RAIN ENHANCEMENT TECHNOLOGIES

Corporate Presentation

RET: Data-Driven Solution to the Global Water Crisis

Addressing water scarcity through cost-efficient, scalable precipitation optimization

Technology & Efficacy

- Mission-driven solution: Serving drought-affected regions and water-dependent industries
- Evidence-based results: 6-year documented efficacy in field trials
- Complements existing: Integrates with broader water management strategies
- Environmental profile: Chemical-free process supporting decarbonization goals

Economic Value

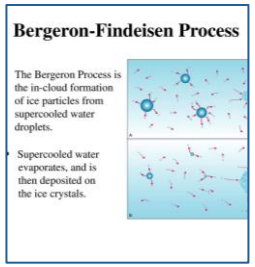
- Superior ROI: as little as 6-month payback period
- Operational efficiency: Minimal operating costs with no feed materials
- Long-term durability: 15-year operational lifespan
- Multi-season versatility: Year-round value through shoulder season precipitation to optimize snowpack formation

Implementation & Scalability

- Capital efficient: No ongoing capex requirements
- Rapid deployment: Easy to install, trial and remove
- Precise control: WETA system activates/deactivates within hours
- Geographic flexibility: Scalable across diverse regions

Source: Third-party studies and trials. RET has licensed engineering designs for rainfall optimization equipment and systems.

Rain Enhancement Tech Ionization Cloudseeding; Proven, Reliable Technology with Demonstrated Results

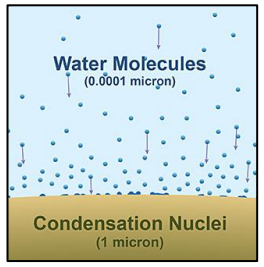


1930s

Bergeron-Findeisen theorize around supercooled water droplets

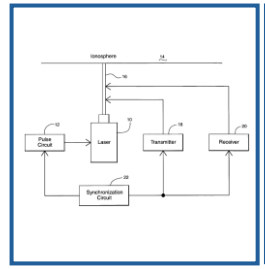
1990s

MIT's Atmospheric Lab conducts field trials in weather modification



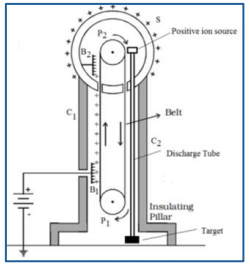
2017

Cloud condensation nuclei acknowledged as research principle



2022

Leading antenna physicist, Dr. Ted Anderson, builds roadmap for significant antenna improvement[2]

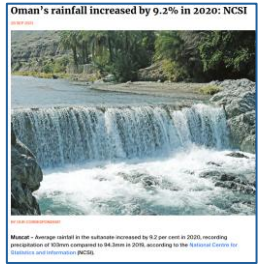


1931

Van De Graaff Generator introduces ionization principles

1953

Dr. Vonnegut suggests influence of electricity, winds on storms



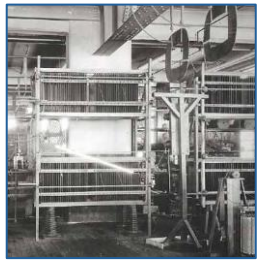
2020

Local Oman news reports 9% rainfall increase[1]

2025

Rain Enhancement Technologies Holdco, Inc starts public trading on the Nasdaq: RAIN

1931 — 1940s — 1950s — 1960s — 1990s — 2017 — 2020 — 2021 — 2022 — 2025



1946

Dr. Vonnegut discovers effectiveness of silver iodide at GE Lab

1964

Soviet scientists run successful supercooled fog dissipation experiments

2018

First statistically significant results in 3rd party trials facilitated in part by Scott Morris in Oman[1]

2021

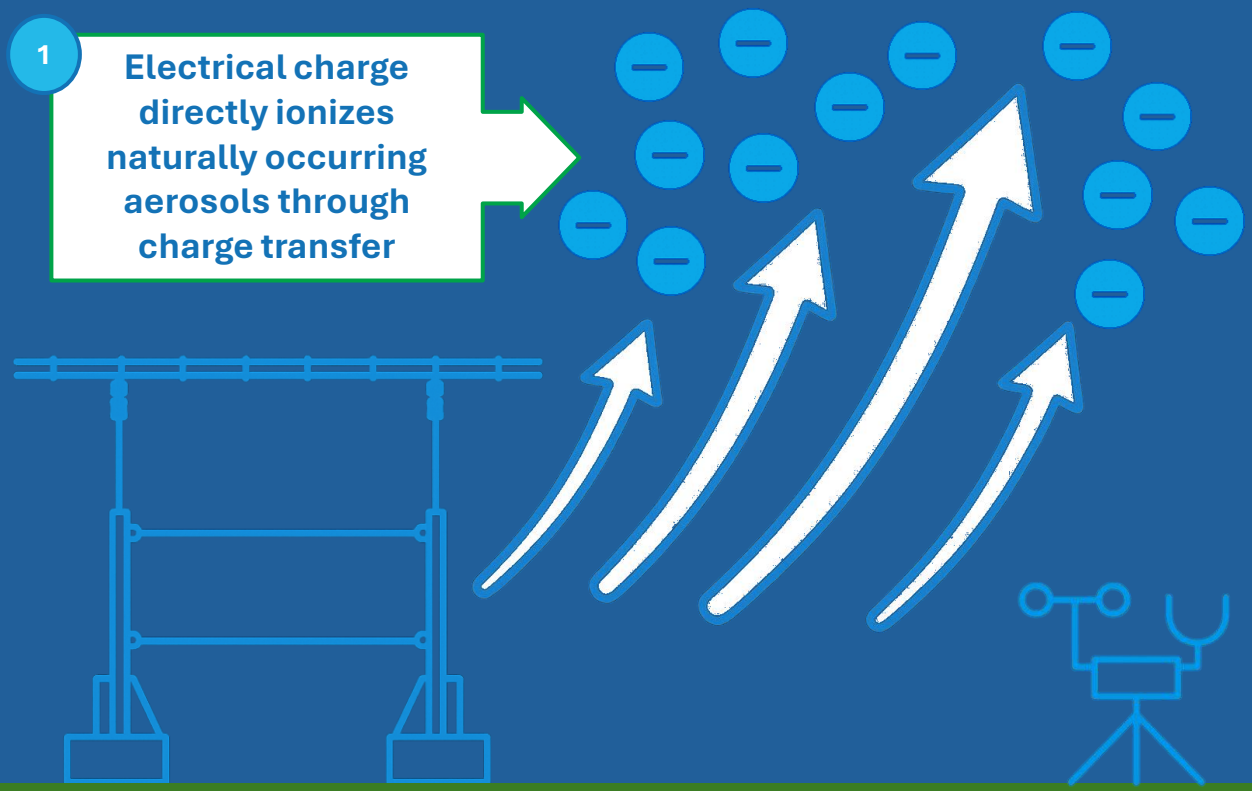
Oman news reports 18% rain increase over a 3rd party, 5-yr trial period from 2013-2018[1]

Technology Innovation

- ✓ Machine learning and advanced gauge monitoring allow for precise measurement
- ✓ Improving where and when to enhance rain
- ✓ Ongoing electronic monitoring to validate results

2 **Ionized aerosols travel to the cloud layer in plumes, moved by local winds**

1 **Electrical charge directly ionizes naturally occurring aerosols through charge transfer**



3 **Ion plumes enhance cloud condensation nuclei, stimulating precipitation growth**

No Feed Reagents

- ✓ No AgI, Gas or other CN (Condensation Nuclei) agents – reduce maintenance, no chemicals required
- ✓ Uses naturally occurring processes

Key Requirements

- ✓ 2000W solar panel energy requirement
- ✓ Proven operations above 32°F and potential for colder temperatures
- ✓ 1/10 of an acre fenced in area
- ✓ Install upwind of target area

WETA System Technical Specifications

Advanced enhancement technology: key components and operational parameters

Physical Design & Materials

- Construction materials: Composite materials including fiberglass and ceramics for durability and performance
- Ionization antenna: 39ft (12m) wide fiberglass composite structure attached to ceramic insulators for high voltage operation
- Operational height: 26ft (8m) above ground level when fully extended
- Ionization surface: Stainless-steel wire with multiple kinks and frays creating numerous corona inception points for high ionization rates

San Juan County, Utah

Electrical System & Operation

- Power source: -100kV DC energy applied via shielded high-voltage cable to the top triangular section
- Operating current: 0.01mA - 2mA typical, with higher currents during high humidity and rain events
- Intelligent control: Automated monitoring system with fault detection and voltage adjustment capabilities
- Power consumption: <500W during enhancement and <90W in standby mode (with Starlink, lower when using cell networks)

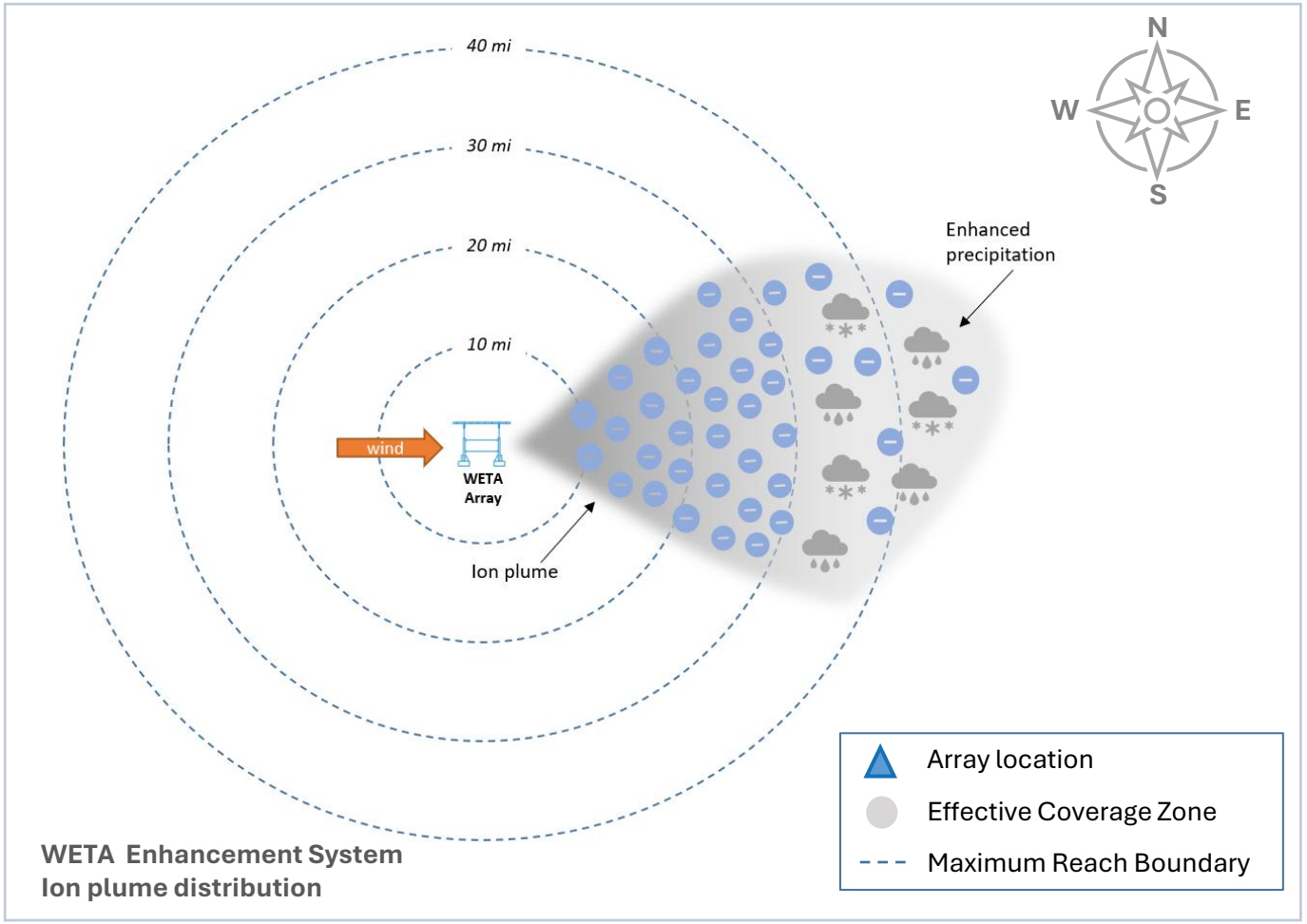
Weld County, Colorado

RAIN ENHANCEMENT TECHNOLOGIES

WETA: Weather Enhancement through Atmospheric Technology

WETA Coverage Area & Monitoring System

Ion plume distribution and measurement methodology for precipitation enhancement verification



WETA Enhancement System
Ion plume distribution

Coverage Area Metrics

- Initial effect: Begins approx. 0.5 miles out from the array
- Maximum reach: Ion plume extends 30-44 miles depending on prevailing winds
- Lateral spread: Expands ~1 mile on each side of the array
- Maximum width: Up to 18 miles wide at furthest point
- Cross-wind operation: Still creates enhancement over smaller targeted area

Monitoring Methodology

- Targeted monitoring: Defined target and control areas to quantify effectiveness
- Measurement network: Research grade rain and snow measurement documenting precipitation
- Data integration: Existing local measurement systems incorporated into analysis

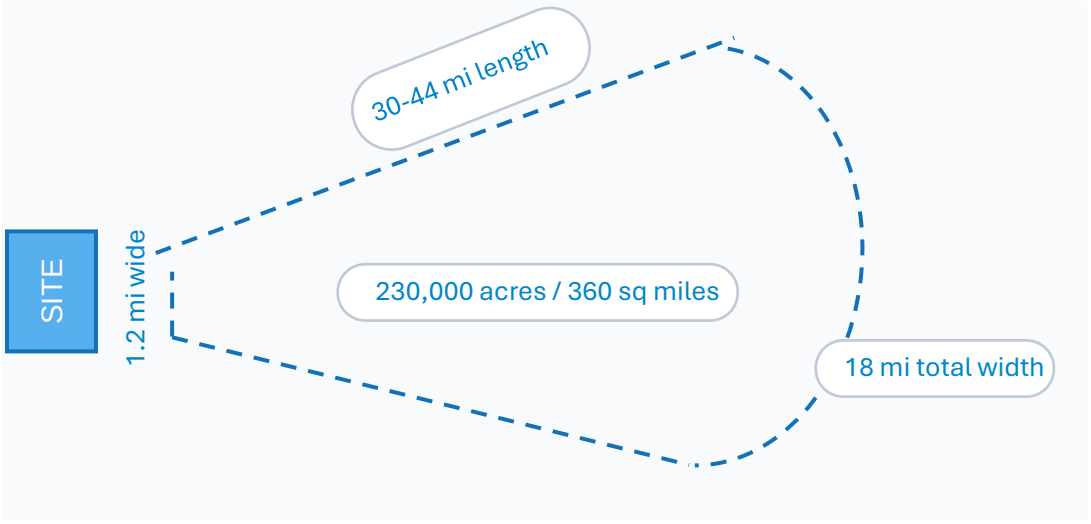
Source: RET field deployment data and atmospheric dispersal modeling

RAIN ENHANCEMENT TECHNOLOGIES

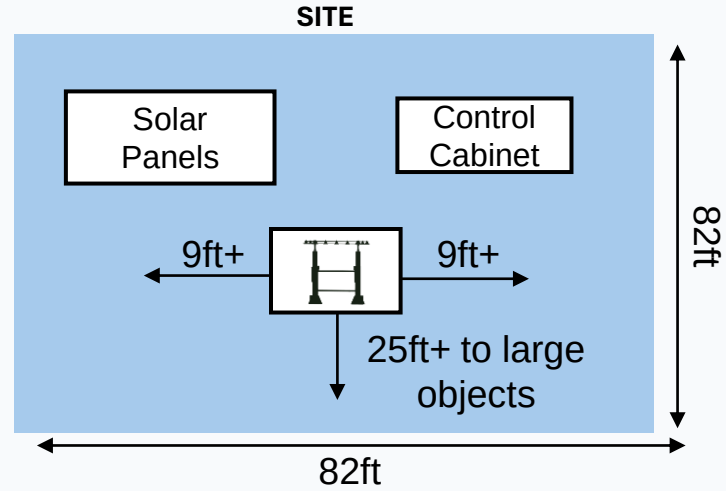
WETA Coverage Area Per Array

Maximizing enhancement impact with minimal land footprint

Coverage Impact Zone



Site Layout Requirements



Key Benefits

- Compact footprint: Small 0.6 mi site creates up to 360 mi2 coverage area, extending up to 40mi from WETA
- Flexible placement: Simple site requirements and ability to separate components allow installation in various locations
- Expanding coverage: Natural plume dispersion maximizes enhancement area from compact site

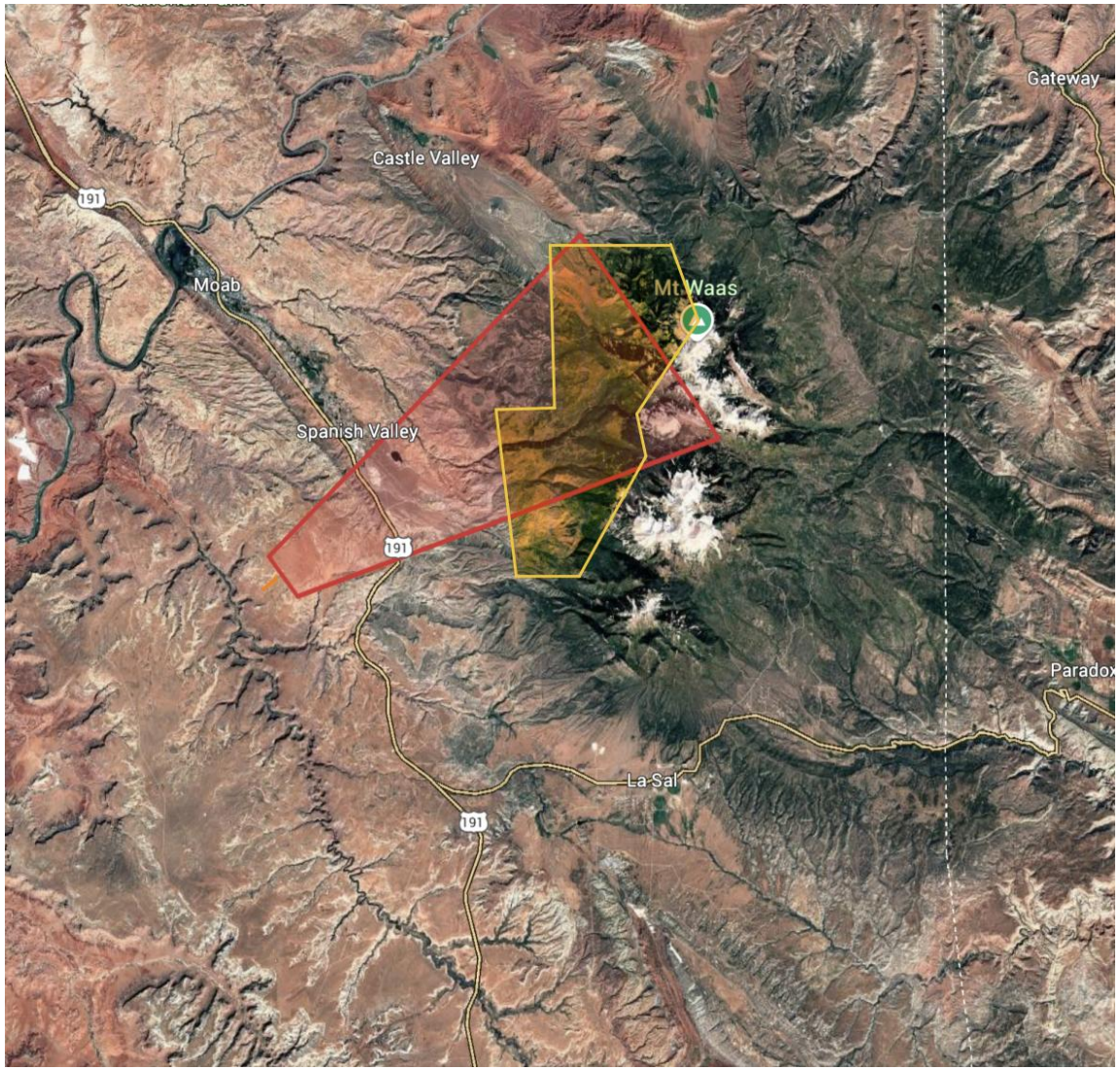
Key Dimensions

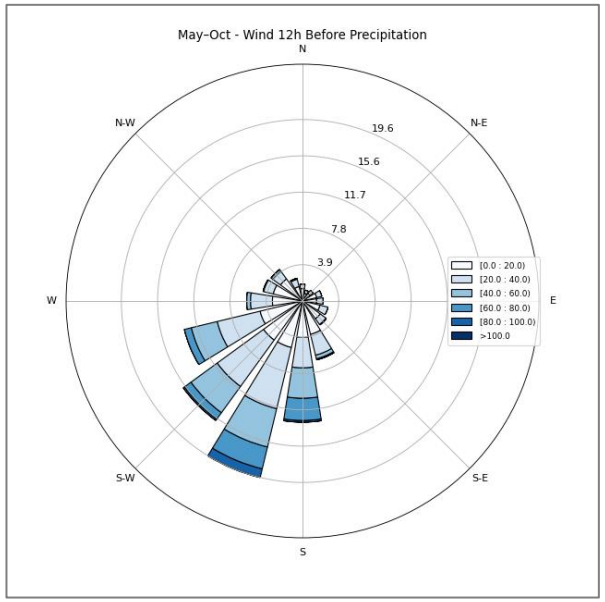
- Recommended area: Level surface of 82 ft × 82 ft
- Can be installed in multiple smaller spaces, on ridges, slopes and hills
- Component spacing: 9 ft+ separation between system components
- Clearance: 25 ft+ distance required from array to large objects

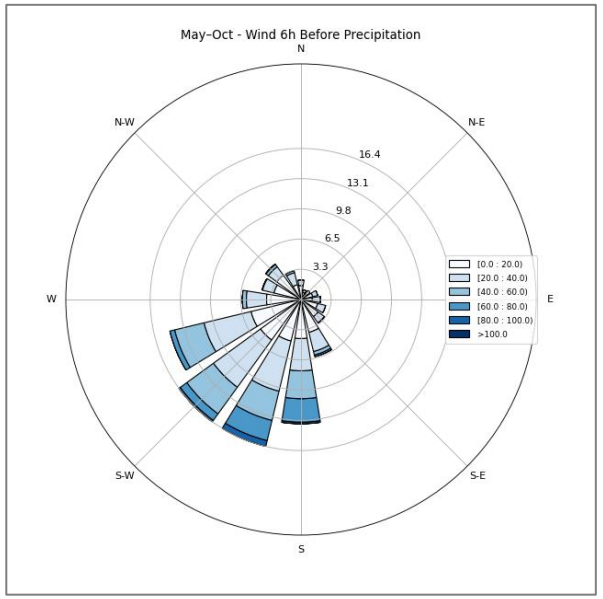
Note: Actual coverage depends on local environmental conditions and topography

RAIN ENHANCEMENT TECHNOLOGIES

WETA Site Illustration – La Sal Mountains, Utah WARM MONTHS





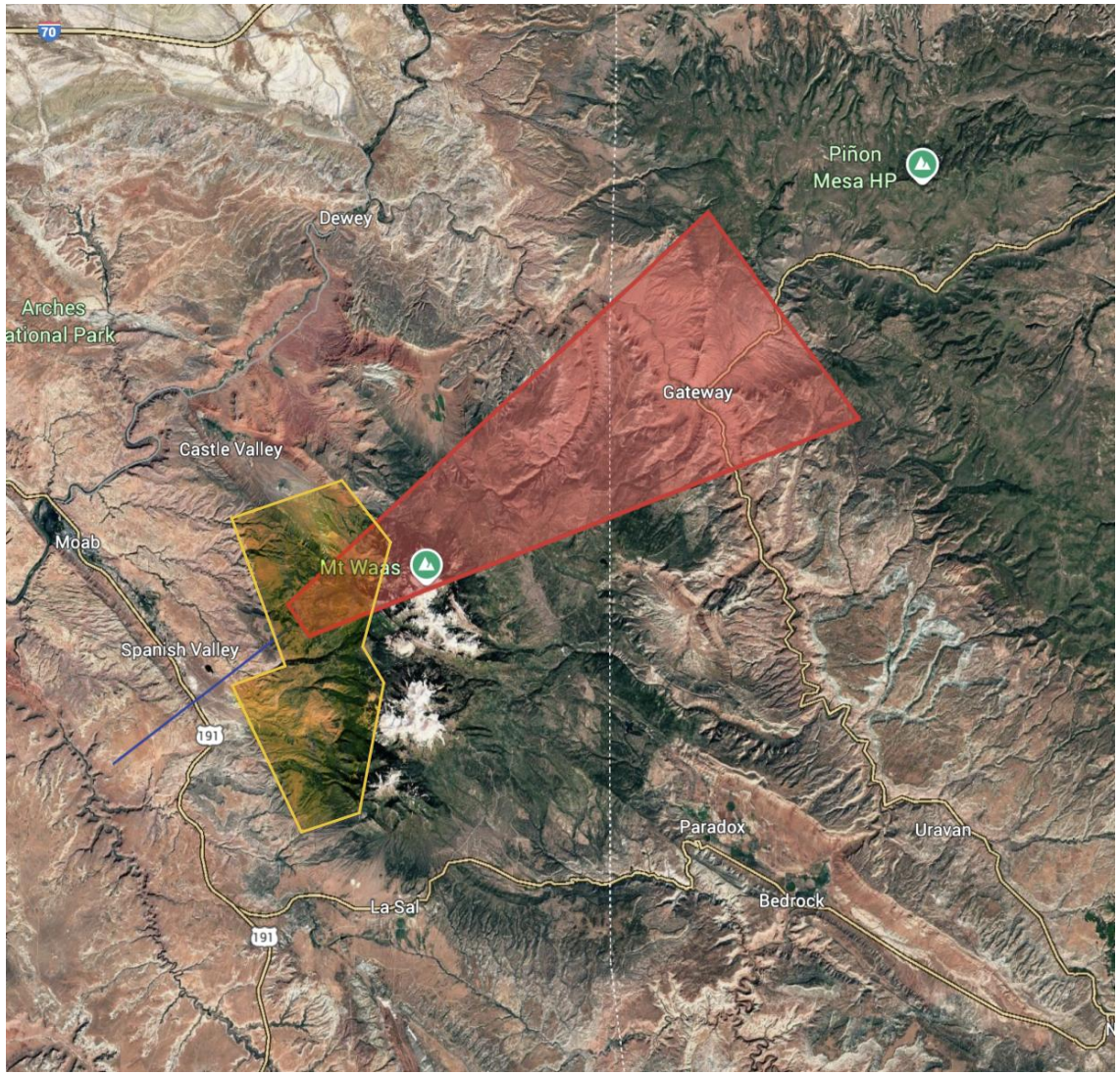


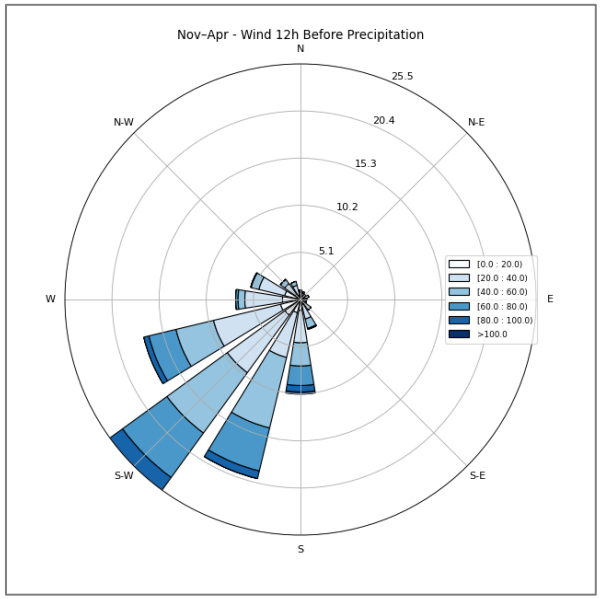
- Southwesterly flow is most prevalent during precipitation events
- The ion plume is thus carried by the wind towards the northeast.
- For enhancement over the western La Sal, an optimal site for WETA is to the southwest.

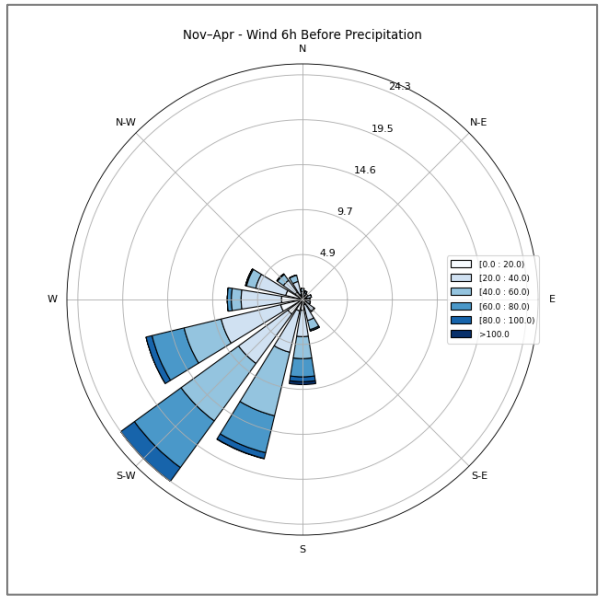
Note: Actual coverage depends on local environmental conditions and topography

RAIN ENHANCEMENT TECHNOLOGIES

WETA Site Illustration – La Sal Mountains, Utah WINTERTIME







- In wintertime, southwesterly flow is still most prevalent.
- The difference is that winds are stronger on average in winter
- The ion plume is carried farther downstream, resulting in enhancement on both the western and eastern slopes..

Note: Actual coverage depends on local environmental conditions and topography

RAIN ENHANCEMENT TECHNOLOGIES

Oman Trials: Methodology and Independent Validation

Rigorous multi-year testing in one of the world's most water-stressed regions with independent statistical validation

Trial Methodology & Dataset

- Location & Period: Conducted in **Hajar Mountains from 2013-2018**, one of the most water-stressed/-stressed areas in the world ☑ **STILL ACTIVE**
- Monitoring Network: **~20 weather stations, ~200 rain gauges on 6mi grid**, and radiosonde data to track atmospheric conditions
- System Deployment: **12 devices over 6 years with 3 generations of systems** designed for improved ion generation and durability
- Operating Protocol: **Randomized operating schedule** defined yearly with systems switched on/off on designated days to enable statistical measurement
- Data Volume: **122,259 gauge-day and 740 days of data** collected for comprehensive statistical analysis

Scott Morris

CTO, Rain Enhancement Technologies
Precipitation Enhancement Expert

> *"Analysis shows that ionization led to statistically significant enhancement in positive rainfall."*
>
> ROYAL STATISTICAL SOCIETY
> DATA | EVIDENCE | DECISIONS

> *"The model-based & double robust methods both show enhancement with highly significant results."*
>
> isi International Statistical Institute

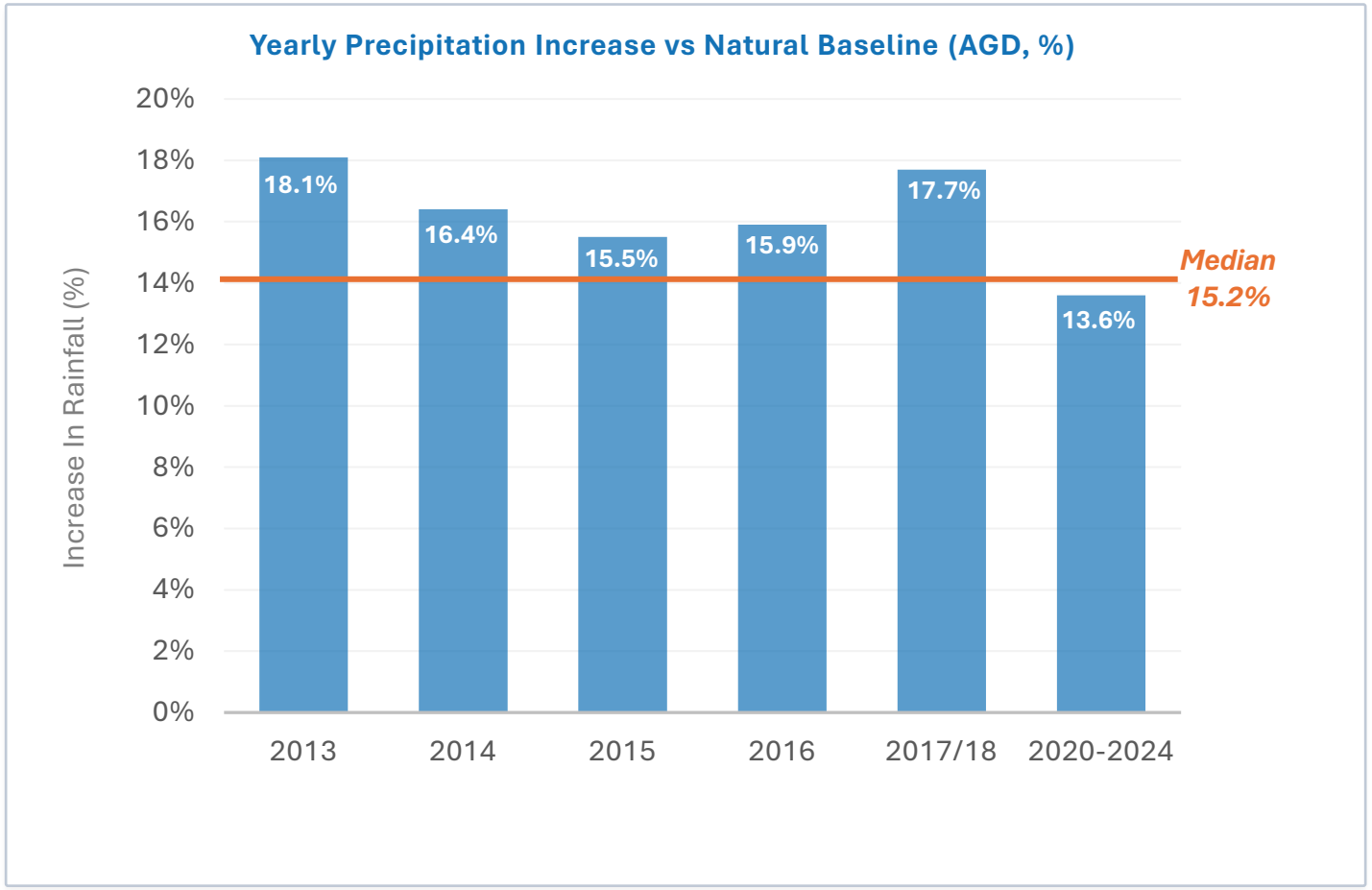
Statistical Result: 17.64% rainfall enhancement compared to natural precipitation levels, validated through sophisticated post-trial methodology

Source: Royal Statistical Society and International Statistical Institute journals
Note: 3rd party case study supported by Scott Morris not in capacity as RET senior technical advisor
2Nudging a Pseudo-Science Towards a Science—The Role of Statistics in a Rainfall Enhancement Trial in Oman - Chambers - 2022 - International Statistical Review

RAIN ENHANCEMENT TECHNOLOGIES

Oman Trial Results: Consistent Rainfall Enhancement

Multi-year data showing sustained precipitation increases during enhancement periods



Key Performance Metrics

- Average enhancement: 17.64% increased precipitation across all trials
- Consistent performance: Median 15.2% enhancement with range of 13.6–18.1%
- Year-over-year stability: Enhancement maintained across changing climate conditions

Statistical Validation

- Methodology: Randomized on/off schedule enabling statistical comparison
- Comprehensive dataset: 122,259 gauge-days and 740 trial days
- Independent review: Royal Statistical Society and International Statistical Institute validation

Source: Royal Statistical Society & International Statistical Institute; analysis compiled by Scott Morris (2022)

RAIN ENHANCEMENT TECHNOLOGIES

Frequently Asked Questions

What is Rain Enhancement Technologies?

Ground-based ionization technology that is proven to increase rainfall by creating negatively charged particles that enhance natural precipitation patterns.

How effective is it?

- **17.6% average rainfall increase** based on rigorous 6-year trials in Oman
- Coverage**: Up to 230,000 acres** per device
- Operational within 2-6 months of ordering and 1 week of installation

What makes it different?

- **No chemicals or aircraft/ground flares required** (unlike cloud seeding)
- **Works in warm weather** (above 32°F) – though snow pilot underway in Utah
- **Fully automated** ground-based operation
- **Solar-powered** with minimal maintenance

What are the requirements?

- **5,800 sq ft of land** with 25+ ft clearances
- **Natural precipitation** patterns to enhance
- Humidity **above 40%** recommended

Who benefits?

Water agencies • Agricultural operations • Energy producers • Real estate developers • Golf courses/Ski Resorts

RAIN ENHANCEMENT TECHNOLOGIES

Frequently Asked Questions

How is it Monitored?

- **10+ snow depth sensors and rain gauges** inside and outside target area
- **Weather stations** - existing local plus additional RET installations
- **Doppler radar** integration for storm tracking
- **Reporting** to NOAA and State Government bodies
- **Third-party reviewed results** shared with target area

Is it Safe?

- **No chemicals or aircraft** - no harmful emissions
- **Negative ion technology** - same as commercial air purifiers
- **No cloud theft** - research-proven, monitored during operation
- **Remote fenced installation** with automatic safety shutdowns

Can it Make Things Worse?

- **Short-term effects only** (hours, not permanent)
- **No operation** within 5 days of forecast severe weather
- **Automatic shutdown & lockout** controls for high wind and adverse conditions
- **Continuous monitoring** of operations. Public feedback welcome.

Questions or concerns?

Contact: operations@rainenhancement.com

RAIN ENHANCEMENT TECHNOLOGIES

Frequently Asked Questions

Can rain be 'stolen'?

- Decades of global research confirm 'cloud theft' is not possible
- Natural clouds release only ~9% of moisture; a **20% enhancement brings this to just ~11%**
- Moisture **continuously replenishes** from oceans and land surfaces in our open atmospheric system
- Enhanced precipitation in one area **does not reduce** availability elsewhere

Why Does 20% More Precipitation Matter?

- **20% increase** across large areas = substantial acre-feet of additional water
- **Rain More Effective Than Irrigation** using less irrigation water for better results
- **Replenishes natural supplies** that require surface water
- **Less Energy** is involved in converting rainwater to drinking (potable) water than any other source

What About Hail?

- **Removing moisture** from clouds as they cool reduces the size of hail stones and can prevent hail
- **Insurers in Canada** fund cloud seeding before predicted hail to reduce severity of hailstorms

Questions or concerns?

Contact: operations@rainenhancement.com

RAIN ENHANCEMENT TECHNOLOGIES

Benefits That Set Us Apart

Why WETA is the most effective solution to water scarcity

Proven Technology & Results

- Documented efficacy: 6-year field trials with 17.64% precipitation enhancement
- Climate adaptable: Effective year-round across diverse precipitation types and conditions
- Complementary solution: Enhances existing water management strategies
- Year-round value through fire risk mitigation and shoulder season precipitation to optimize snowpack formation

Superior Economics

- Rapid ROI: as little as <6-month payback period with very low operating costs
- Long-term durability: 15-year operational lifespan with minimal maintenance
- Energy efficient: Solar-powered operation with low power consumption
- No ongoing capex: Capital can be allocated efficiently to other needs

Rapid Deployment & Flexibility

- Quick implementation: Install in days, operational within hours
- Precise control: On/off capability within hours for targeted enhancement
- Location flexibility: Off-grid capable for remote area deployment
- Geographic adaptability: Effective across diverse regions and conditions

Partner with us to deploy WETA in your region

Email: info@rainenhancemen.com|www.rainenhancement.com

RAIN ENHANCEMENT TECHNOLOGIES

Questions?

Thank you for your time

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NASDAQ: RAIN