

Umatilla County Operations Report

Drafted for the *Oregon Department of Agriculture*

March Report

RAINMAKER



March 2025 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)
20250302	20	200
20250303	60	600
20250310	20	160

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

March 2025 brought near-average precipitation to Umatilla County, slightly below long-term norms. Weather modification operations continued to decrease in frequency, reflecting a strategic reduction of research activities in the area. Only three modest operations were conducted early in the month, specifically March 2, 3, and 10, aligning with relatively weak storm systems. Due to limited operational intensity and marginal atmospheric conditions, these cloud seeding efforts produced minimal noticeable enhancement of precipitation during this period.