

Southeast Drought Workshop: Less rain, warmer temperatures and transitioning from a 'Snow to Rain Dominant System'

Holly Prendeville, Coordinator USDA Northwest Climate Hub

Welcome

Safety and rules of conduct

- Exits
- Move seats, stand as needed

Ground rules

Respect others: Participants come from a variety of experiences and all inputs are equally valued. The sessions will start and end on time.

Participation: All participants are expected to share information. Try to give time and space for everyone to contribute.

Limit disturbances: Take side conversations to another room or outside the hall. Change cell phones to vibrate & take calls outside of the meeting rooms.

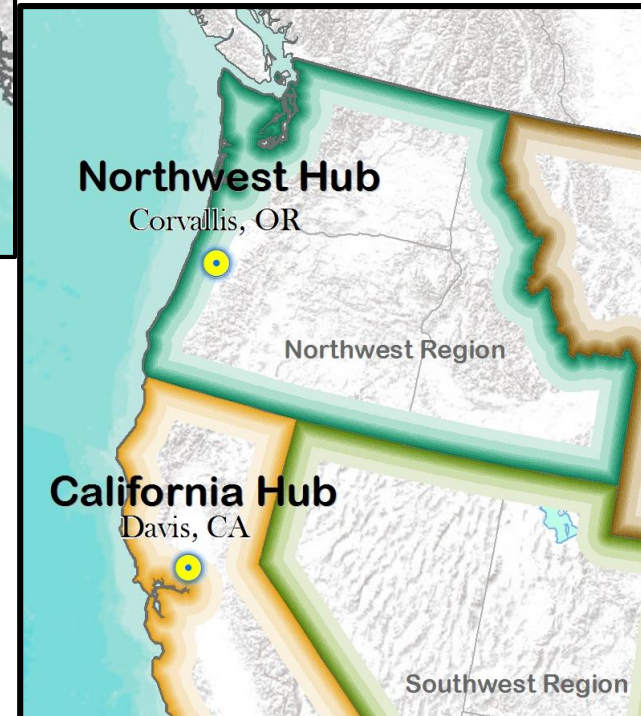
Ask questions: If something is unclear ask. We each have a lot to share, but we may use phrases specific to our experiences that others may not be familiar with.

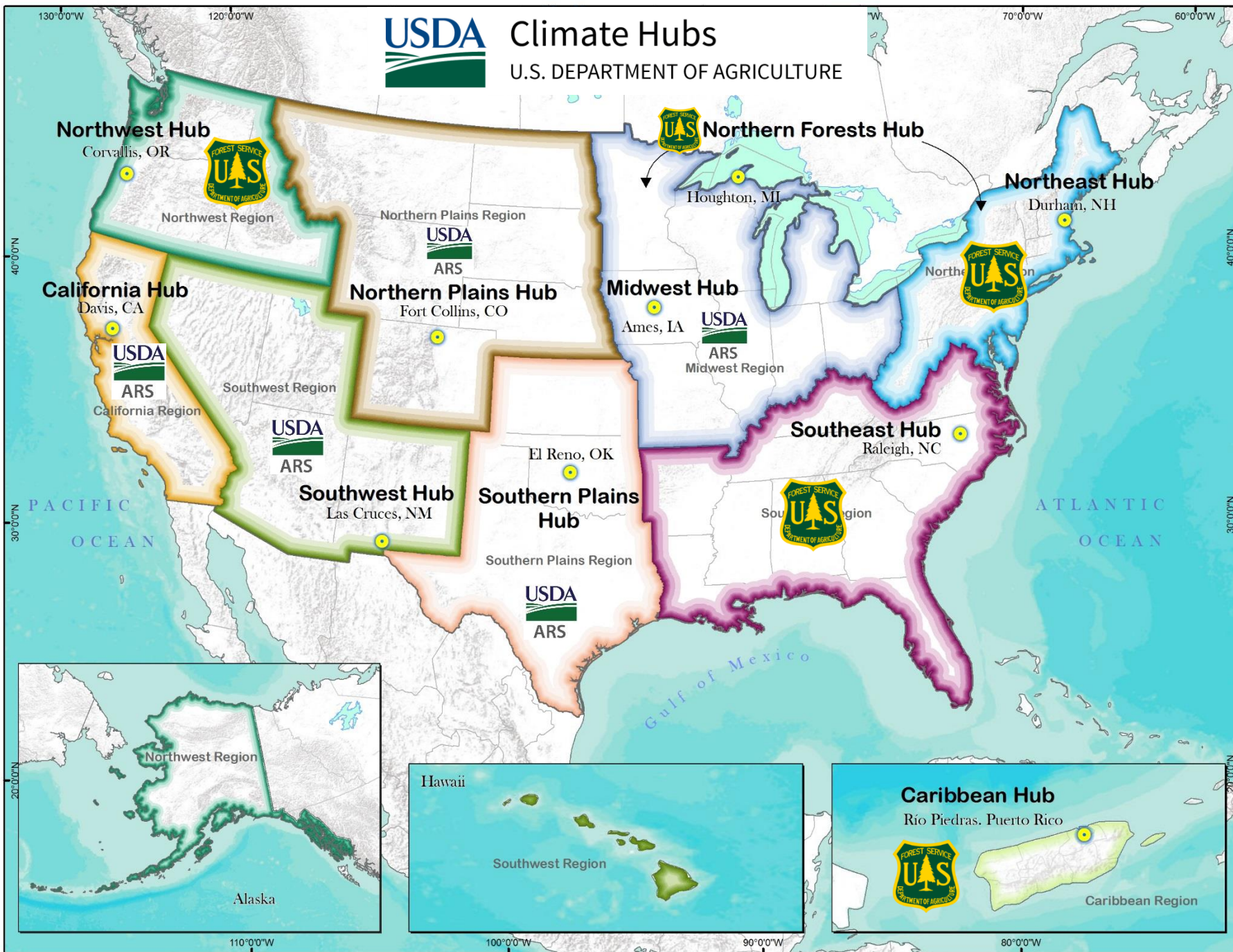
What else should be included? Do you agree with these?



Northwest Climate Hub
U.S. DEPARTMENT OF AGRICULTURE

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- Forest Service (FS)
- Agricultural Research Service (ARS)
- Natural Resources Conservation Service (NRCS)
- Farm Service Agency (FSA)
- Risk Management Agency (RMA)
- Animal and Plant Health Inspection Service (APHIS)



Climate Hubs

U.S. DEPARTMENT OF AGRICULTURE

Develop and deliver science-based, region-specific information and technologies, with USDA agencies and partners, to enable agricultural and natural resource managers in making climate-informed decisions, and to provide access to assistance to implement those decisions.

<https://www.climatehubs.oce.usda.gov/>

Tools, climate change vulnerability assessments, information, resources





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Drought

Workshop Goals

Get a better sense of drought, impacts of drought and interconnections in Southeast Alaska to help refine drought thresholds for this region.

Share information and resources to raise awareness about drought and lead to changes in response to dry conditions.

Outcomes

Refine drought metrics for Southeast Alaska

Increase drought impact reporting

Remain informed on drought status

Develop a summary of information shared

Identify community-driven next steps and needs.

Morning agenda

8:15 Welcome | Holly Prendeville

9:15 US Drought Monitor | Deb Bathke and Aaron Jacobs

10:00 Break

10:15 What does drought look like in southeast Alaska?

- Metlakatla | Genelle Winter
- Climate | Aaron Jacobs and Rick Thoman
- Farms, Private Forests, and Watersheds | Samia Savell
- Snow, Avalanches from a power perspective | Mike Janes
- Hydroelectric power, reservoirs | Christie Yearous

11:30 Discussion groups: Share your drought perspective with your table and report highlights to group

Early afternoon agenda

12:00 Lunch- food and beverages provided

1:00 Continuation of, what does drought look like in southeast Alaska?

- Streams, forest, coastal and marine systems | Allison Bidlack
- Forest health - insect impacts | Elizabeth Graham
- Soils and wells | Dave D'Amore
- Streams and fish | Ryan Bellmore
- Southeast Alaska Fire Risk & Firewise information | Mark Cahur

2:15 Discussion groups: Share your drought perspective with your table and report highlights to group.

2:45 Break

Late afternoon agenda

3:00-4:00 pm Overview of weather and climate information, data limitations and climate models

- MesoWest | Aaron Jacobs
- USDA Natural Resources Conservation Service (NRCS) SNOTEL | Daniel Fisher
- Historical climate data (xmACIS) | Rick Thoman
- Climate models and data limitations | Jeremy Littell

4:00 Active brainstorming Go around room to share your ideas / thoughts / feedback:

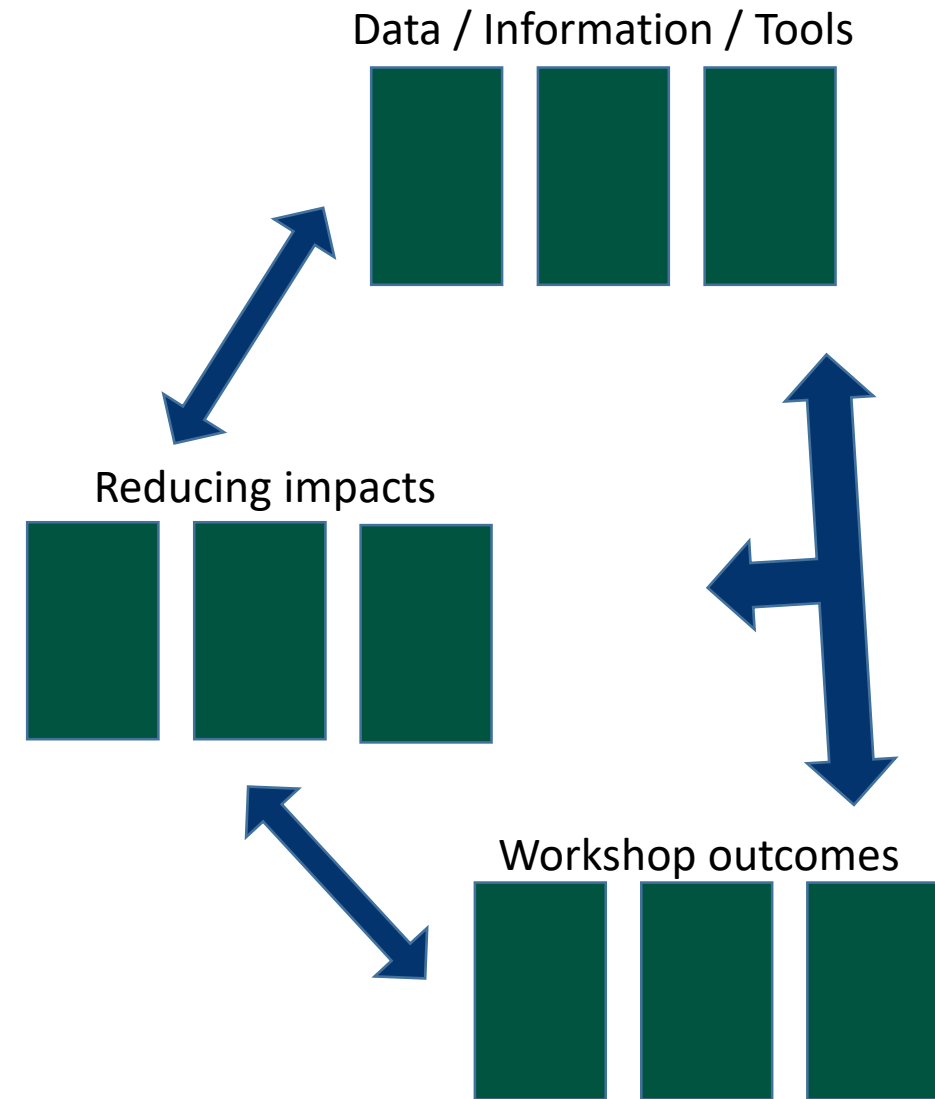
- for sharing information, resources, and data
- for adaptation strategies to reduce impact of less rain / snow/ water
- on next steps we should take
- on the workshop

Take another lap to read and comment on other ideas shared.

4:45 Closing remarks

Active brainstorming

- Questions posted
- Answer throughout workshop
- During Active Brainstorming session
 - Start at any question, answer all questions (3 themes, 30 min total)
 - Go for a second lap to see what others shared (15 minutes)
 - Add more comments
 - Star ideas that you see as priorities



Internet

- EPHall_Guest
 - Password Guest2018

Virtual connections / Poll everywhere

- PollEv.com/seakdrought914
- Texts [SEAKDROUGHT914](#) to [22333](#) to join the session, then they text a response.

Good morning! What phrase do you use to greet someone?

 When poll is active, respond at PollEv.com/seakdrought914

 Text **SEAKDROUGHT914** to **22333** once to join



A word cloud of various greeting phrases. The most prominent words are 'hello.', 'hi', and 'good morning'. Other visible phrases include 'hey', 'bonjour', 'howdy', 'aamagantaag', 'how's', 'sup yo', 'gday', 'wet', 'buenos', 'hola', and 'ciao'.

Which town do you live in?

 When poll is active, respond at [PollEv.com/seakdrought914](https://www.poll-ev.com/seakdrought914)

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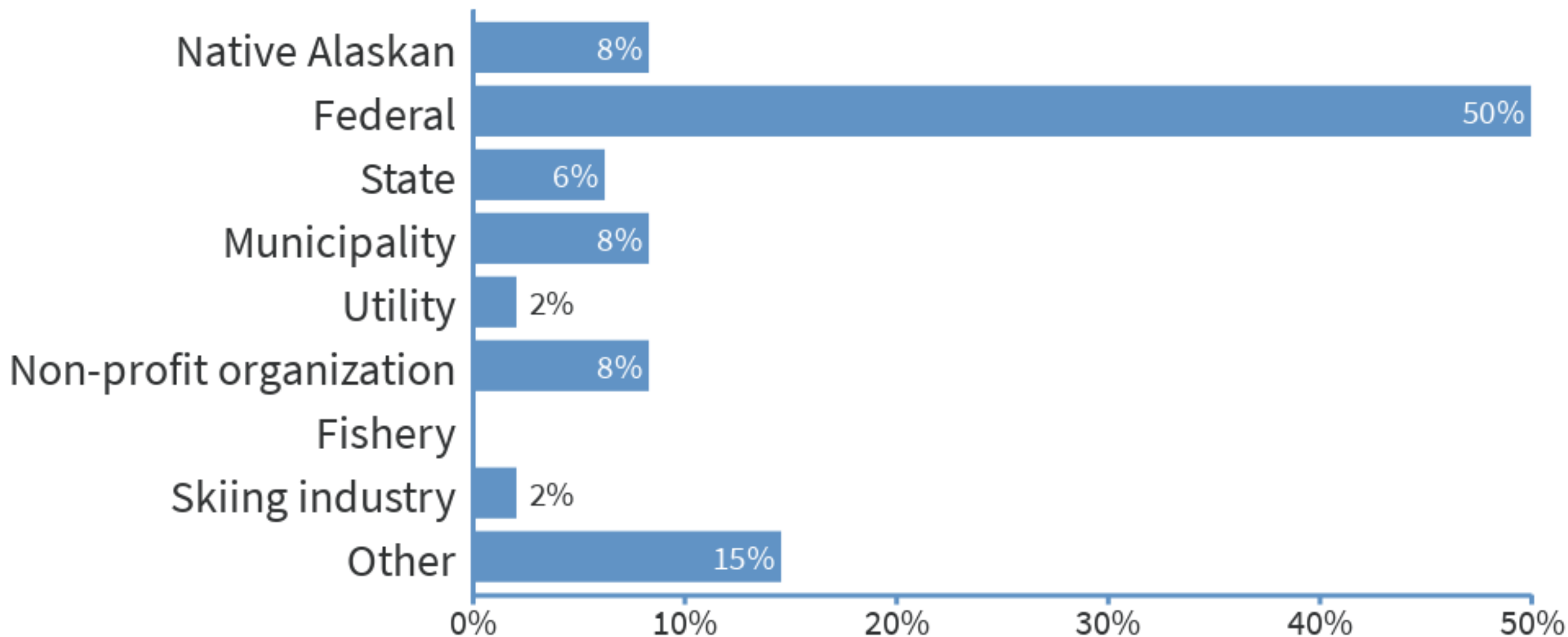


A word cloud of town names. The word 'juneau' is the largest and most prominent, written in a dark red color. Other towns include 'fairbanks', 'anchorage', 'spokane', 'petersburg', 'denver', 'wrangell', 'lincoln', 'nation', 'harbor', 'metlakatla', 'asheville', 'ketchikan', 'going', 'north tee', 'west', 'palmer', 'navajo', 'cheers', 'juno', 'hi', 'truckee', 'douglas', and 'az'. The words are arranged in a roughly circular pattern around 'juneau'.

What group, industry, organization do you represent?

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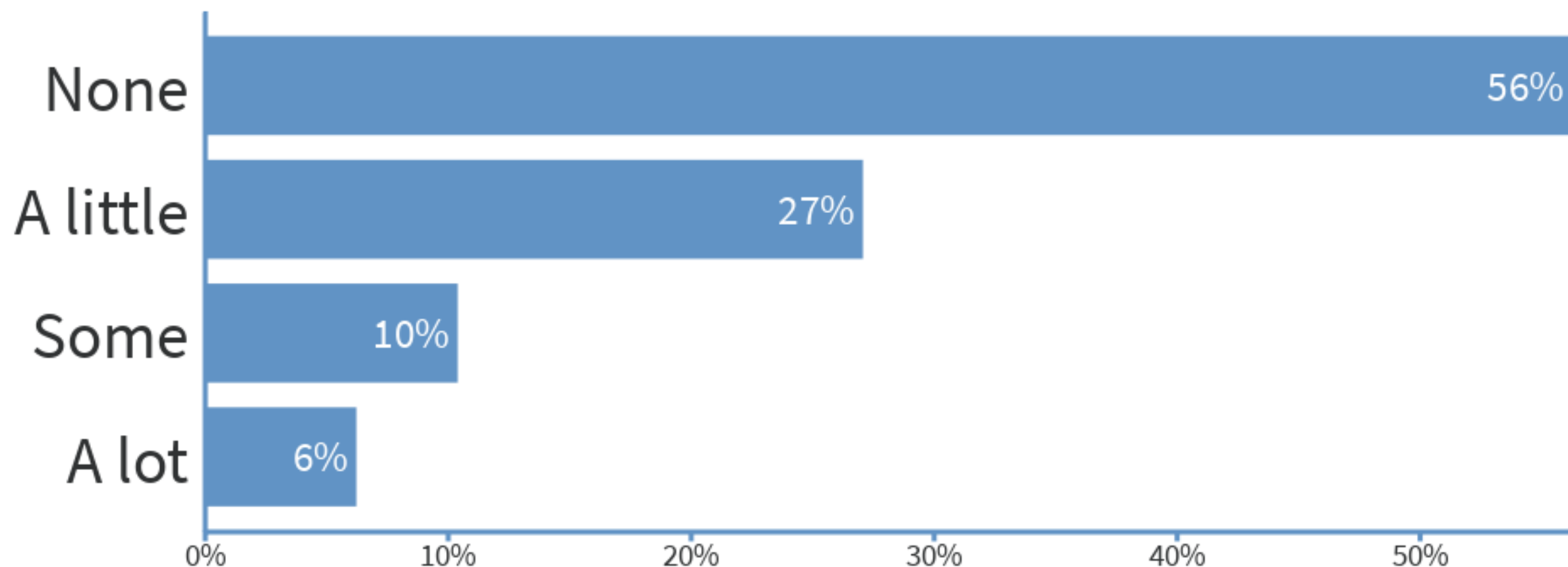
How much do you know about the U.S. Drought Monitor creation process?



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Questions

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