

Umatilla County Operations Report

Drafted for the *Oregon Department of Agriculture*

February Report

RAINMAKER



February 2024 Weather Modification Report

Equipment, type and composition of materials, operational times

Drone: Rainmaker Elijah v0



Material: Silver Iodide

Operation Logs:

Date	Duration (Minutes)	Agl Mass Dispersed (g)
20250202	30	300

Locations of equipment operation

West Pilot Rock, Umatilla County

Name and address of each person participating in the operation other than the licensee

Kaitlyn Suski & Teegan Romero



Estimated precipitation gain or loss resulting from the operations

During February 2025, Umatilla County experienced relatively dry conditions, with total monthly rainfall notably below historical averages. Cloud seeding activities were limited, with only one brief operational flight conducted on February 2. Given the overall dry pattern dominating the month, this single operation likely resulted in negligible additional precipitation. As research efforts in the region were winding down, no significant follow-up operations were conducted, and overall weather impacts remained minimal.