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First name: Bruce

Last name: Campbell

Organization:

Title:

Comments: Comments on Nez Perce-Clearwater NFs Forest Plan Revision #44089

Dear Zach Peterson,

Here are additional comments re: Draft EIS for NPCNF Plan Revision.

"'Megadrought' emerging in the western US might be worse than any in 1,200 years
Doyle Rice, USA TODAY Published 3:24 p.m. ET April 16, 2020 | Updated 7:14 a.m. ET April 17, 2020

Story Highlights

- * Scientists say that about half of this historic drought can be blamed on man-made global warming.
- * The study covers an area stretching across nine U.S. states from Oregon down to New Mexico.
- * Naturally-occurring western megadroughts have occurred many times before.

Fueled in part by human-caused climate change, a "megadrought" appears to be emerging in the western U.S., a study published Thursday suggests.

In fact, the nearly-20-year drought is almost as bad or worse than any in the past 1,200 years, scientists say.

Megadroughts - defined as intense droughts that last for decades or longer - once plagued the Desert Southwest. Thanks to global warming, an especially fierce one appears to be coming back:

"'We now have enough observations of current drought and tree-ring records of past drought to say that we're on the same trajectory as the worst prehistoric droughts," said study lead author A. Park Williams, a bioclimatologist at Columbia University, in a statement. This is "a drought bigger than what modern society has seen."

Scientists say that about half of this historic drought can be blamed on man-made global warming. Some of the impacts today include shrinking reservoirs and worsening wildfire seasons.

Since temperatures are projected to keep rising, it is likely the drought will continue for the near future - or fade briefly only to return, researchers say.

The study covers an area stretching across nine U.S. states from Oregon and Montana down through California, New Mexico and part of northern Mexico.

Daniel Swain, a UCLA climate scientist who wasn't part of the study, called the research important because it provides evidence "that human-caused climate change transformed what might have otherwise been a moderate long-term drought into a severe event comparable to the 'megadroughts' of centuries past."

Williams said that "'because the background is getting warmer, the dice are increasingly loaded toward longer and more severe droughts. We may get lucky, and natural variability will bring more precipitation for a while.

"'But going forward, we'll need more and more good luck to break out of drought, and less and less bad luck to go back into drought," he said.

Williams said the region could stay dry for centuries. "'That's not my prediction right now, but it's possible."

Naturally occurring western megadroughts have taken place many times before. In fact, most of the USA's droughts of the past century, even the 1930s Dust Bowl that forced migrations of Oklahomans and others from

the Plains, "were exceeded in severity and duration multiple times by droughts during the preceding 2,000 years," the National Climate Assessment said.
The difference now" (to be continued)

Sincerely,
Bruce Campbell
10008 National Bl. # 163
Los Angeles, CA 90034