

Imagery Update

Oregon Statewide Imagery Program (OSIP)

Brady Callahan, Imagery FIT Lead

Oregon Parks and Recreation Department

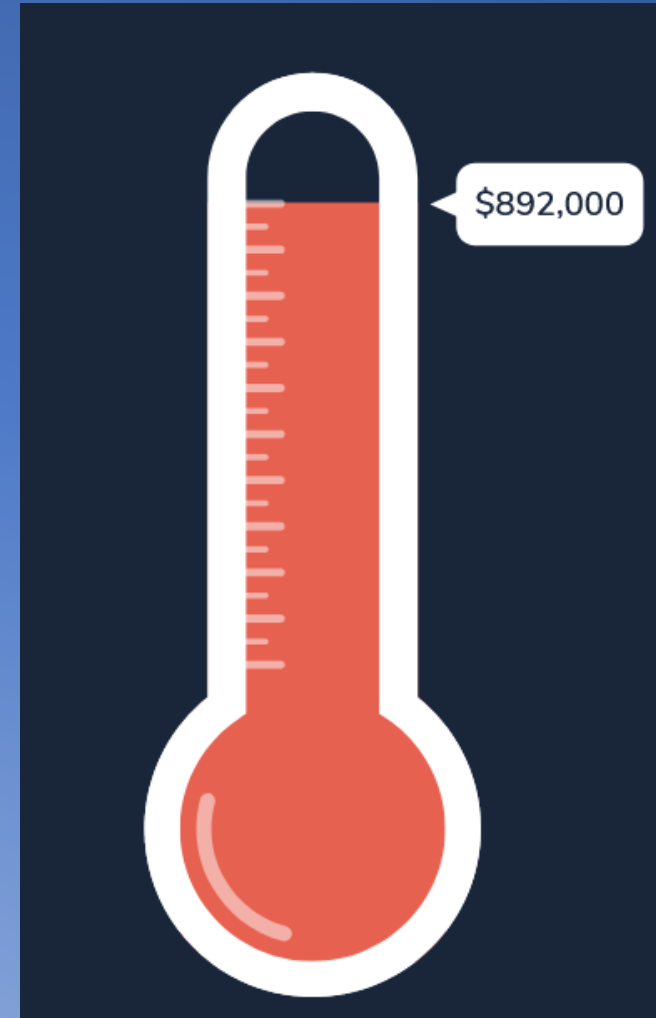
brady.callahan@opr.d.oregon.gov

2022 OSIP/NAIP Partnership

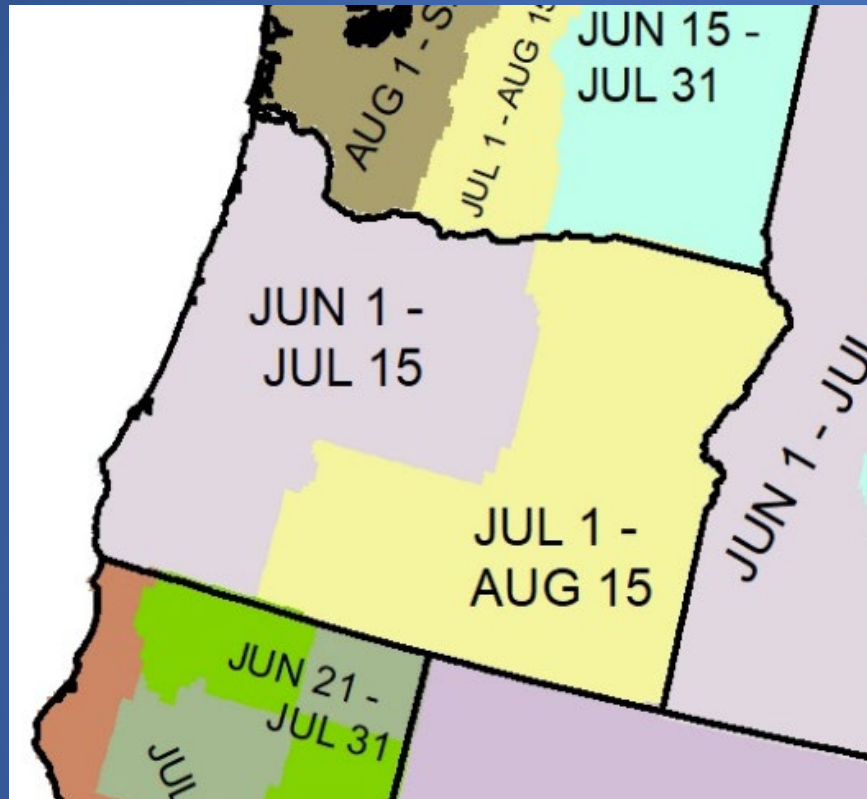
- NAIP planned 60cm acquisition
- OSIP partners funded resolution increase to 1ft (30cm)
 - Imagery to meet Oregon accuracy specifications (4.82ft rural, 2.41ft urban)
 - Deliverables include control, DTM, statewide photogrammetric Digital Surface Model (DSM) (point cloud & rasters)

2022 Oregon Partners

- DAS GEO
- BLM
- Imagery FIT (Framework Funding)
- ODF
- DOR
- DHS
- DEQ
- USFS
- Metro
- DSL
- ODA
- OPRD



2022 Process/Progress



GEO contracts for imagery acquisitions for a selective time period. **The following can effect acquisitions.**

- **Poor weather including clouds and haze.** For example, the weather in the Ohio Valley (KY/WV) has been very bad this year.
- **Snow in higher elevations.** We strive to limit snow in imagery to above the timberline in higher elevations.
- **Smoke from fires.**
- FAA air space issues. FAA can close down airspace for many reasons including high profile events or when VIP's fly (President, VP, Speaker of House etc...)
- Military areas. For example, NAIP 2022 was told we could not fly a specific area during training exercises...
- **Late contract awards due to delayed funding from NAIP partners.** This effected many states in NAIP 2021. There were a few states delayed in NAIP 2022 for the same reason.
- NAIP contractor has issues with aircraft, sensors etc....

2022 Process/Progress

Planned & Collected

- GEO solicits bids from vendors
- GEO awards call order(s)
- Vendor presents collection plan to GEO for approval
- Vendor executes approved collection plan
- Vendor uploads data to EAWS

EAWS

- Vendor has 5-days to upload data to EAWS once collected
- Data in EAWS, at this phase, is considered "Provisional" until quality controlled by vendor; data is available for reference, but caution should be exercised
- Once vendor has ensured that data in EAWS meets contract requirements, data is categorized as "Production" on EAWS
- EAWS shall only be shared with funding partners and USDA.

Received

- Vendor submits pre-production product sample to GEO
- GEO approves production
- Vendor uploads entire imagery product to Media Shuttle
- GEO transfers data from Media to government network
- Vendor submits invoice to GEO

Processed

- JP2 Creation
- Processing Data

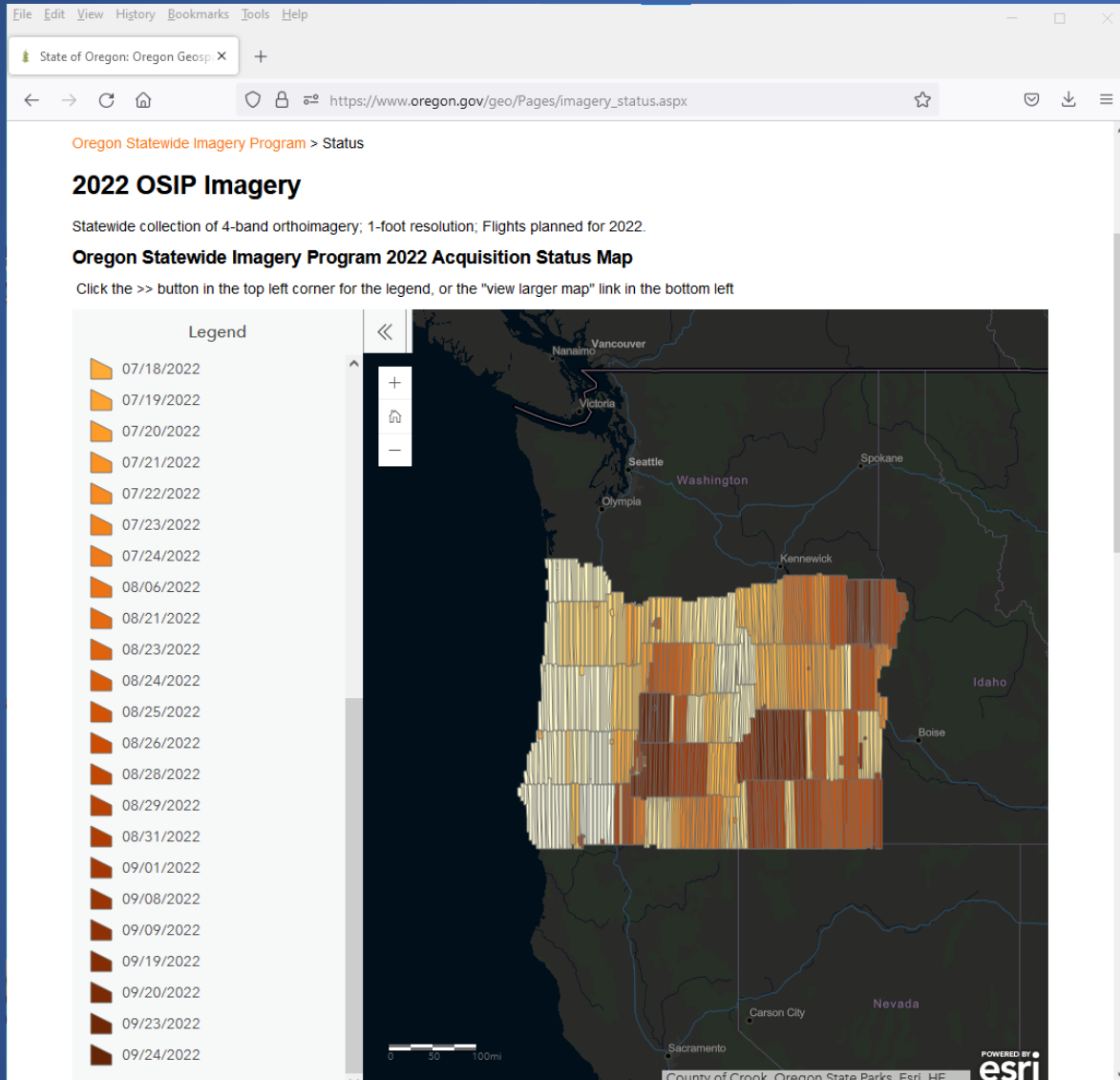
Published

- JP2's received at DISC
- Mosaics are created
- CONUS cache is built
- Historical overviews are built
- Spot checks are completed on the builds
- Updates are migrated to Production

2022 Process/Progress

State	100% Collected	EAWS	Received	Processed	Published
California	Yes	Yes	60%	No	No
Indiana	Yes	Yes	0%	No	No
Kentucky	Yes	Yes	0%	No	No
Michigan	Yes	Yes	0%	No	No
Missouri	Yes	Yes	100%	Yes	Yes
Nebraska	Yes	Yes	60%	No	No
Nevada	Yes	Yes	0%	No	No
New York	No	No	0%	No	No
New Jersey	Yes	Yes	0%	No	No
New Mexico	Yes	Yes	64%	No	No
North Carolina	No	No	0%	No	No
North Dakota	Yes	Yes	0%	No	No
Oregon	Yes	Yes	0%	No	No
Pennsylvania	Yes	Yes	0%	No	No
South Dakota	Yes	Yes	100%	100%	No
Texas	Yes	Yes	23%	17%	No
West Virginia	No	No	0%	No	No
Wisconsin	Yes	Yes	73%	No	No
Wyoming	Yes	Yes	100%	100%	No

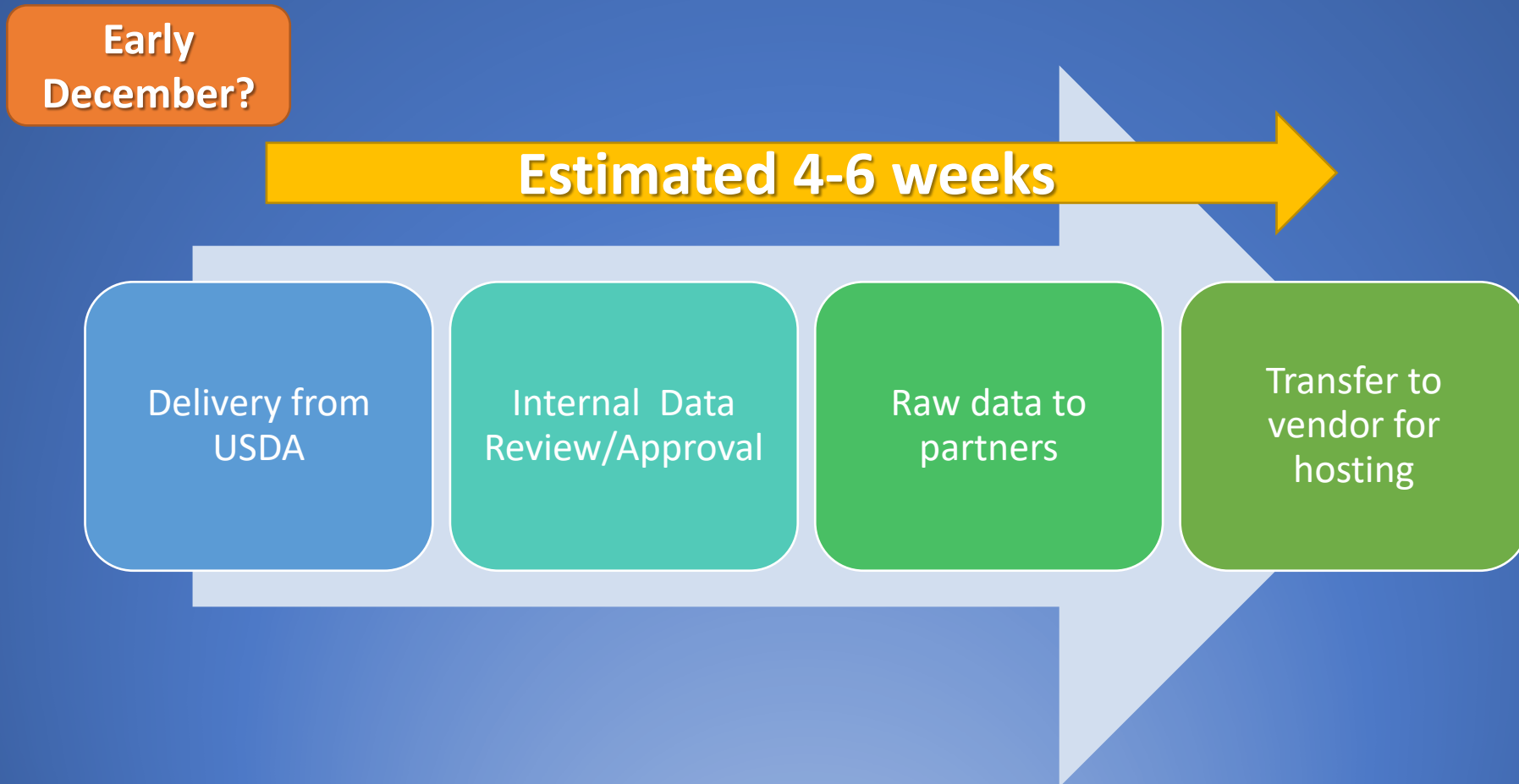
2022 Process/Progress



Oregon Statewide Imagery Program

<https://www.oregon.gov/geo/Pages/imagery.aspx>

Oregon 2022 Process/Progress



Contact

Oregon Statewide Imagery Program

<https://www.oregon.gov/geo/Pages/imagery.aspx>

Brady Callahan, Imagery FIT Lead
Oregon Parks and Recreation Department
brady.callahan@opr.d.oregon.gov