Agenda

• Welcome & Intro to NIDIS and PNW DEWS
  • Kathie Dello, CIRC

• Climate Recap Covering Last Year’s Water Year
  • Kathie Dello, CIRC

• Climate Outlook
  • Troy Lindquist, NWS Boise

• Overview of Oregon’s Place Based Water Planning Program
  • Steve Parrett, OR Water Resources Department

• USDA Climate Hub Update
  • Holly Prendeville, NW Climate Hub

• Climate, wildfire, and erosion ensemble foretells more sediment in western USA watersheds
  • Joel Sankey, USGS
What is the National Integrated Drought Information System?

• Provide a better understanding of how and why droughts affect society, the economy and the environment.

• Improve accessibility, dissemination and use of early warning information for drought risk management.

• Build off of a network of regional Drought Early Warning Systems (DEWS) to create a National Drought Early Warning System.
Regional Drought Early Warning Systems (DEWS)

Working with communities and existing networks to build capacity for better decision making for drought planning and mitigation.

- Research & monitoring
- Drought & risk assessments
- Drought & Climate Outlook Forums
- Education and outreach webinars
- Engaging the preparedness community
- Builds capacity to utilize existing products
  - Provide test beds for new products
  - Develop new/utilize existing communication networks
Pacific Northwest DEWS

• PNW DEWS was officially launched in February 2016

• Strategic plan is available on drought.gov
  • Provide a roadmap for moving forward with the PNW DEWS
  • Identifies existing and new drought-related activities in the region
  • Living document with a two-year time frame
  • Priority Areas include:
    • Improving monitoring and research for drought risk management
    • Expanding drought early warning communications and outreach
    • Optimizing information and collaborative networks
    • Enhancing drought planning & mitigation
Mark your calendars...

PNW DEWS Water Year 2018 outlooks

• October 30: Olympia, WA
  • With CIRC, CIG, WA Department of Ecology

• November 2: Boise, ID
  • With CIRC, IDWR, NRCS, USBR, Idaho Power, USACE


Mark your calendars...

PNW DEWS Drought & Climate Outlook Webinar Series

• Bi-monthly webinar series hosted by NIDIS, CIRC, NW Climate Hub, NWS Western Region, etc.

• Designed to provide stakeholders and other interested parties in the Pacific Northwest timely drought and climate information.

• Each webinar will be tailored to reflect recent, current and forecasted conditions and climatic events, but will also include discussions of observed impacts and other relevant updates from across the region.

• Webinars and recordings and other supporting materials will be posted on drought.gov.

Next webinar is December 18th at 11am PDT

Register: https://attendee.gotowebinar.com/register/1006527415019204353
A recap of the 2017 water year in the PNW

Kathie Dello

PNW Climate Impacts Research Consortium
Oregon State University
Pacific Northwest - Precipitation
October-September 2017 Percentile

WestWide Drought Tracker - U Idaho/WRCC Data Source - PRISM (Prelim), created 16 OCT 2017
Pacific Northwest - Mean Temperature
June-August 2017 Percentile

WestWide Drought Tracker - U Idaho/WRCC Data Source - PRISM (Prelim), created 16 SEP 2017
Current Water Year Precipitation Anomaly (% of 1981-2010 Normal)

2017/10/01 - 2017/10/21

NW Climate Toolbox
Statewide Precipitation Ranks
January–September 2017
Period: 1895–2017

National Centers for Environmental Information
Wed Oct 4 2017
Map sources

- West wide drought tracker
  - https://wrcc.dri.edu/wwdt/

- NW Climate Toolbox
  - Climatetoolbox.org