

Submitter: Tony Newbill
On Behalf Of: possible study on SB 58 Cloud Seeding
Committee: Senate Committee On Natural Resources
Measure: SB80

Dear Senate Committee on Natural Resources , Regarding possible study on SB 58 Cloud Seeding ; Please consider that Central Oregon Residential Ground Water / Drinking Water resources are in Steep Decline , and is a really BIG reason why we need to consider SB 58 Cloud Seeding TOO

Oregon Water Resources Council has a report out showing that Test wells east of Bend and Redmond and at the Powell Butte test well are reaching a 40 foot aquifer decline since 1992 . And this decline is intensifying at a Doubling Rate !!!! State Moratoriums starts at 50 FEET !!!! Here's the report from 2 years ago ,
https://www.opb.org/pdf/OWRDMemo_DeschutesGroundwaterLevelDeclines_2021-09-01_FINAL_1657754829743.pdf

THIS is why I believe that we need to try every means possible to reverse these trends , and the ONE TOOL that's most readily Available is the Idaho Power Admin Cloud SEEDING program !!!!

<https://www.opb.org/article/2022/07/19/deschutes-water-rights-access-well-drilling-groundwater-central-oregon/>

<https://www.opb.org/article/2023/01/14/central-oregon-crook-county-extreme-drought-emergency/>

<https://www.cnbc.com/2022/12/17/how-cloud-seeding-can-help-replenish-reservoirs-in-the-west.html>

Metolius River declines to 50 % Flow , think about this , it's the closest Major aquifer to the Cascades , The Great Outdoors: Slow flows at the Metolius River headwaters

<https://centraloregondaily.com/%E2%96%B6%EF%B8%8F-the-great-outdoors-the-source-of-the-metolius-river/>

This means we are losing the Glaciers water supplies ,
<https://www.wweek.com/environment/2020/10/19/scientists-held-a-funeral-for-a-glacier-that-melted-in-central-oregon/>

And What about what Berkeley Laboratory is predicting a SNOWLESS Cascade Mountain Range, <https://www.opb.org/article/2021/11/03/snowpack-cascades-climate-change/> ,

Dear Senator Taylor , this is not just a Issue of Water use , It's a DECLINE in WATER SUPPLY FOR Central Oregon Residence , and we better start talking about this before the race to the Bottom gets here , like OPB says right ??? This is Climate Change , but even if we stop fossil fuel use today , no study available tells us when Climate Heals back no normal rainfall snow pack levels . But we now have the Idaho Power Cloud Seeding Model as a Tool .

Check out this Snow Boarder Magazine article from 7-8 years ago , on the guys in California at the Desert Research Institute in Reno Nv. , on their Trailer Mounted Cloud Seeding Generators . This is what we should consider because then we can remove them in the summer months , and if Climatology changes we can easily move the Generators . <https://www.snowboarder.com/transworld-snowboarding-archive/every-cloud-has-a-silver-iodide-lining>

Idaho doesn't do assistance with their cloud seeding program. We had Kala Golden with Idaho Water Resources Board come to the Farm Fair in Madras Oregon this past Feb to advise Farmers on Idaho's efforts to use Cloud Seeding as a Mitigation Tool in fighting Climate Change drought effects .

Kala Said that 3 years is what's needed to see the results .

<https://idwr.idaho.gov/iwrb/programs/cloud-seeding-program/>

<http://jeffcoseed.com/farm-fair/>

You guys may want to see If Kala Golden from Idaho Water Resources could join you Virtually for this meeting to go over the Idaho Cloud Seeding Projects like she did at out Jefferson County Farm Fair , to discuss the similarities between the states water sheds and how Cloud Seeding can be implemented to help mitigate this disaster .

Kala Golden's contract info is in this link ,
<https://idwr.idaho.gov/iwrb/programs/cloud-seeding-program/>

The Desert Research Institute will partner with you to design a holistic approach to meet the needs of a Safe and Efficient Cloud Seeding Program .
<https://www.dri.edu/cloud-seeding-program/>

Thanks again for your time , Service and Consideration .