

OWRD Water Resource Commission Meeting February 18th, 2021



Item E

2020 SW Region Hemp Audit Findings

Scott Prose – Assistant Watermaster, WRD

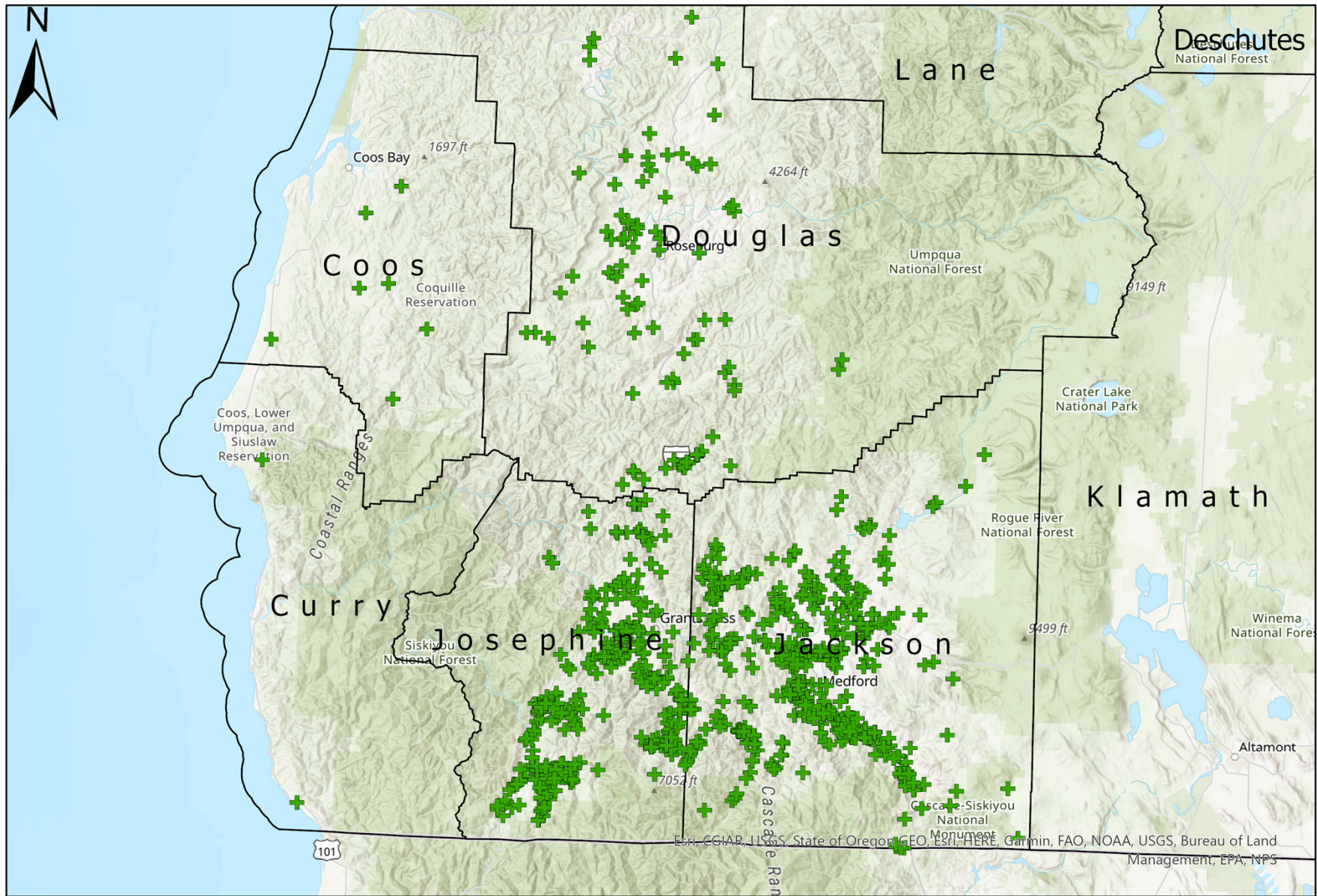
Jake Johnstone – Southwest Region Manager, WRD

Audit Defined

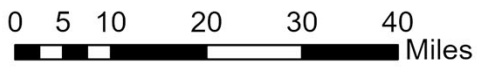
- Site Investigations
- Education
- Outreach
- Proactive
- Compliance & Enforcement
- Collaborative Effort



Registered Hemp locations in Southwest Oregon



+ 978 Hemp Sites
 County Boundary



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Slide 3

JW2

Replace map slides w/ maps w/ County borders

JOHNSTONE Jake D * WRD, 1/19/2021



Site Visit Selection

With available registered* hemp grower data we:

**ODA Registered sites as of 9/11/2020*

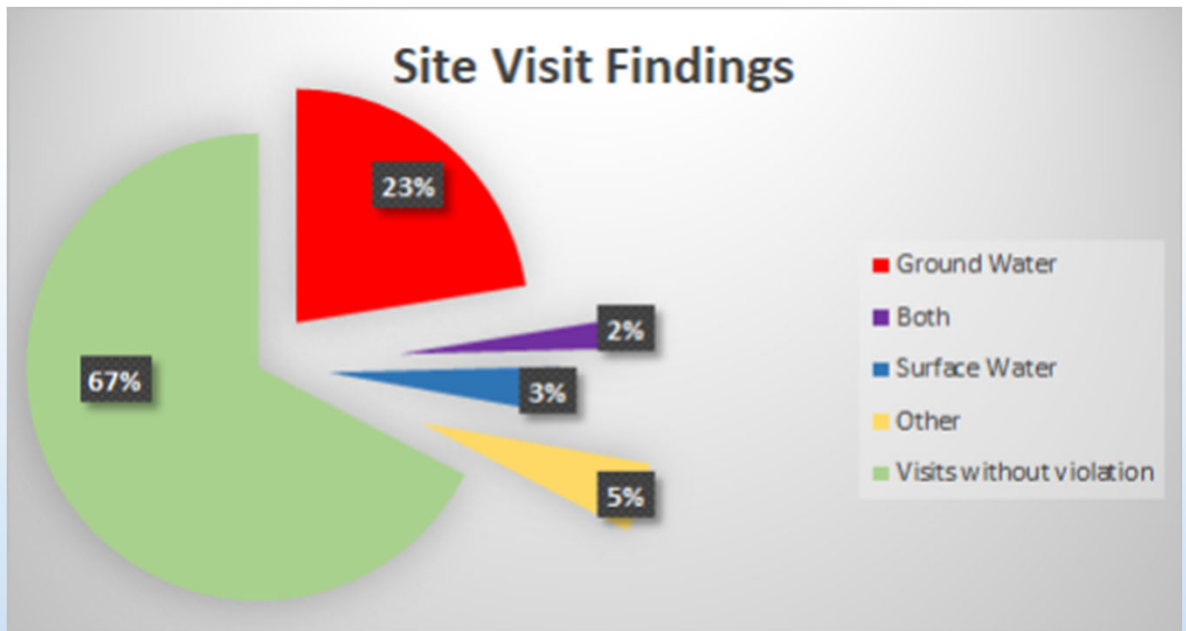
1. Identify greenhouses
2. Identify irrigation district sites
3. Address complaints
 - Registered or Unregistered
4. Ancillary Sites
5. Areas of heavy regulation/complaints
6. Compliance checks

Region Findings

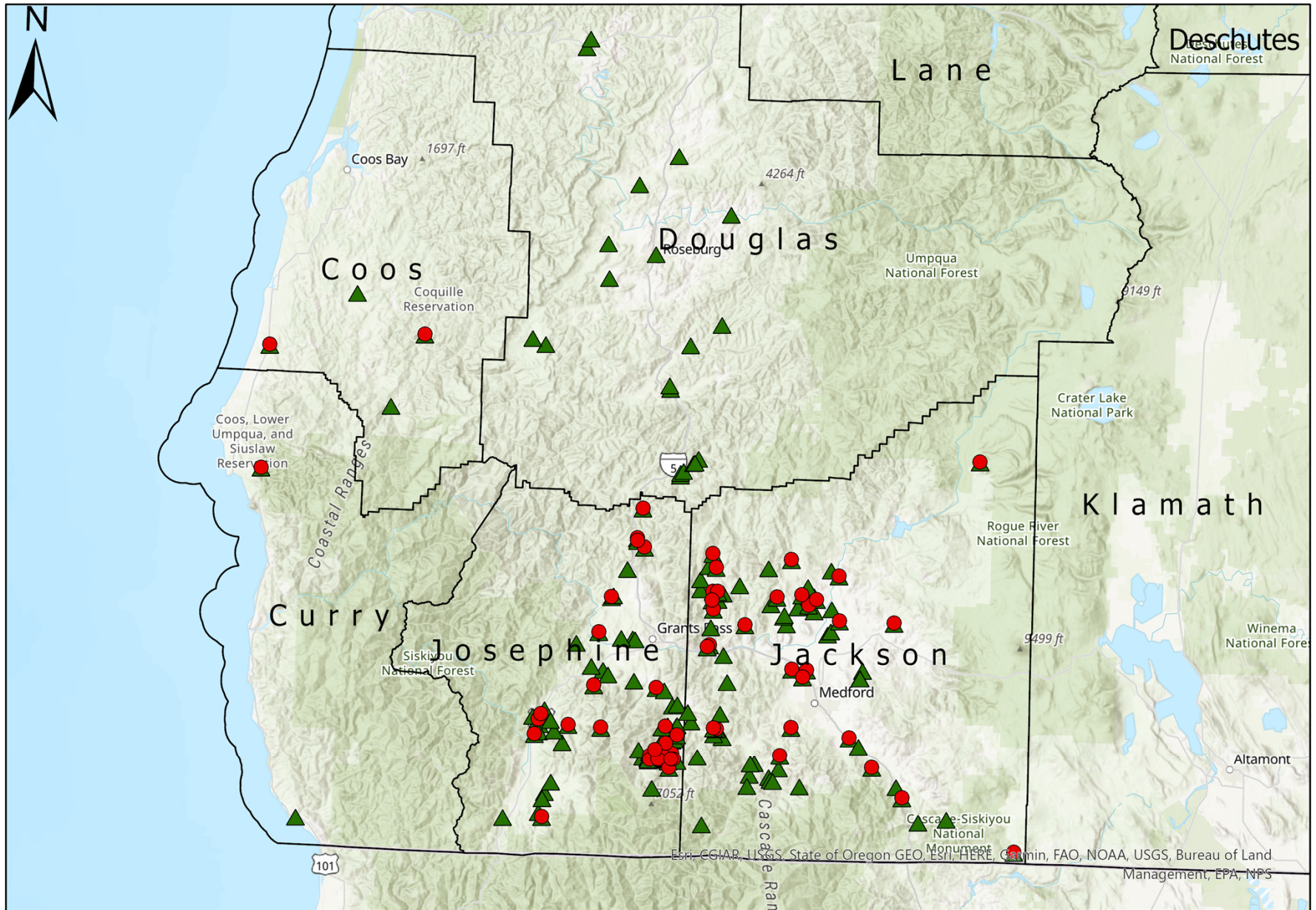
*Data is from HGS registrations as of 9/11/2020 and OWRD input up to 10/31/2020

- The SW region had **978** Hemp Grower Registrations (HGS) **50%** of state total
- We visited **187** registration sites which was **19.1%** of the SW total

- On site visits, **32.6%** or **61** of registrants were found to have violations.
- Of those with violations **46** were using a well without a water right to do so



Inspections and Violations of Hemp Sites



● 61 Violations*

▲ 187 Site Visits

□ County Boundary

0 5 10 20 30 40 Miles

*Of the 61 violations, 42 were ground water, 6 were surface water, 4 had both, and 9 other violations

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Findings cont.

- **34.4%** of violations (11.2% of total) lead to enforcement action
- **42.25%** of visited sites claimed water truck deliveries as primary water source
- Approximately **75%** of researched sites had valid water rights
- Of the **187** site visits, **27** had water rights and a violation

Findings cont.

- Of the **425** registered sites that had a WR research done, **320** had water rights of record
- Of the **187** site visits. **20** of those were initiated from a complaint
- Removing complaint sites from the audit totals drops the violation rate from **34.4%** to **28.6%**



Rogue Basin County Data

	Jackson	Josephine
Total ODA Registered Sites	530	358
Site Investigations	73	87
Percent of Sites with Investigations	14%	24%
Registered Sites With Violations	30	28
Water Right Researches Done	268	128
Claimed To Truck Water	33	41



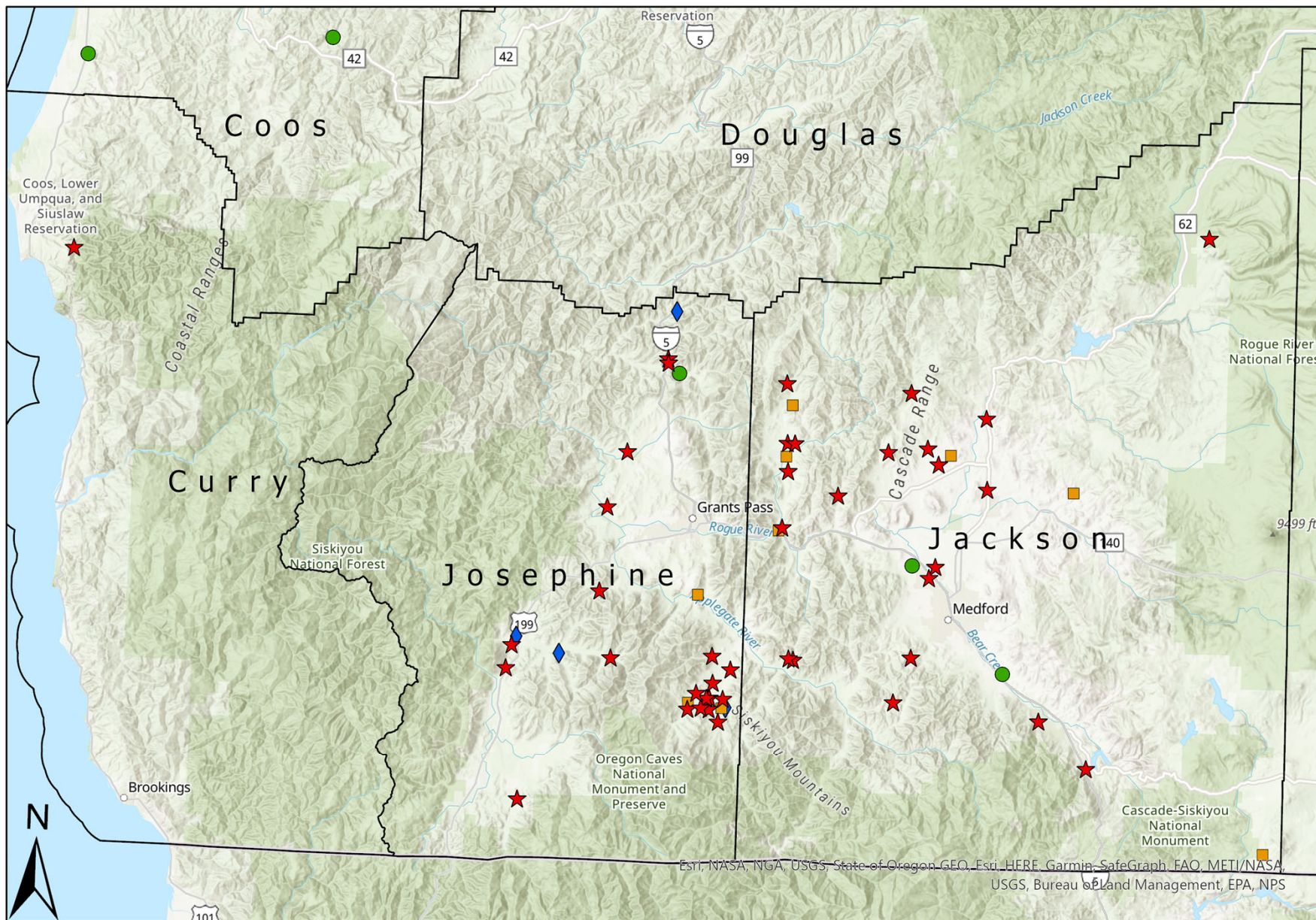
2021-2022 Season

- Improve data QC
- Improve field data collection
- Address responsible party contact concerns
- Work to connect Watermasters with helpful data
- Support other Regions/Districts
- Continue to collaborate with ODA field inspectors

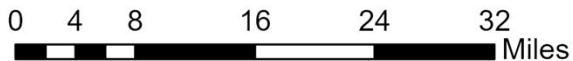
Questions & Discussion

-Additional Maps After this slide-

Southwest Hemp Violations



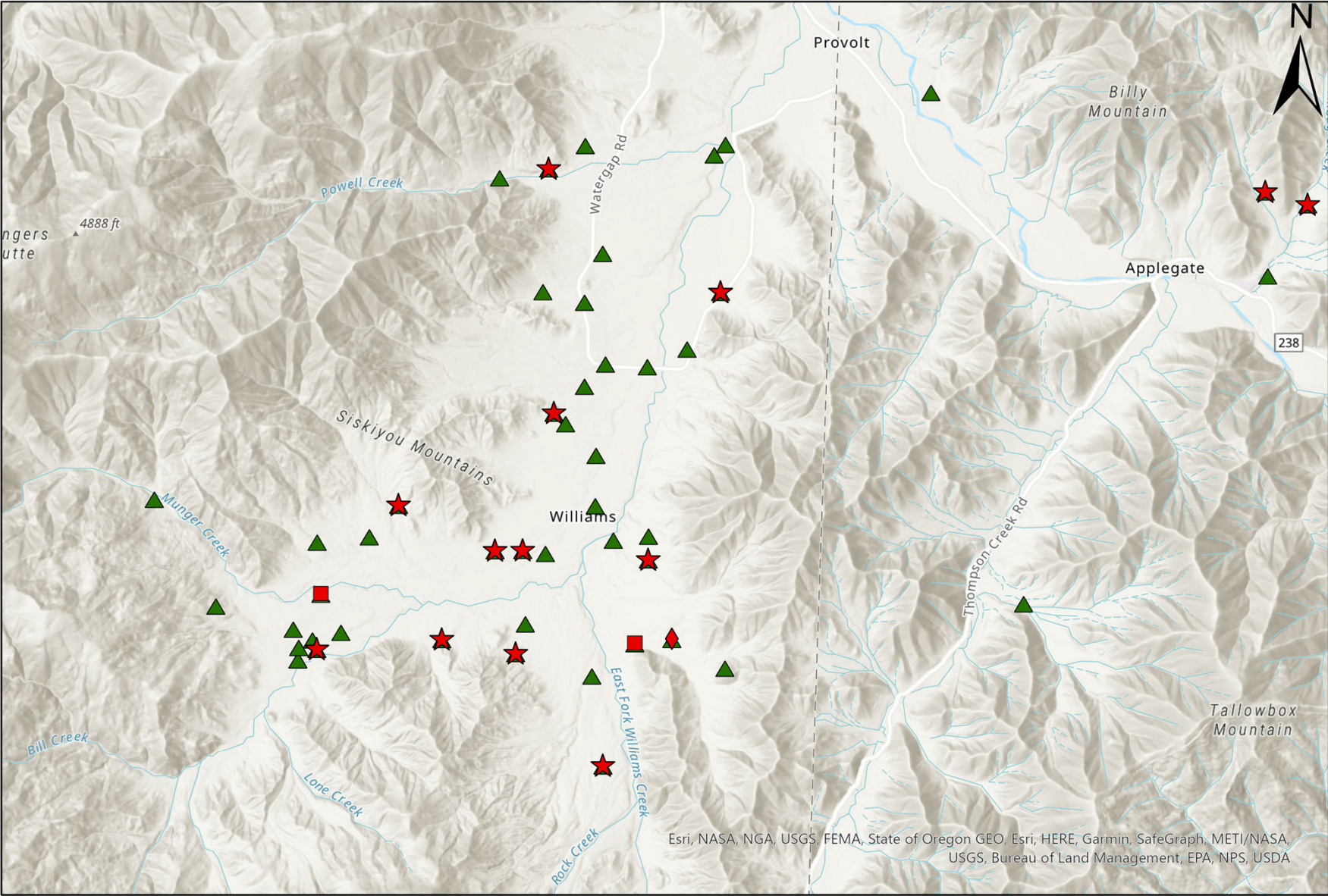
- ★ GW Violation
- SW Violations
- ◆ Both Violations
- County Boundary



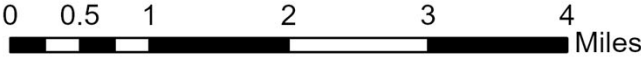
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Williams Site Visits and Violations



- ★ GW Violation
- SW Violations
- Other Violations
- ◆ Both Violations
- ▲ Site Visits

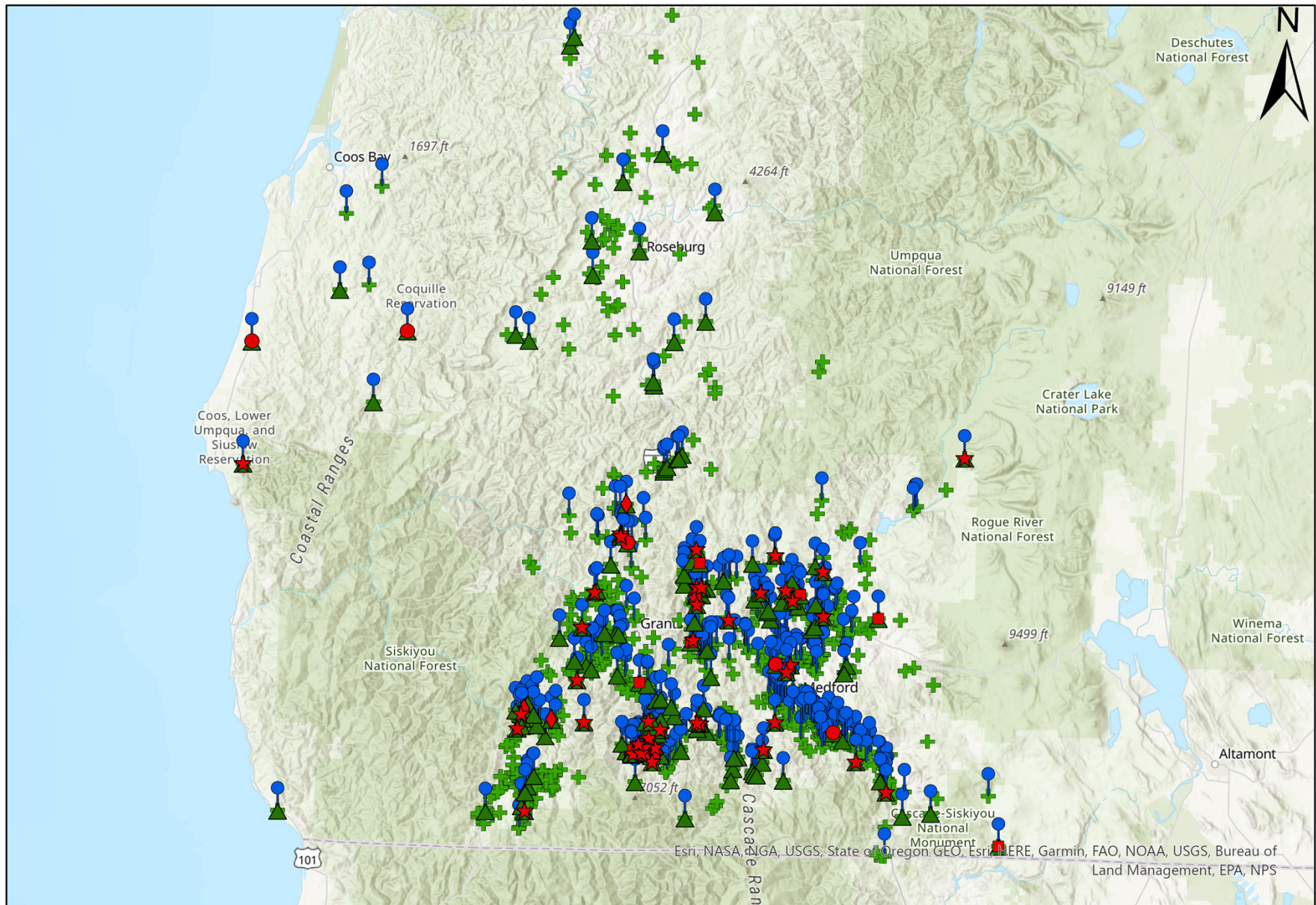


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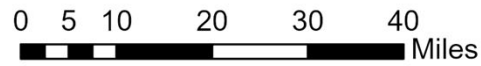


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Southwest Hemp Activity Overview



- ★ GW Violation
- SW Violations
- Other Violations
- ◆ Both Violations
- ▲ Site Visits
- WR Research
- ✚ All Hemp Sites

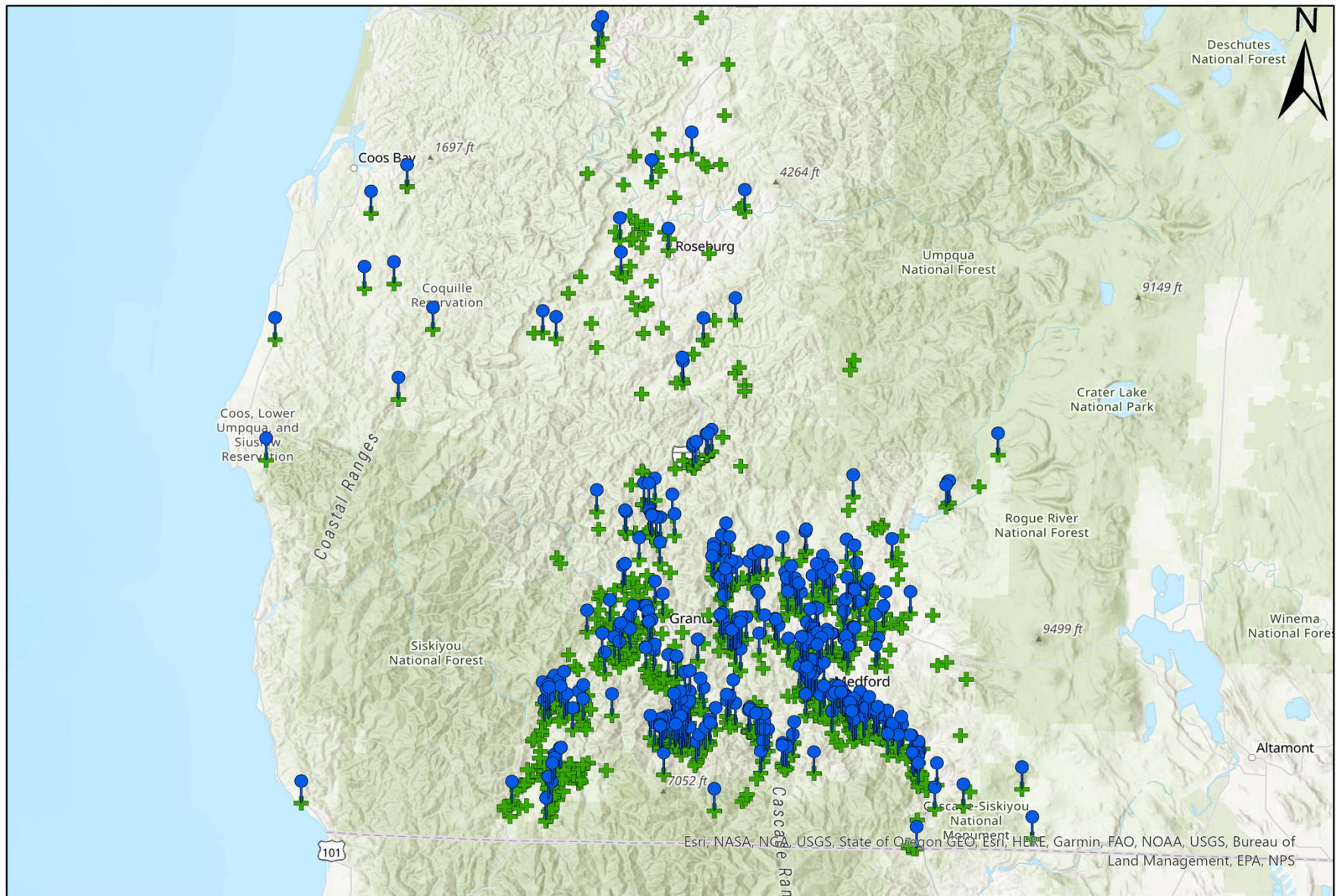


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Water Rights Researched on Registrations



 WR Research

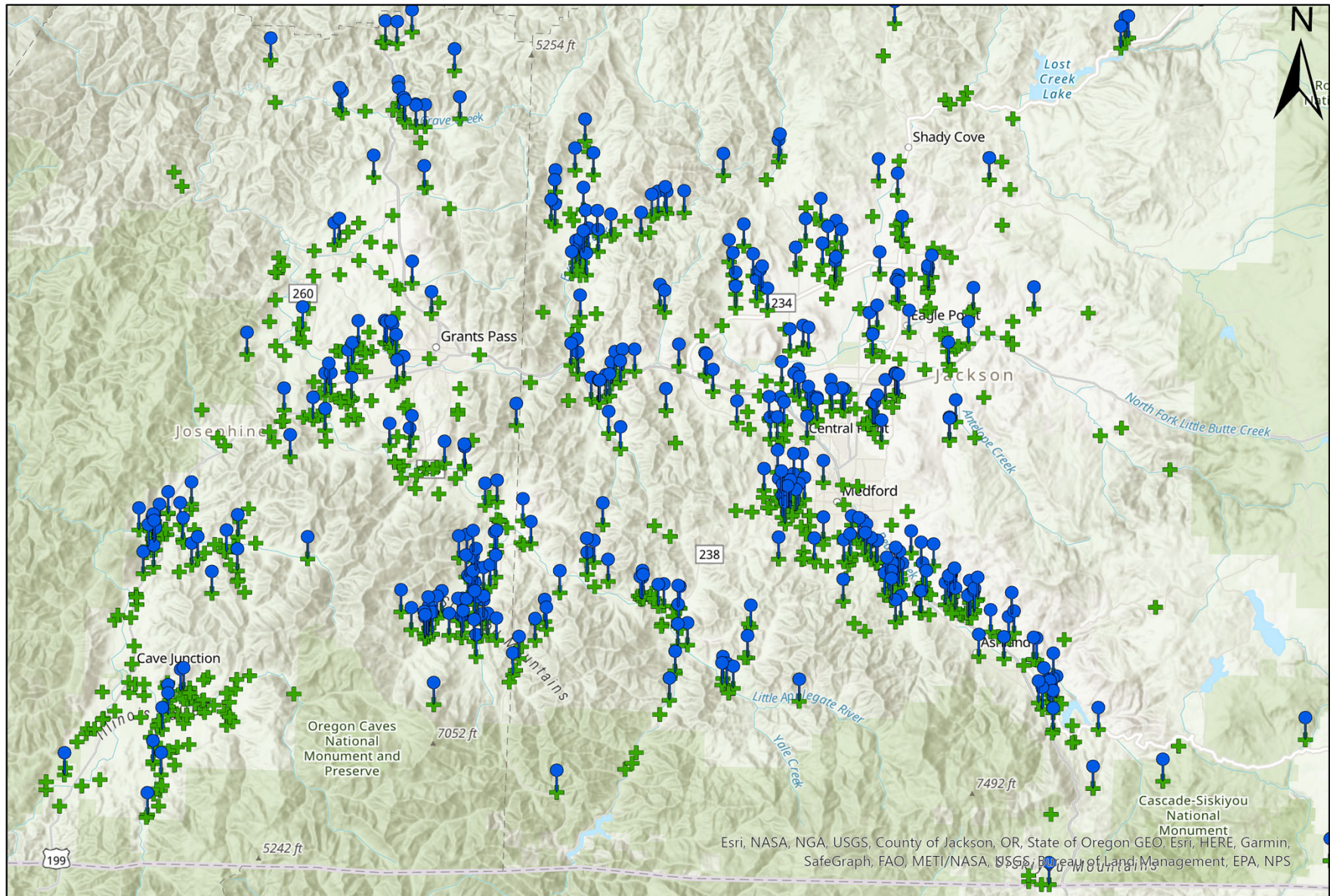
 All Hemp Sites

0 5 10 20 30 40 Miles

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Water Rights Researched on Registrations



 WR Research  All Hemp Sites

0 2 4 8 12 16 Miles

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