

Pacific Northwest Weather Workshop 2019

May 3-4, 2019
Building 9 Auditorium
NOAA Western Regional Center
7600 Sand Point Way, Seattle, WA 98115

Agenda (Subject to Amendment)

Friday, 3 May

12:00-1:00 Registration

1:00-1:10 Welcome and Workshop Plans
Logan Johnson, MIC, NOAA/NWS WFO Seattle

Session I: General Weather Events

1:10-1:30 The Top Weather and Climate Events of 2018
Karin Bumbaco and Nick Bond. Office of the Washington State
Climatologist, JISAO, University of Washington

Session II : Wildfire Meteorology

1:30-1:50 Increasing Fire Severity, Smoke Impacts, and the Threat of a Major
Firestorm in Southwest Oregon and Northern California – Observations
from Fire Season 2018. Tom Wright, National Weather Service, Medford,

1:50-2:10 A first look at the CAMP Fire of November 8, 2018. Cliff Mass, UW

2:10-2:30 March Complex from March 18-21 Josh Clark, SITL, IMET
Meteorologist, Scientist IV Planning Section, Wildfire Division

2:30-3:00 Break with refreshments

3:00-3:20 The Diablo winds of northern/central California. Brandon McClung, UW
Atmospheric Sciences

3:20-3:50 2017 Scatter Creek Fire – Lessons Learned on Weather and Fire Behavior.
Robert W. Scott, Fire Chief – Operations, West Thurston Regional Fire
Authority. Olympia, WA

Session III: OLYMPEX Field Program Results

- 3:50-4:20 The Olympic Mountains Experiment (OLYMPEX): Overview and status. Lynn McMurdie and co-authors, UW
- 4:20-4:30 Rainfall prediction over the Olympic Peninsula: Is there a warm rain problem? Robert Conrick and Cliff Mass. Department of Atmospheric Sciences, University of Washington
- 4:30-4:50 Multiscale precipitation enhancement processes in stratiform clouds passing over the Olympic Mountains. Joe Zagrodnik, UW, Atmospheric Sciences

6:00-9:00 Workshop Banquet at the Talaris Conference Center
4000 NE 41st St, Seattle, WA 98105

Banquet Talk: The Cold and Snow Event of February 2019

- 6:00-7:00 PM Icebreaker – no host bar
7:00-8:00 Buffet Dinner
7:45-8:30 Presentation

Saturday, May 4

- 8:30-9:00 Registration and coffee

Session III: Regional Prediction

- 9:00-9:20 Our Newest Operational Satellite - GOES-17
Mike Stavish. National Weather Service, Medford, Oregon
- 9:20-9:40 The BPA Meteorological Tower Network: May it Rest in Peace. A Look at the Benefits and What We've Learned from this Unique NW Dataset.
Jeff Lerner and Kyle Wade, Vaisala Inc.
- 9:40-10:00 The Ensemble Weather Forecasting System at the University of British Columbia. Timothy Chun-Yiu Chui¹, Roland Stull
Department of Earth, Ocean and Atmospheric Sciences
University of British Columbia
- 10:00-10:20 Evaluating the Model for Prediction Across Scales (MPAS) for Weather Forecasting in British Columbia. Timothy Chun-Yiu Chui, Roland Stull. Department of Earth, Ocean and Atmospheric Sciences

University of British Columbia

10:20-10:50 Coffee Break

10:50-11:10 Update on the UW WRF prediction system. Cliff Mass, UW

Session IV: February Snow and Cold

11:10-11:30 Lowland Snow in Washington State from a Climate Perspective. Nicholas A. Bond and Karin A. Bumbaco. Office of the Washington State Climatologist

11:30-11:50 Snow events of February: looking through human impact perspective Logan Johnson, MIC, NWS Seattle

11:50-12:10 Lessons Learned from the Western Washington Snowstorms of February 2019 from a Private Citizen's Perspective. Courtney Obergfell NOAA/National Weather Service - Seattle, Washington

12:10-1:10 Lunch

1:10-1:30 Lessons Learned from the Western Washington Snowstorms of February 2019 from a Private Citizen's Perspective. Naeemah 'Ni' Cushmeer Private Citizen and Blogger (*Cirrusly Weather*)

1:30-2:15 Panel discussion. How well did forecast and communicate the snow events of February 2019?

Session V: Northwest Weather and Climate

2:15-2:35 Supercell mesocyclone development preceding the 18 December 2018 Port Orchard tornado. Nick Biermann/ Weathernet, LLC

2:35-2:55 2017 Weather Cam Highlights. Greg Johnson, SkunkBay Weather.

More coming....