Drought in the NW Climate Hub Region

Washington reports first widespread dry spell in a decade.

Webinars

A monthly webinar series on climate change and land management released by the Karuk Tribe Department of Natural Resources. Contact: Lindsey Pierce, Environmental Technician 907.463.7188

Recent publication in Environmental Research Letters (open-access) is a collaboration among University of California, Berkeley, the University of Washington, and NASA. An article from the BBC describes a project where scientists are releasing 1,000 baby salmon into a stream to study how they respond to climate change.

Climate Hub Highlights

Recent rains have alleviated most drought conditions near Yukon Flats with abnormally dry conditions north of Willow to northern Kenai Peninsula, severe drought (D2-orange) conditions throughout much of Yukon Delta, and extreme drought (D3-red) conditions in the Kuskokwim Delta. Recent rains have also helped to reduce drought severity in the Central Interior and in some parts of the Alaska Peninsula. Weekly drought maps are published on the US Drought Monitor website and mapped drought conditions from the Mosaic model are available on the USDA National Centers for Environmental Information's Climate Prediction Center page.

Funding opportunities

- USDA Competitive Grants Program for Social Science Research to Increase Understanding of Impacts of Global Change on Agriculture, Forestry, and Natural Resources (PPECF). Applications due 11 October 2019.
- USDA Forest Service's National Science Management Research Initiative (NSMRI) - Research Agreements and Cooperative Agreements (NSMRI-RA or NSMRI-C) - for the advancement and implementation of research, as well as science and technology-based tools and products. Applications due 1 November 2019.
- USDA Forest Service's National Institute of Food and Agriculture (NIFA) has a request for applications for fiscal year 2020 funding for the Research Project (RP) and State and Institution (SI) Programs. Applications due 30 October 2019.
- USDA Economic Research Service examined the relationship between climate change and the economic impacts of drought in the United States. The study found that drought impacts are likely to increase in the future due to climate change.
- The Alaska Climate Outlook Briefing is scheduled for 6 September 2019 and will provide an update on the state of the climate in Alaska and a forecast for the upcoming season. The briefing will be held at 11 am AKDT.
- The U.S. Drought Monitor will release its weekly report on 10 September 2019, which will provide an up-to-date assessment of drought conditions across the United States.
- The US Water Watcher will release its latest report on 12 September 2019, which will provide an analysis of the nation's water resources and the challenges facing them.
- The National Weather Service Alaska Climate Outlook Briefings will be held on 3 September 2019 at 12-2 pm PDT, 6 September 2019 at 11 am AKDT, and 10 September 2019 at 11 am AKDT.

Information

- The August 2019 Newsletter is now available online. It includes highlights from the NW Climate Hub's recent webinar series, summaries of recent research, and information on upcoming events.
- The September 2019 Newsletter will be released on 12 September 2019 and will include highlights from the September 2019 Climate Hub webinar series, summaries of recent research, and information on upcoming events.
- The October 2019 Newsletter will be released on 11 October 2019 and will include highlights from the October 2019 Climate Hub webinar series, summaries of recent research, and information on upcoming events.
- The November 2019 Newsletter will be released on 12 November 2019 and will include highlights from the November 2019 Climate Hub webinar series, summaries of recent research, and information on upcoming events.
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