

DROUGHT MONITORING EFFORTS AS PART OF THE NIDIS INTERMOUNTAIN WEST DEWS

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THE FUTURE FOR DROUGHT EARLY WARNING IN THE INTERMOUNTAIN WEST

Improving effective communication with our user community

- Enhancing delivery and dissemination of drought information
- Developing products to improve drought early warning



updated website!

OUR ESTABLISHED PROCEDURES...



- Weekly assessments with recommendations
- Webinars brief audience on current conditions and discuss recommendations
- Short-list email seeks feedback about possible recommendations
- Webinars and short-list email encourage impact reports from those "on the ground"
- Large email blast announcing weekly assessment and webinars





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DROUGHT INDICATOR EDUCATION WEBINARS

- Periodic live and archived recordings
- What do certain drought indicators mean specifically for the IMW?
- Why do we look at these variables, and what do they tell us?
- A casual course on a variety of our important indicators:
 - Standardized Precipitation Index
 - Reference Evapotranspiration
 - Snow Water Equivalent (aka Snowpack)
 - Evaporative Demand Drought Index, EDDI
 - Agricultural vs. Hydrologic, Short-term vs. Long-term
 - Return frequencies, drought categories, and analog years

DIGITAL DROUGHT SUMMARY SERIES

- Very brief summary of current conditions
- Approximately 2 to 5 minutes in length
- Casual, conversational, more "big picture" instead of describing specific details
- Perhaps test as a "live feed" on social media
- People are demanding information in efficient ways
- Do we limit widespread interest with our current format, providing all the technical details?
- It's our responsibility to consider additional communication avenues that seek participation from a more representative audience.





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CODEX — COMPOSITE DROUGHT EVALUATOR EXPERIMENT



- A "composite" method of monitoring drought
- currently a manual, experimental process
- consideration of automation if successful
- Eliminates need for going back and forth between multiple products
- Helps identify areas that could be overlooked
- Points to areas that may need degradations or improvements



CODEX — COMPOSITE DROUGHT EVALUATOR EXPERIMENT





SEASONAL OUTLOOKS USING NMME







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Questions?