

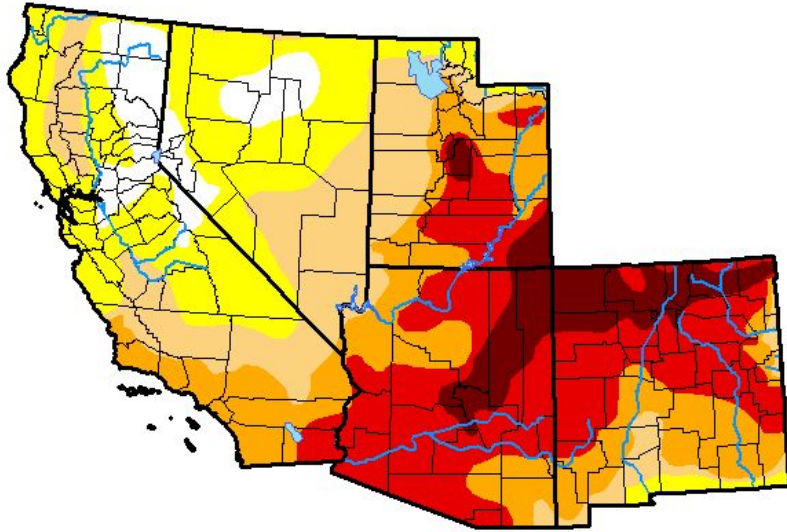


Evolution of the Southwest Drought Learning Network



Emile Elias
USDA Southwest Climate Hub
Southwest Adaptation Forum
October 10, 2022

U.S. Drought Monitor USDA Southwest Climate Hub



July 3, 2018
(Released Thursday, Jul. 5, 2018)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.95	93.05	70.31	51.00	31.20	7.80
Last Week 06-26-2018	7.23	92.77	70.31	51.05	31.20	7.80
3 Months Ago 04-03-2018	6.89	93.11	66.20	46.00	20.92	0.00
Start of Calendar Year 01-02-2018	30.60	69.40	41.73	9.36	0.00	0.00
Start of Water Year 09-26-2017	72.99	27.01	5.41	0.00	0.00	0.00
One Year Ago 07-04-2017	68.27	31.73	9.47	0.33	0.00	0.00

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

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<http://droughtmonitor.unl.edu/>



Why a Drought Learning Network?

- Often the communication between climate service providers and resource managers is lacking.
- Activities can overwhelm stakeholders if they are not well coordinated.
- Collaboration helps leverage expertise and resources.
- Drought impacts go beyond the physical impacts to the natural system.

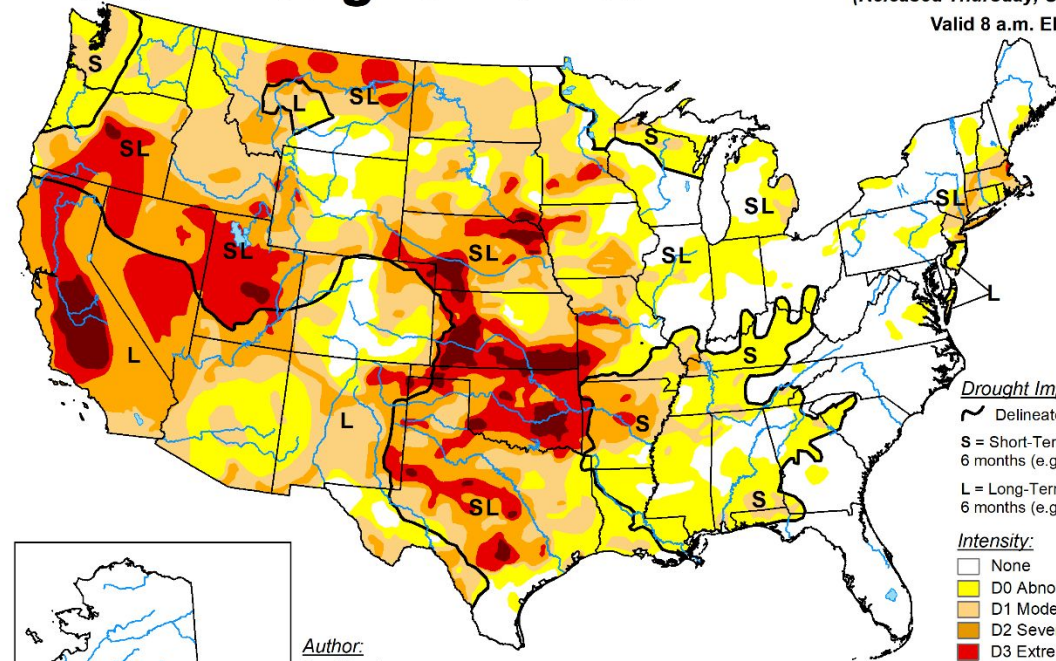
What is the SW Drought Learning Network?

Vision: Resilient landscapes and communities despite increasing drought severity.

Mission: The Drought Learning Network (DLN) links climate service providers with resource managers, and resource managers with one another, to increase landscape and community resilience in current and future drought.

U.S. Drought Monitor

October 4, 2022
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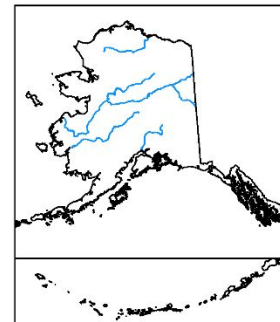


Drought Impact Types:

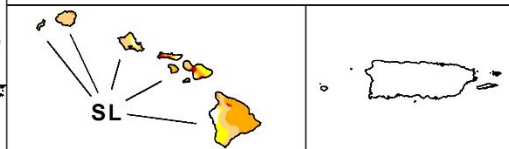
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- None
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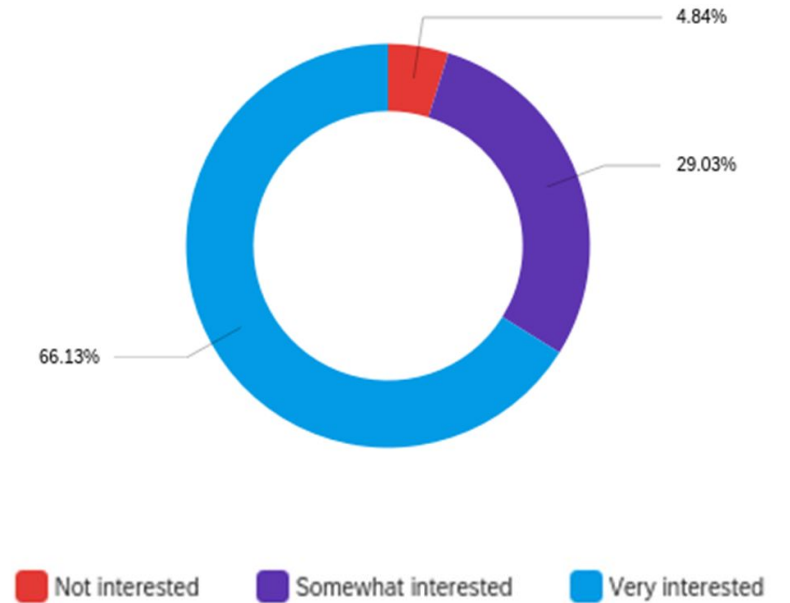
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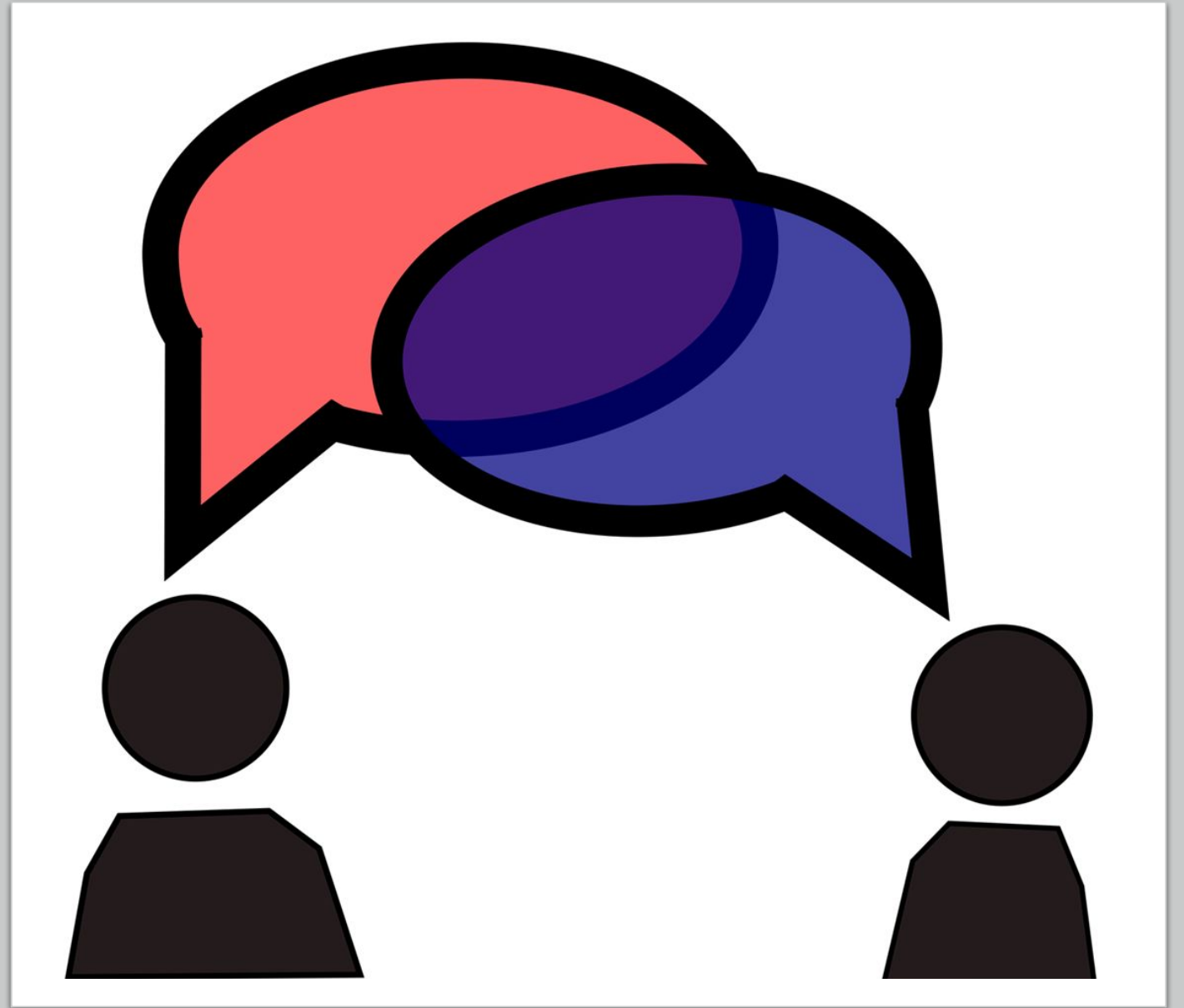
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Goal: Retaining management lessons

Survey of resource managers: 95% were very interested or somewhat interested in information about best practices and lessons learned by other resource managers during recent droughts.



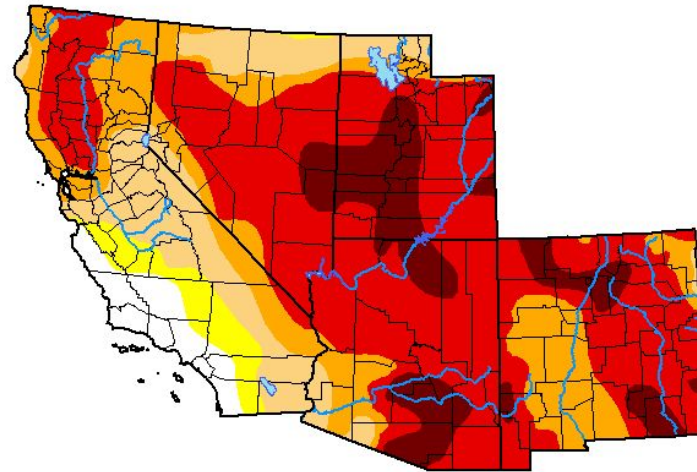
*Goal: Fostering knowledge exchange
between resource managers and
climate service providers*



U.S. Drought Monitor
USDA Southwest Climate Hub

November 10, 2020
 (Released Thursday, Nov. 12, 2020)
 Valid 7 a.m. EST

Goal: Responding collectively during future drought to foster resilience



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	4.16	95.84	92.07	78.76	59.84	12.43
Last Week <i>11-03-2020</i>	4.16	95.84	91.16	73.82	56.79	8.42
3 Months Ago <i>08-11-2020</i>	10.69	89.31	80.43	40.19	9.00	0.00
Start of Calendar Year <i>12-31-2019</i>	71.29	28.71	18.33	10.78	0.00	0.00
Start of Water Year <i>09-29-2020</i>	4.20	95.80	90.71	71.27	47.40	4.18
One Year Ago <i>11-12-2019</i>	21.29	78.71	38.49	17.37	0.00	0.00

Intensity:

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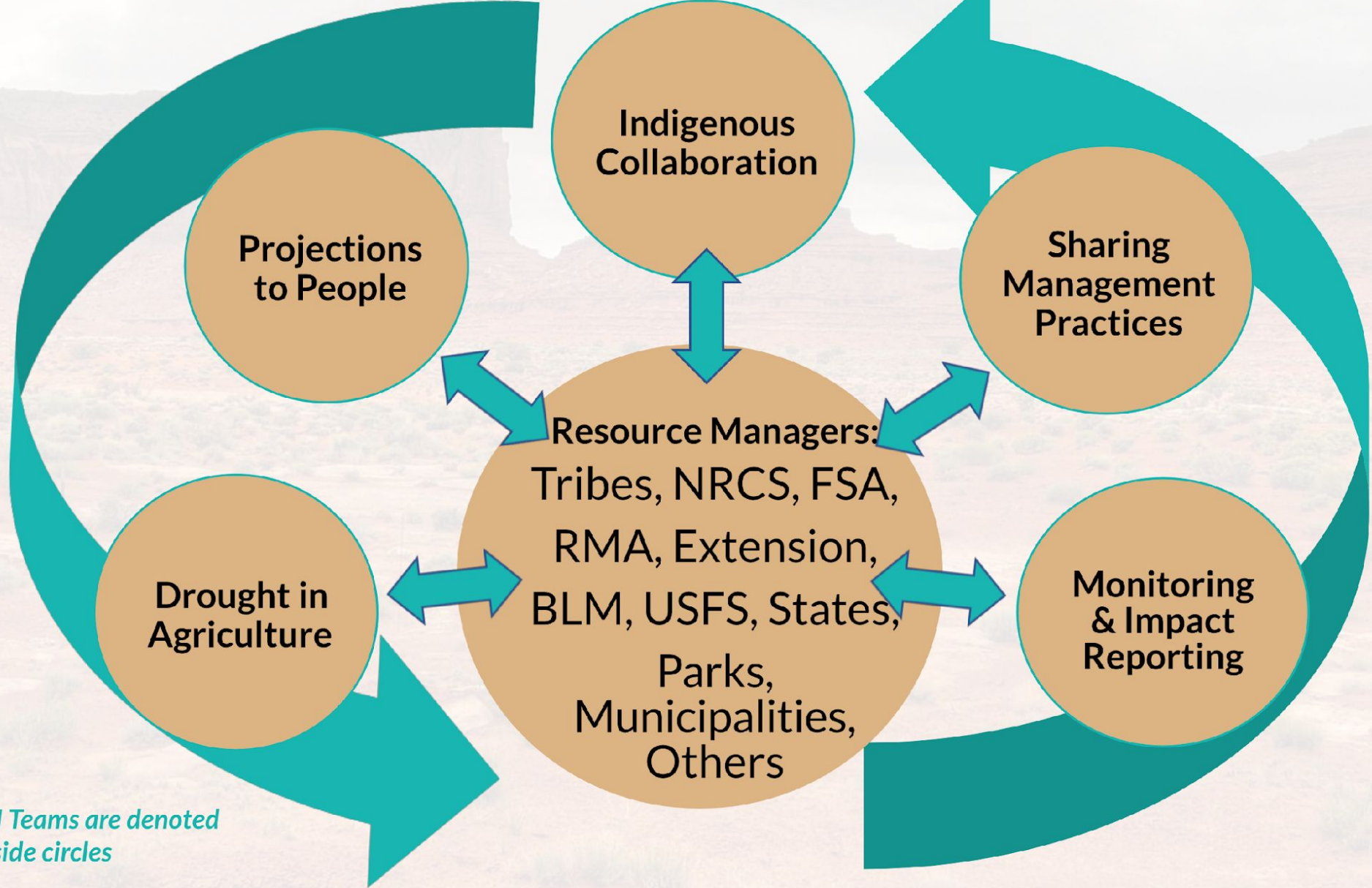
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*2022 DLN Teams are denoted
in the outside circles*