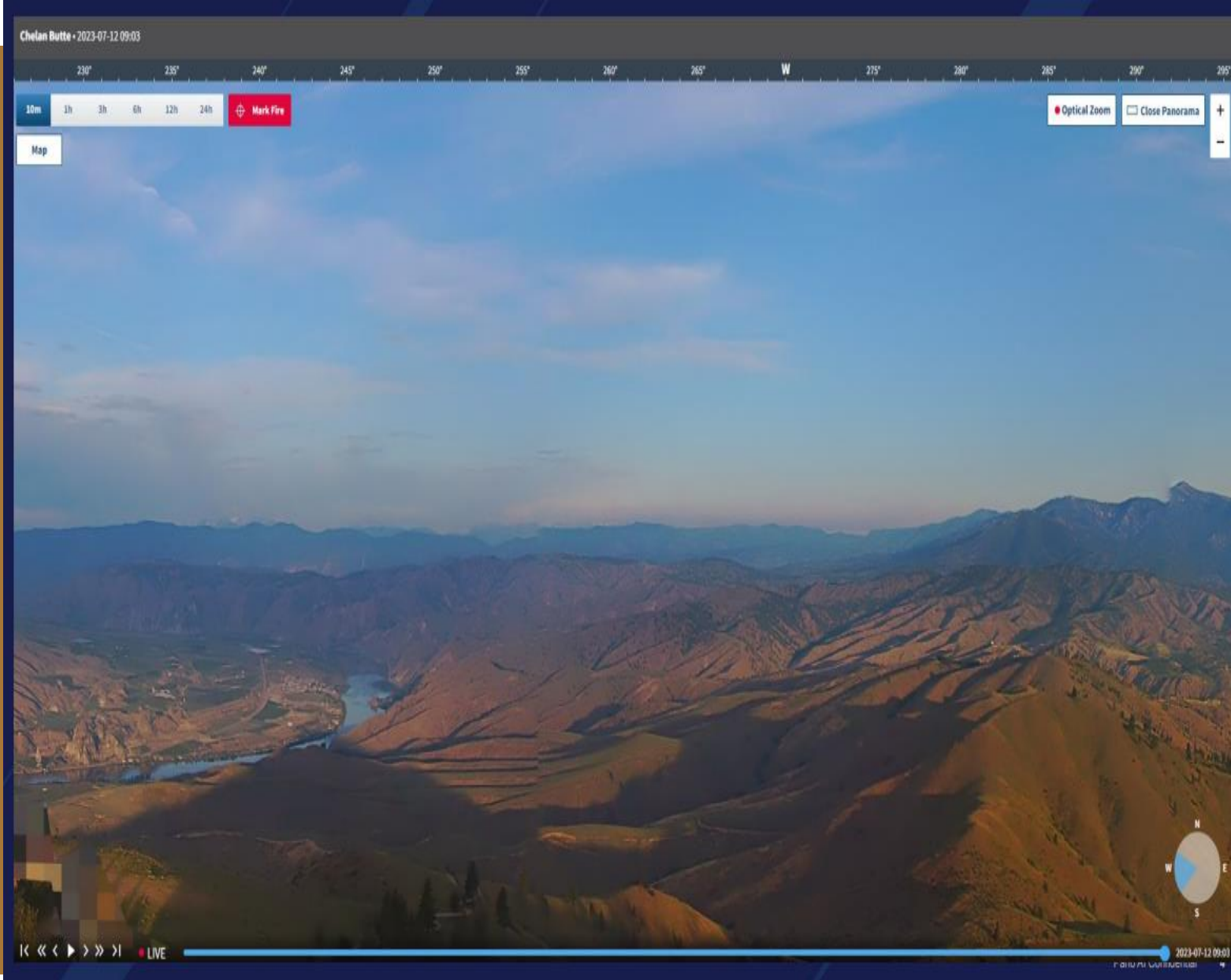


2024 Detection Camera Final Project Update WFAC Meeting April 18, 2024

*Angie Lane, ADM Plans and Information
Wildland Fire Management Division*



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES

Oregon [Road] mop up

dnr.wa.gov

PROJECT MILESTONES

May and June 2023

- Establish timeline for project and set project team schedule
- Develop work flow and alerting requirements
- Install 5 sites

July and August 2023

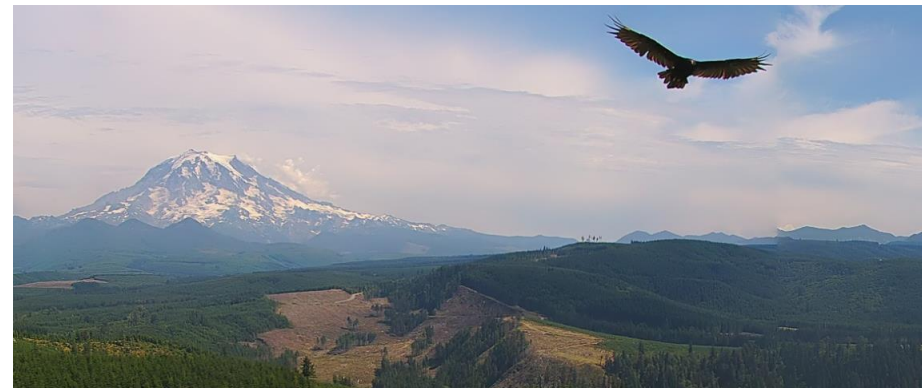
- Continue project team meetings
- Test and improve installed sites
- Install an additional 5 sites
- Conduct trainings for users

September and October 2023

- Continue project team meetings
- Test and improve installed sites
- Install an additional 7 sites
- Start building lessons learned for pilot



PROJECT MILESTONES (cont.)



November 2023

- Hold final project team meeting
- Gather case studies from centers
- Complete installation of remaining 4 sites
- Start shut down for season

Winter 23-24

- Sites offline for winter
- Finalize documents for contract
- Begin evaluation for contract amendment

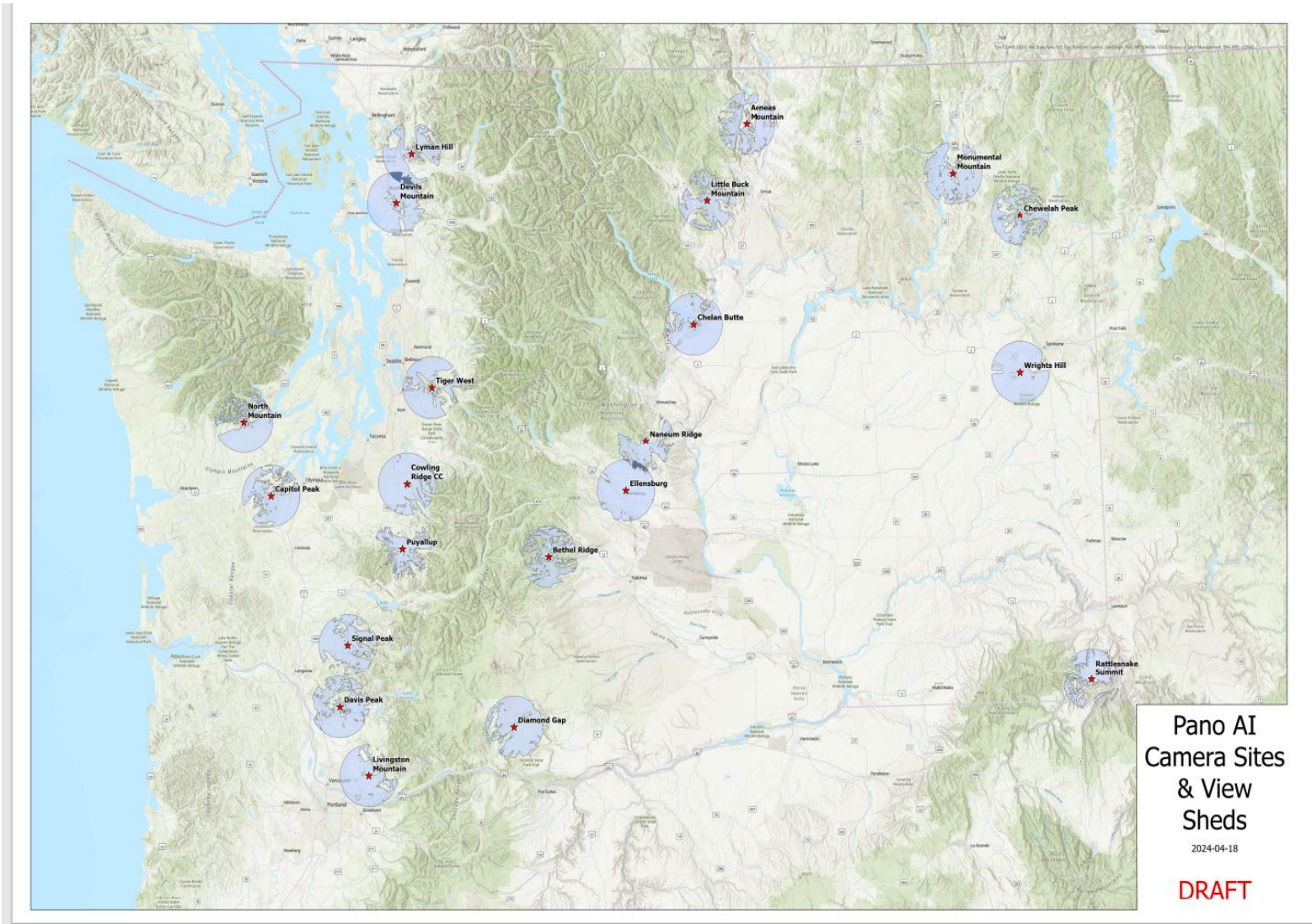
Spring 2024

- New user training schedule established
- Contract extension approved
- Begin bringing sites back online for burning season and ensure operability for fire season
- Establish partnerships with other Pano users
- Develop interoperability methods



2024 MAP OF SITE LOCATIONS

A total of 21 sites for DNR. Additional sites are located where partners have purchased the service: Sun Valley Fire District, Avista (soon), and PSE (some now and more if grant funding is secured)



Case Studies

Jackson Road Fire

Beitey Fire



Left: Early moments of the Big Canyon Fire from the Pano 360 platform

Right: Map showing the incident bearing as detected from the Aeneas Mountain Pano Station in Okanogan County, WA

Big Canyon Fire



Lessons Learned

- No real user experience issues
- Pursue partnerships with other agencies for build out – improves triangulation
- Continue to improve false positives from industrial smoke
- Build viewing usership
- Improve low-value alerting in shoulder seasons



2024 Next Steps

- Continue Pano DNR bi-annual team meetings
- Refine the Dispatch SOP
- Continual improvements to the Pano 360 platform
- Continual improvements on detection speed and accuracy
- Phase two rollout of Pano Alerts to the broader DNR fire group
- Power user and optical zoom controller trainings
- Spring dispatcher training workshop
- Pano 360 integration with Interra (DNR COP Platform)



Comments?

