



CLOUD SEEDING UPDATE FOR NOVEMBER 2024-APRIL 2025 FOR HIGH COUNTRY RC&D AND ASSOCIATES

Our cloud seeding season for 2024-25 has come to an end. Our last official day was April 15th, but as discussed we left generators on site until month end and our last operations were on April 28, 2025.

Spring came early in April with warm temperatures and little moisture, but thankfully a few wet storms moved through on the 17th and 28th of April to allow some run times at our higher elevation generators. We ran a total of 97.5 hours during April, bringing our year-to-date total to 1415.75 hours. Ironically, one of the best storms for moisture for Teton County came on May 6th after we had ceased operations!

The season was a challenge from the beginning, with us only operating 102.25 hours in November. December, February and March were our biggest months, running over 300 hours in each of those. Clark County was challenged the most suffering from the shadowing effect of storms being blocked by Western valley mountains. Other target areas held around the 100% of snow pack levels most of the season. As usual, our higher elevation sites at Victor and Palisades had the most run time hours.

All of the generators have been retrieved and are being stored at our place. The chemical has been measured and is also being stored by us, and is summarized below:

High Country RC&D				
Summary of Inv.				
May-25				
	Qty	Unit Price	Total \$	Hours Chem Would Run @ 20 gram
Silver Iodide	109.11	\$ 455.00	\$ 49,645.05	2468.08
Ammonium Iodide	35.45	\$ 76.00	\$ 2,693.94	2532.02
Acetone	324.50	\$ 9.16	\$ 2,972.42	982.66
Propane	3217.00	\$ 1.73	\$ 5,565.41	2680.83
Total			\$ 60,876.82	

You'll notice we have enough silver and ammonium iodide to operate approximately 2500 hours. When our supplier of silver iodide makes their summer run and announces their price for that run we will contact the Board and hopefully order enough product to run 4000 hours. Propane is always misleading because some of the tanks are fuller than others, and we only fill any tanks below 50%. I estimate we will need around 1300 gallons and we will fill those this summer taking advantage of summer propane pricing.

The annual reports for NOAA will be filed on June 1st, since we had put in our initial report that we could continue operations through May 31st. Hours of operation have been submitted to the Idaho Department of Water Resources and they will also receive this written report. This satisfies all reporting requirements.

Marty and I both were able to attend the annual Weather Modification Association convention which was held in Salt Lake City, Utah this year. It was a great conference with a high number of attendees. It was interesting that there is a noticeable growth in cloud seeding worldwide, but yet here in the United States there was legislation to halt or alter cloud seeding in 32 states this year. WMA is looking at the possibility of having an executive director that would be available to testify in all states and provide valuable information to these states and their projects to help keep cloud seeding be successful. Drones and AI intelligence were new topics of presentations at this conference as well.



Generator February 2025

We are proud to have completed our 30th year of cloud seeding operations in Eastern Idaho! Thankfully we have done this with the assistance of many, many good people!!