



Like Cloudseeding. Only Better.

Understanding the difference --
and why both tools belong in your
water supply strategy



Cloudseeding

Proven. Established. Limited.

- Disperses silver iodide via aircraft or ground generators
- Triggers ice crystal formation in cold clouds
- Requires specific temperature + moisture conditions
- Ongoing chemical and operational costs
- Utah invests \$16M annually



Ionization

A Different Mechanism Entirely

- Electrical charge ionizes naturally occurring aerosols
- Charged particles travel upward on wind currents
- Attach to cloud nuclei, stimulating precipitation growth
- No chemicals introduced — zero atmospheric additives
- Solar-powered, ground-based, fully autonomous



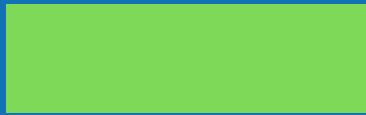


The Difference

At A Glance

Category	Cloud Seeding	WETA Ionization
Chemical Inputs	Silver Iodide	None
Aircraft Required	Often	Never
Temperature Range	Cold Clouds	Warm + Cold
Power Source	Grid/Fuel	Solar
Operational Life	Annual	15 Years
Coverage	Variable	Up To 230K Acres

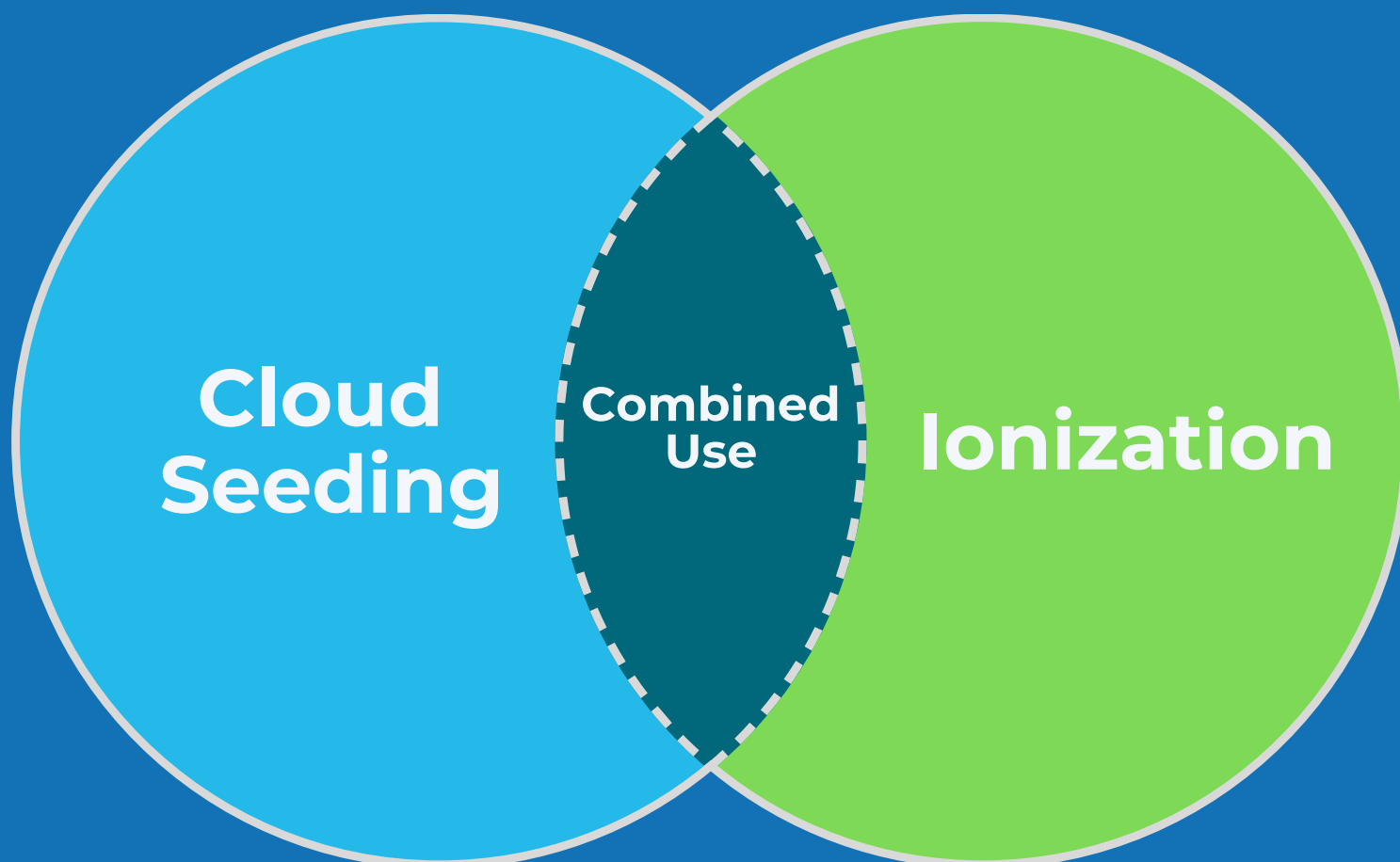




Better Together

Cloud seeding excels in high-moisture, cold cloud conditions. Ionization covers a broader range of storm events, including marginal conditions where seeding can't effectively operate.

In a water-stressed West where every storm counts, plugging that coverage gap is the point.



Together, they cover the full spectrum of weather conditions



The Proof

Results That Matter

>20%

Snowpack Enhancement

Above historical baseline for dry years

+3.5"

**Additional Snowpack
(Treatment vs Control)**

+2.0"

**Snow Water Equivalent
(SWE) Increase**

- Achieved during one of the driest, warmest western winters on record
- System operated autonomously on solar power throughout





Ready to Talk About Your Watershed?

Rain Enhancement Technologies operates active installations in Utah and Colorado.

Chemical-free.

Solar-powered.

Proven results.

Contact Randy Seidl: randyp@rainenhancement.com

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