Weather Modification Pilot Program (Cloud Seeding) Update

May 5, 2025

Overview of Cloud Seeding Pilot Program

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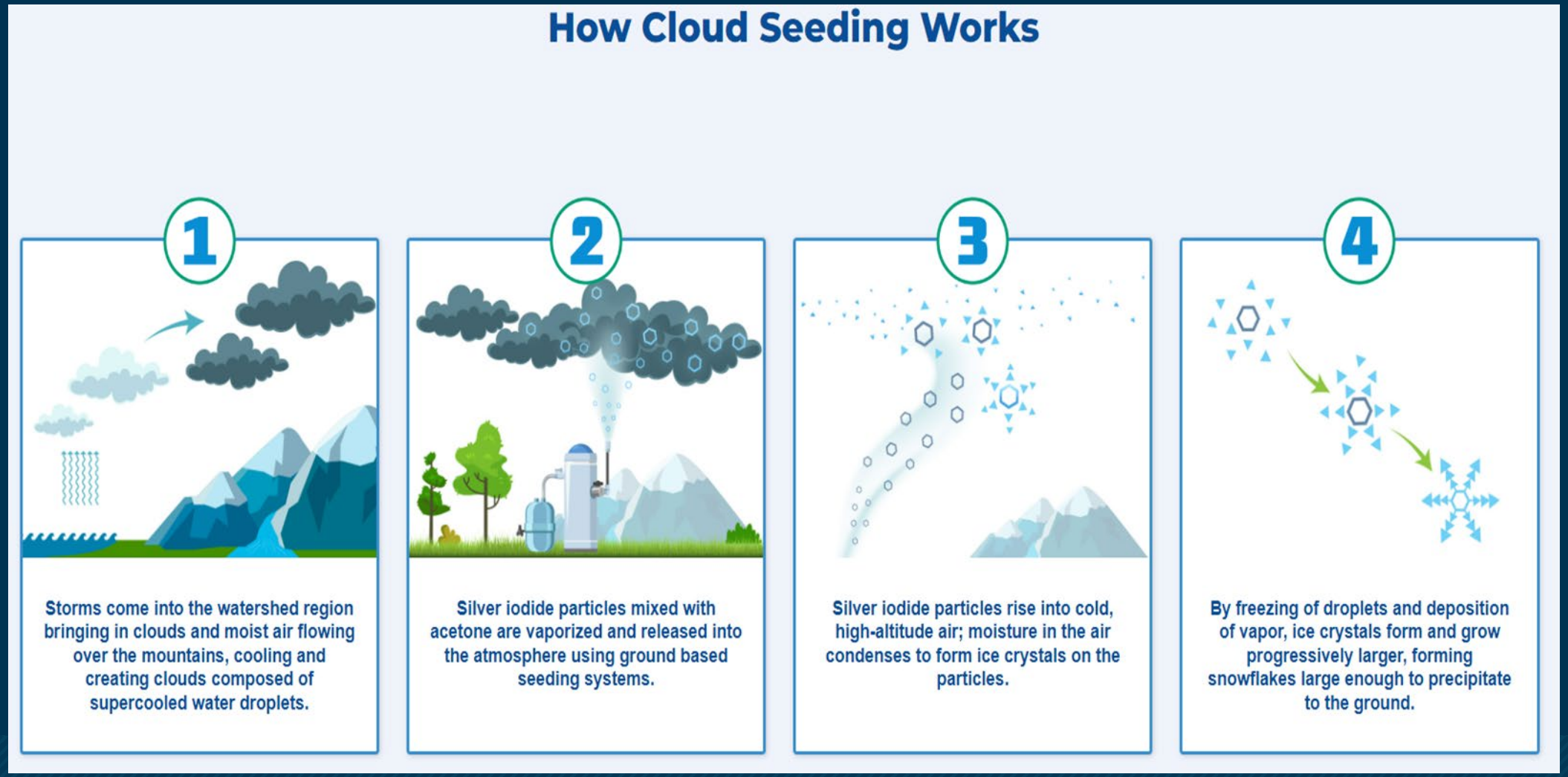
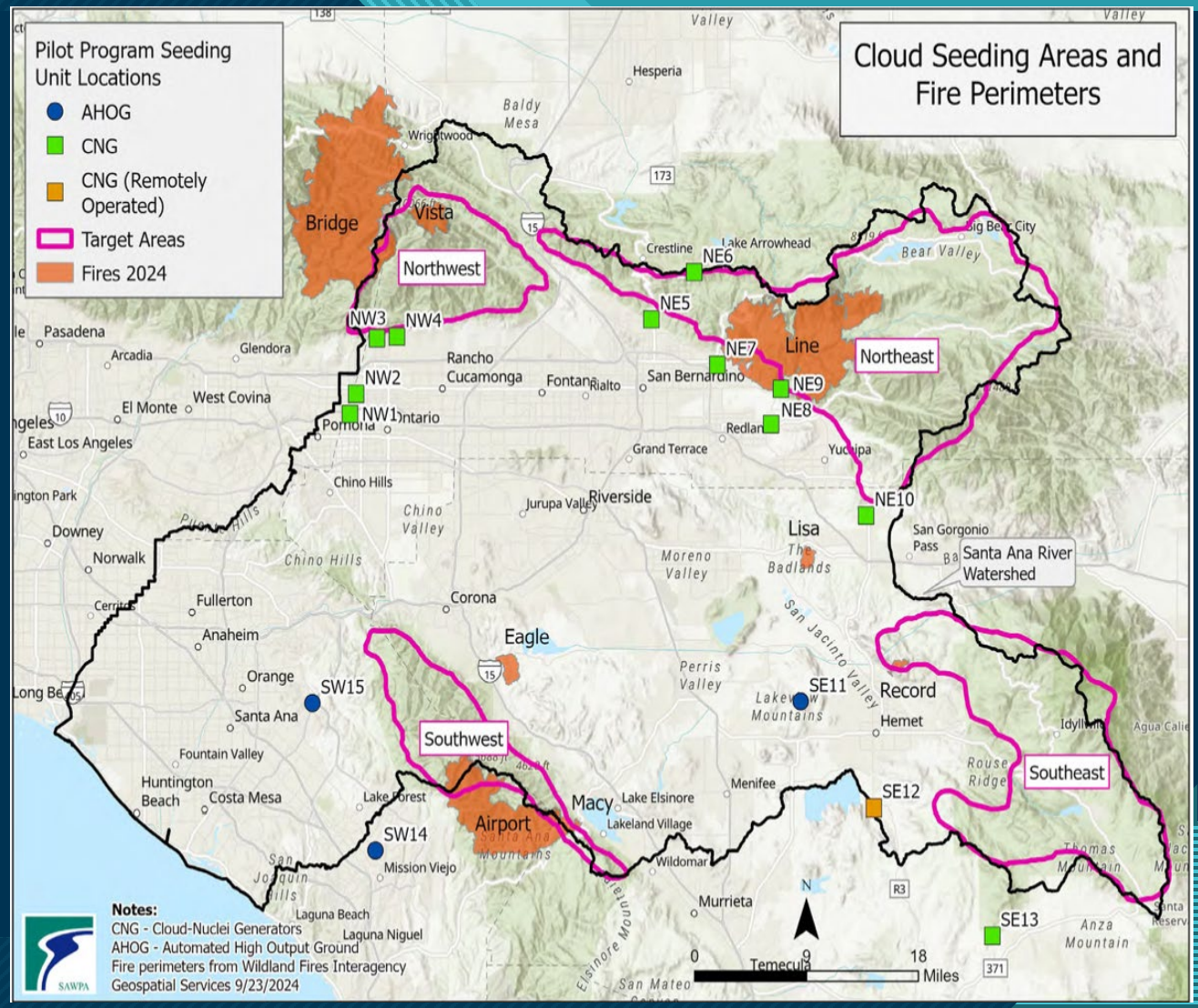


Summary of First Year of Cloud Seeding (2024)

- 13 storms were seeded, with 1,703 generator-hours and 22 flares.
- All time periods with favorable conditions were seeded (outside the early Feb atmos. River).
- The snow chemistry showed mostly low values of seeding material in the assessed snowpack.
- If all seeding time periods were successfully seeded, as much as 29,000 acre-feet of additional precipitation was possible.
- If all seeding time periods where precipitation was measured were successfully seeded, as much as 11,000 acre-feet of additional precipitation was possible.
- The precipitation target and upstream control analysis of the seasonal snowpack suggested, the target area gauges had more precipitation than climatologically expected for the most locations.
- There was no evidence of a decrease in precipitation downwind of the project area.

Postponement of 2nd year of Cloud Seeding

- SAWPA Staff will be postponing Year 2 Operations (November 15, 2024 - April 15, 2025) of the Santa Ana River Watershed Cloud Seeding Pilot Program
- The decision was based on:
  - The potential for debris flows from the burn scars from recent wildfires in the watershed
  - Input received from the three Flood Control Districts
  - Program's Suspension Criteria



Thank You