:30 am - 12:00 pm | 30 minutes | The 26 July, 2012 twin tier severe weather and tornado outbreak: Part II: Radar analysis                 | Michael Evans                      | NOAA/NWS Binghamton NY                      |



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|----------------|-----------------------------------|---------------------|--|---|--|---------------------------------|
| April 30, 2013 | Research (Lightning)              | 10:00 am - 10:30 am | 30 minutes   | New EC Research Initiatives in the Great Lakes Region   | David Sills                                      | EC, S&T, Ontario Region         |
|                | Fire                              | 10:30 am - 11:00 am | 45 minutes   | Support Services provided by NOAA/NWS Marquette for the Duck Lake Fire  | Michael Dutter, Kari Fleegel and Jason Alumbaugh | NOAA/NWS Marquette MI           |
|                |                                   | 11:00 am - 11:15 am |  |   |  |                                 |
|                | Social Media                      | 11:15 am - 11:45 am | 30 minutes   | Increasing Your Social Reach on Facebook  | Erik Heden                                       | NOAA/NWS Binghamton NY          |
| Winter/Snow    | 11:45 am - 12:00 pm               | 15 minutes          | The Challenge of Land Breeze Snow Squalls: A Study of the Jan 25th 2013 Lake Ontario Snow Squall | Arnold Ashton   | EC, MSC, Ontario Region                          |                                 |
| May 7, 2013    | Impact-Based Warning              | 10:00 am - 10:30 am | 60 minutes   | Impact-Based Warning (IBW) Initiative in NWS Central Region   | Dick Wagenmaker and Dr. Greg Mann                | NOAA/NWS Detroit MI             |
|                |                                   | 10:30 am - 11:00 am |  |   |  |                                 |
|                | Impact-Based Warning              | 11:00 am - 11:30 am | 45 minutes   | Impact Based Warning System and Decision Support Activities for Winter Weather at NOAA/NWS Marquette, MI  | Michael Dutter and Justin Titus                  | NOAA/NWS Marquette MI           |
|                |                                   | 11:30 am - 11:45 am |  |   |  |                                 |
| May 14, 2013   | Aviation Forecasting and Services | 10:00 am - 10:30 am | 30 minutes   | Experimental Aviation Grids at National Weather Service Marquette, Michigan   | Steven Fleegel                                   | NOAA/NWS Marquette MI           |
|                |                                   | 10:30 am - 11:00 am | 30 minutes   | The Chicago Aviation Initiative: More Than Meets the Eye  | Mike Bardou                                      | NOAA/NWS Chicago/Romeo ville IL |
|                |                                   | 11:00 am - 11:30 am | 30 minutes   | Semi Automating Forecasts for Canadian Airports in the Great Lakes Area   | George Isaac                                     | EC, S&T, Ontario Region         |
|                | Flood                             | 11:30 am - 12:00 pm | 30 minutes   | Assessment of the Major June 2006 and September 2011 East Coast Flash Flood Events from an Integrated Water Vapor Satellite Imagery Perspective | Christopher M. Gitro                             | NOAA/NWS Binghamton NY          |