

American Meteorological Society (AMS) - St. Louis Chapter Meeting

Date: Wednesday, December 7th, 2016

Location: Lotawata Creek Grill

Time: Social Time: 6:00 - 6:30pm; Dinner: 6:30 - 7:30pm; Meeting Time: 7:30 - 8:30pm

Officers in Attendance:

- Meghan Danahey - President
- Fred Glass - Vice President
- Kyle Perez - Secretary
- Allison Wreath - Treasurer

Total in Attendance: (22 total/ 14 members)

Introduction: Meghan Danahey

- Introduction and Welcome to December 2016 meeting
- Welcome guest speaker Larry Jacobs and all attendees
- Address potential plans for Spring meetings

Old Business: Kyle Perez

- Last Meeting held at Saint Louis University on October 18th
 - 16 members attended-all paid \$15 dues
 - Kevin Deitsch presented on “The Historic Snowstorms of 2015: A Meteorological and Impact Comparison of Two Kentucky Snow Events within a Three-Week Period.”
- 3 Forms of communication to our members will be used
 - Local AMS facebook page, Local AMS website, and e-mail
- Decided on possibility of 4 meetings for Spring (weather permitting)
- Discussed future events and potential ideas
 - Joint AMS meeting with Kansas City Local AMS in Columbia, MO, proposed by Mizzou Meteorology Club around April-May 2017, but due to severe weather potential may propose meeting around February of 2017; carpooling is an option
 - Bow Echo Workshop to take place March 9-10, 2017
 - St. Louis Local AMS Emblem needs to be updated
 - Dinner meetings and snack meetings will vary in locations. Need RSVP system to know how many people to expect and what to bring.
 - Proposed idea of having a fundraising raffle with the raffle prize being paid dinner at a meeting.
 - Local AMS has been active in help judging local science fairs. Jim Sieveking will see if he can acquire some contact information if we decide to pursue this venture.

- Potential Speakers: We will continue to leverage people with ties to the immediate area. Allison will check the dates in which SAFB is providing SPC backup and potentially have the visiting SPC forecaster as a speaker. If you have any ideas or are willing to be a speaker then let me know.

Treasurer Report: Allison Wreath

- Current Bank Balances
 - Checkings: \$1343.22
 - Savings: \$488.26
- Tax exempt papers for Missouri and Illinois are being filled out; should be cleared by January 2017
- Need a letterhead before we can submit our tax exempt papers
- Checking account at Scott Credit Union has Allison's name and Ron Przybylinski's name on the account. We will be working to add Meghan to the account. Also, if a death certificate is needed for Ron, Fred will work on acquiring one and has asked Scott Truett to assist.
- If you did not get a chance to pay your membership dues (\$15) at the Fall meetings, please send them to Allison Wreath
 - If writing a check, make the check out to "Greater St. Louis Chapter AMS"
 - Allison Wreath
618 Rain Hollow Drive
O'Fallon, IL 62269

Meeting:

- *Speaker:* Larry Jacobs, NWS Aviation Weather Center
 - *Topic:* Aviation Weather Center Overview
 - *Overview:* There is both an International Operations Branch and Domestic Operations Branch each carrying their own duties and responsibilities.
 - *International Operations Branch:* This branch consists of 3 operational desks; They are responsible for various products which include Oceanic SIGMETs, FACA and FAGX, and Significant weather forecasts globally.
 - The Tropical Desk produces SIGMETs for various aspects of helicopter operations and oil platform operations.
 - Another forecast desk area covers the production of significant weather graphics.
 - *Domestic Operations Branch:* This branch consists of 1 Convective SIGMET Desk, 3 Area Forecast (FA) Desks, and production of Collaborative Aviation Weather Statements (CAWS).

- Collaborative Convective Forecast Product (CCFP) Provides automated support for CONUS level strategic traffic planning.
- Collaborative Aviation Weather Statement (CAWS): Provide more specific info for to strategic traffic flow management Complementary to CDM Convective Forecast Guidance product (CCFP).
- Convective SIGMET: Provide warning products for thunderstorm activity in CONUS and coastal waters. There is also non-convective SIGMETs.
- Types of SIGMETs include: Turbulence , Icing, Blowing Dust/Sand Volcanic Ash.
- Area Forecast Desks: 3 Forecast desk provide AIRMET products.
- Graphical AIRMETs are graphical forecasts of en-route weather hazards issued when the weather warrants potential hazards.
- *Conclusions:* AWC is one of nine largest NCEP centers. These forecasts are critical to aviation across the entire world and provide 24/7 operations.

Closing Remarks:

- Next meeting: Check back on our Facebook page or Local AMS website for more details on Spring 2017 meetings when they become available!
- <http://www.eas.slu.edu/Weather/AMS/>