

RESOURCES

NWS-Storm Prediction Center

www.spc.noaa.gov

NWS-Chicago

Twitter: @NWSChicago

Decision Support Briefing

www.weather.gov/lot/wx_watcher

Weather Watcher Briefing

www.weather.gov/lot/weatherwatcher

Severe Weather Preparedness

www.weather.gov/lot/severeprep

CoCoRaHS

www.cocorahs.org

College of DuPage NEXLAB

weather.cod.edu

DuPage County OHSEM

Twitter: @ProtectDuPage

Web: protectdupage.org

DuPage County Health Department

Twitter: @DuPageHD

Web: www.dupagehealth.org

Four Steps to Emergency Preparedness

1. Get a Kit
2. Make a Plan
3. Be Informed
4. Get Involved

www.protectdupage.org



DUPAGE COUNTY

HISTORY OF DU PAGE ADVANCED SEVERE WEATHER SEMINAR:

On August 28, 1990 between 3:15 p.m. and 3:45 p.m., a violent F5 tornado ripped through Kendall and Will counties taking the lives of 29 people and injuring 350. In the wake of what is known as "The Plainfield Tornado" was a 16.4 mile-long damage path which ranged from 600 yards to a half a mile in width. An estimated total of \$160 million dollars in damages was added up with a total of 470 homes destroyed and 1000 damaged. DuPage County Emergency Management Director Tom Mefford and College of DuPage Professor Paul Sirvatka first met in the days following this devastating tornado. Their combined efforts resulted in the first DuPage Advanced Severe Weather Seminar.

The purpose of the seminar is to improve severe weather warning coordination and communications throughout Northern Illinois in cooperation with, but not limited to, the National Weather Service and Skywarn weather spotters.



HOMELAND SECURITY AND EMERGENCY MANAGEMENT

418 N. County Farm Road
Wheaton, IL 60187

630-682-7925
or emergency 630-682-7207

www.protectdupage.org



DUPAGE COUNTY

HOMELAND SECURITY AND EMERGENCY MANAGEMENT



Radar Indicated Tornado Debris
Columbus, MS - February 23, 2019
Courtesy John Nebl and RadarScope

28TH ANNUAL ADVANCED SEVERE WEATHER SEMINAR

In cooperation with the College of DuPage's Nexlab
and the National Weather Service – Chicago.

March 16, 2019

Follow @ProtectDuPage

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www.protectdupage.org

SEMINAR SCHEDULE

AM

PM

8:30 – 8:40	Opening Remarks •OHSEM Director Murray Snow
8:40 – 9:00	Name that Cloud •Tammie Souza
9:00 – 9:30	Be Red Cross Ready - Weather Hazards •Rebecca Socha
9:30 – 10:00	CoCoRaHS Overview •Steven Hilberg
10:00 – 10:15	Break
10:15 – 10:50	NWS Wx Watcher Products & Outdoor Special Event Decision Guide •Mike Bardou •David Adler
10:50 – 11:30	Post Storm Damage Assessment & Determining Tornado Strength •Eric Lenning
11:30 – 1:00	Lunch
1:00 – 1:50	Frontline Storm Spotting on Surprise Outbreak - December 1, 2018 Illinois Tornado Analysis •Skip Talbot
1:50 – 2:50	Anticipating Storm Development & Transitions for Optimal Viewing •Hank Schyma
2:50 – 3:30	Panel Discussion, Door Prizes & Closing •Paul Sirvatka



GUEST EMCEE

TAMMIE SOUZA is the Chief Meteorologist for the NBC10 Philadelphia First Alert weather team. Prior to that Ms. Souza spent 16 years in Chicago at both NBC and FOX. Ms. Souza was also the first female Chief Meteorologist in Tampa/St. Petersburg, Florida. As a Certified Broadcast Meteorologist,

Ms. Souza is one of only a handful of women in the nation that holds both prestigious AMS/CBM Certified Broadcast Meteorology Seal of Approval from the American Meteorological Society and the NWA Seal of Approval from the National Weather Association.

PRESENTERS



STEVEN D. HILBERG is the Illinois Coordinator for the Community Collaborative Rain, Hail, and Snow (CoCoRaHS) Network and has been an active observer since the program began in Illinois in December 2006. He retired as Director of the Midwestern Regional Climate Center (MRCC) at the Illinois State Water Survey in Champaign in October 2011 after serving more than 13 years in that position. His background includes experience in operational meteorology, broadcast meteorology, and applied climatology. He currently works part-time as Senior Climatologist/Meteorologist at the MRCC, and as Project Manager for CoCoRaHS headquarters.



MIKE BARDOU is the Warning Coordination Meteorologist at the Chicago National Weather Service Forecast Office in Romeoville, IL where he serves as the primary interface with NWS partners. Mike previously held a senior forecaster position and led the Aviation Program. Prior to arriving at the office in 2010, Mike served as a Meteorologist and Aviation Program Leader at the Minneapolis Weather Forecast Office, meteorologist-in-training at the Forecast Office in Davenport, Iowa and as a student volunteer at the Northern Indiana Forecast Office. In addition to having a particular interest in aviation meteorology, Mike appreciates the challenges

of forecasting for Lake Michigan, enjoys working with key partners to better understand their forecast needs and aids them in their efforts to be prepared for weather, and looks forward to conducting storm spotter training each spring. Mike earned a Bachelor of Science Degree in Meteorology from Valparaiso University in 2003.



HANK SCHYMA has been capturing severe weather since 1994. Hank witnessed his first tornados in 2002 and went professional in 2007 documenting weather for local TV in Houston. Hank's storm footage currently airs worldwide in productions from BBC Earth, National Geographic, The Weather Channel and many more. You can also see Hank's lighting captures in motion pictures, *The Last Witch Hunter* and Netflix original *TAU*.



REBECCA SOCHA received her BA in Political Science, MBA, and MSA all from Benedictine University. Rebecca is currently an AmeriCorps Illinois Disaster Corps member hosted by the American Red cross in Chicago. Rebecca was deployed to the tornado that hit Taylorville, IL on December 1, 2018, and operated the Volunteer Reception Center with other members of her team.



ERIC LENNING has served since 2007 as the Science and Operations Officer for the NWS-Chicago office in St. Louis, first as a forecaster and then as the Information Technology Officer. Eric received his Bachelor's degree in Atmospheric Science from the University of Missouri and his Master's in Meteorology from Florida State University. He earned a second master's in Computer Science from the University of Missouri - St. Louis.



SKIP TALBOT is a storm chaser and software developer. He has been documenting supercells and tornadoes across the Great Plains and Midwest since 2003. He has worked as crew and forecaster on a Tornado Intercept Vehicle IMAX movie, piloted aircraft to film supercells from the air. Skip is currently working on a research mission sponsored by National Geographic to measure the near surface winds of tornados using photogrammetry. Skip also helps run an all-volunteer non-profit charity for storm victims called Storm Assist.