

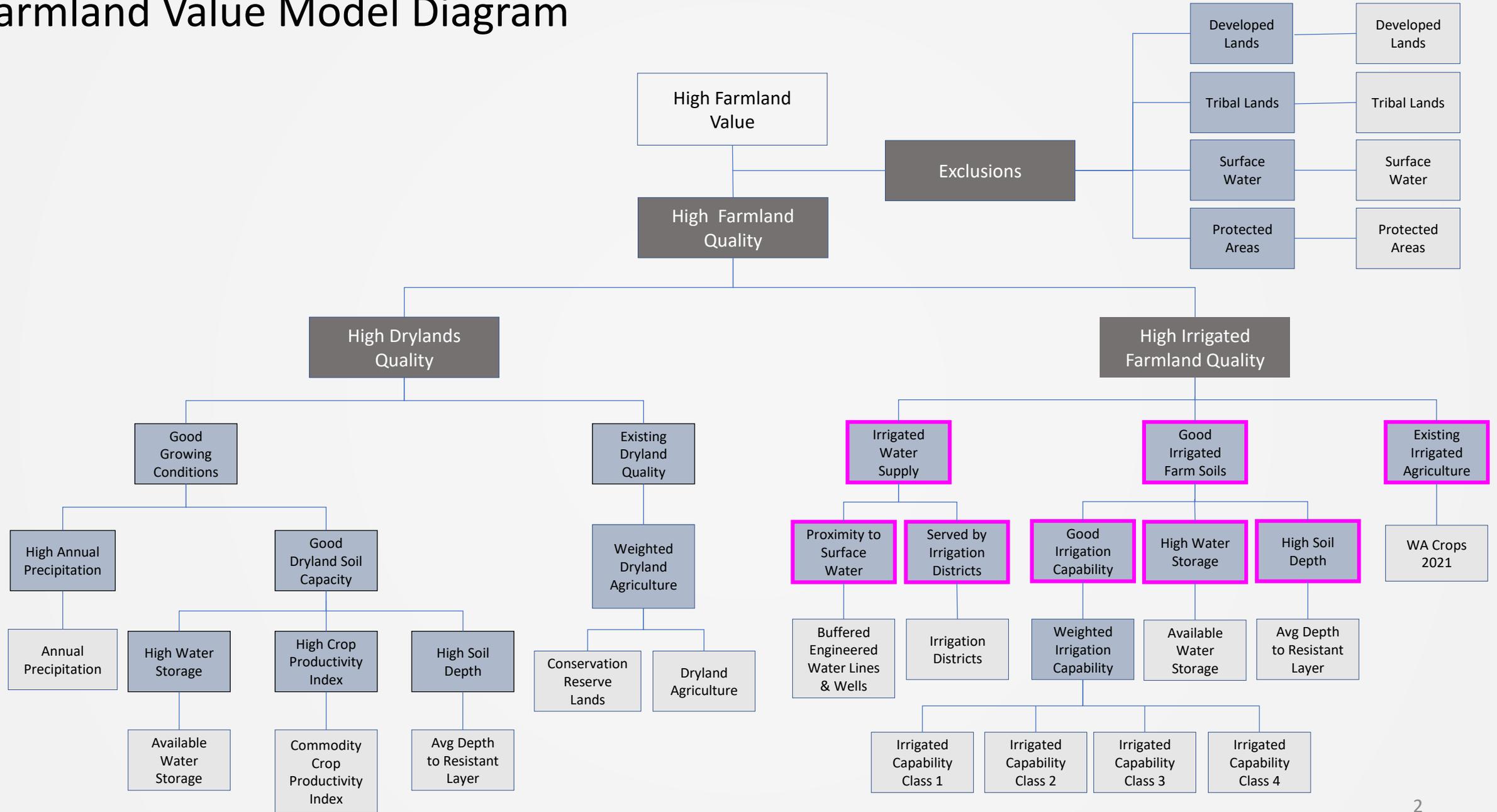
Farming Mapping Group Update

Presented by Jay Kehne, Sagelands Heritage Program Lead, Conservation Northwest

Goal: Produce a map that illustrates the relative value of irrigated and dryland farming lands based on available spatial data.



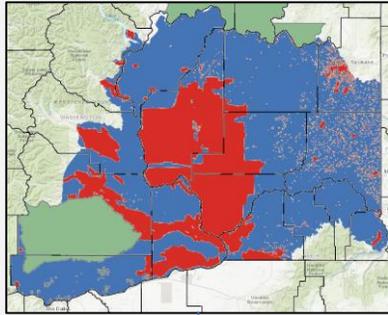
Farmland Value Model Diagram



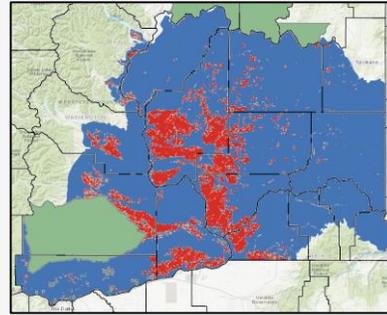
High Irrigated Farmland Quality



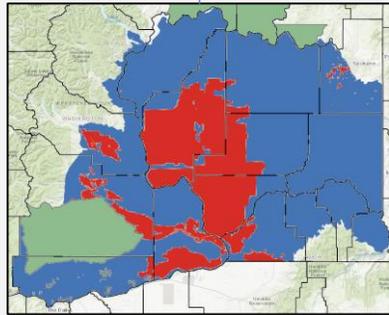
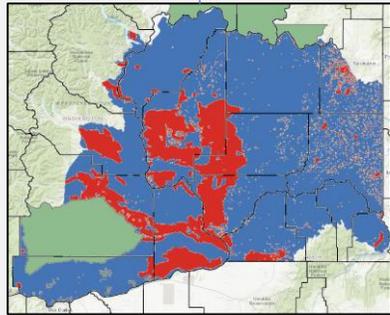
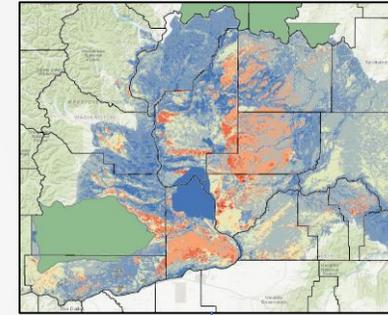
Irrigated Water Supply



Existing Irrigated Farmland

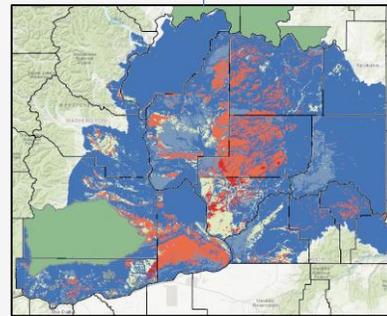


Good Irrigated Farm Soils

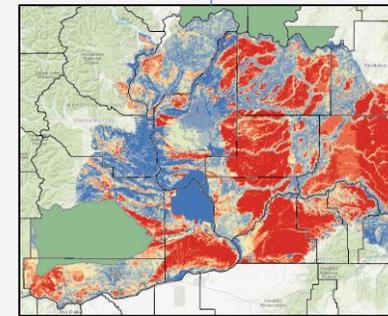


Engineered Water Access

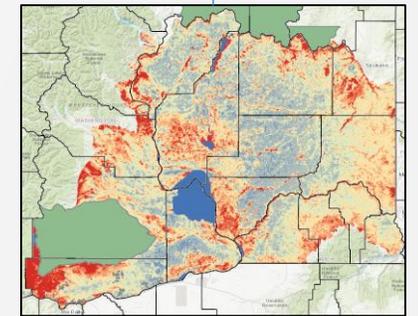
Irrigation Districts



Good Capacity

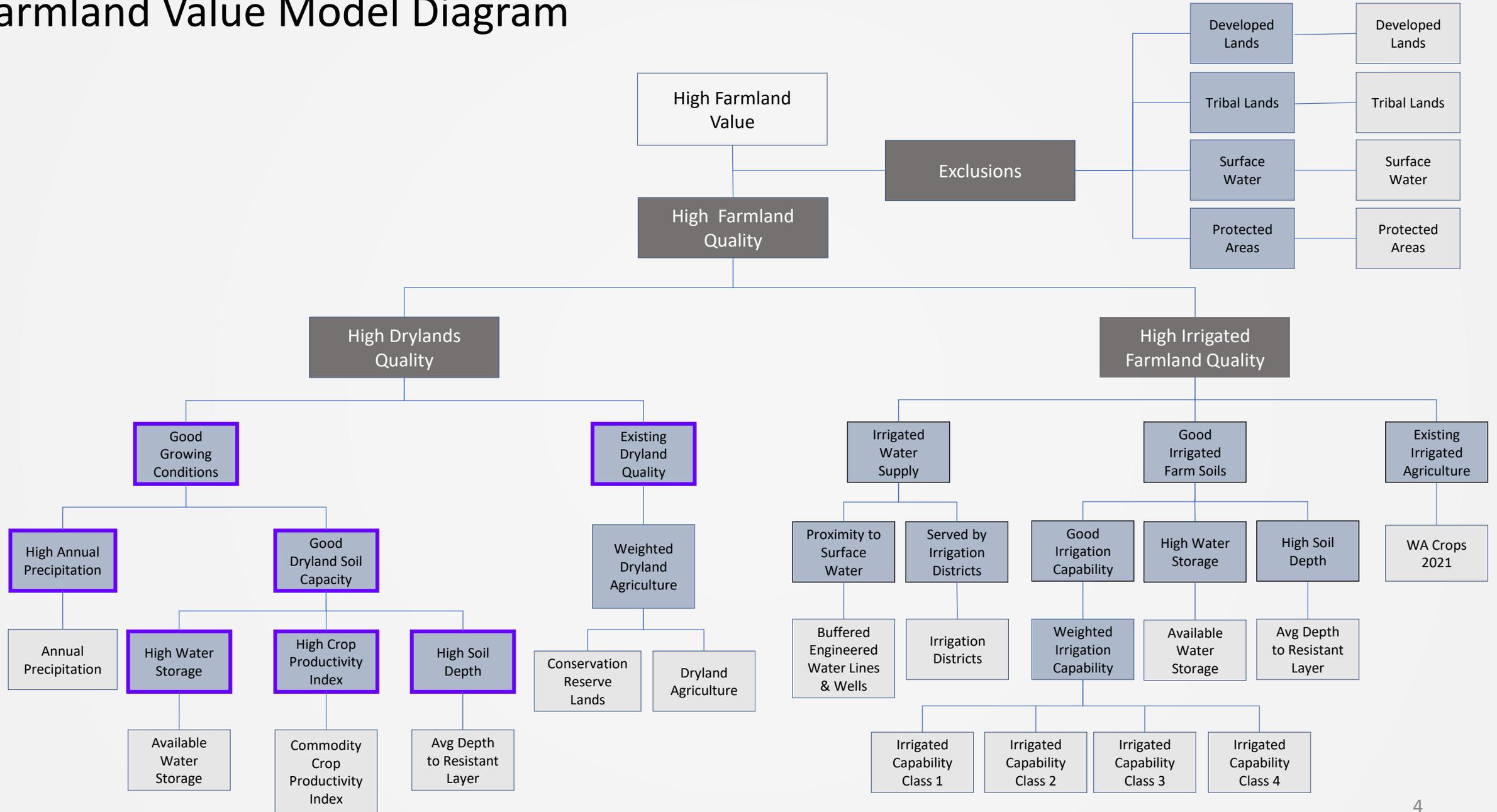


High Water Storage



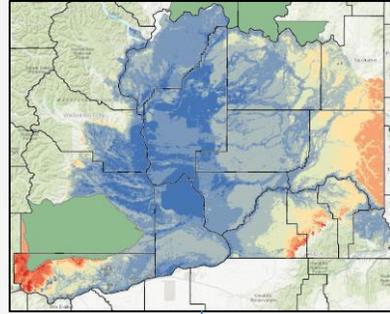
High Soil Organic Matter

Farmland Value Model Diagram

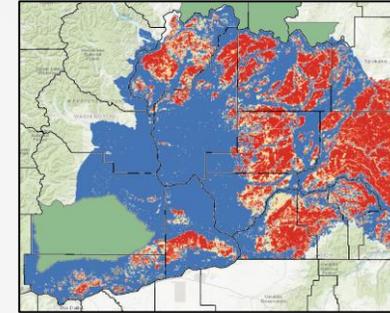


High Drylands Quality

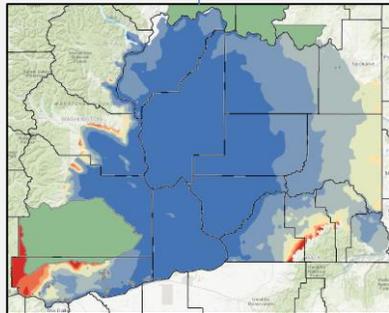
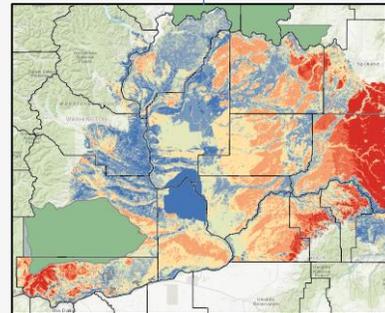
Good Growing Conditions



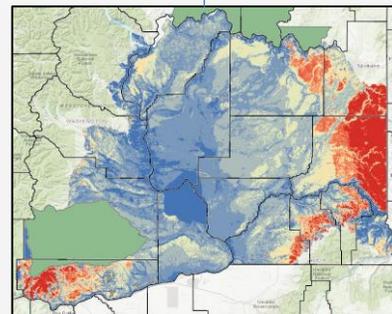
Existing Drylands



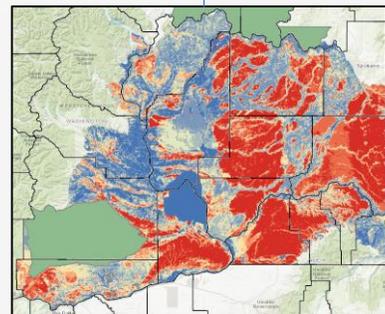
Good Dryland Soils



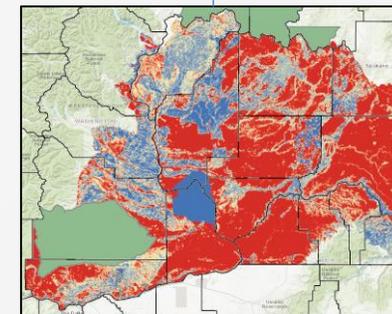
Annual Precipitation



High Crop Productivity



High Water Storage

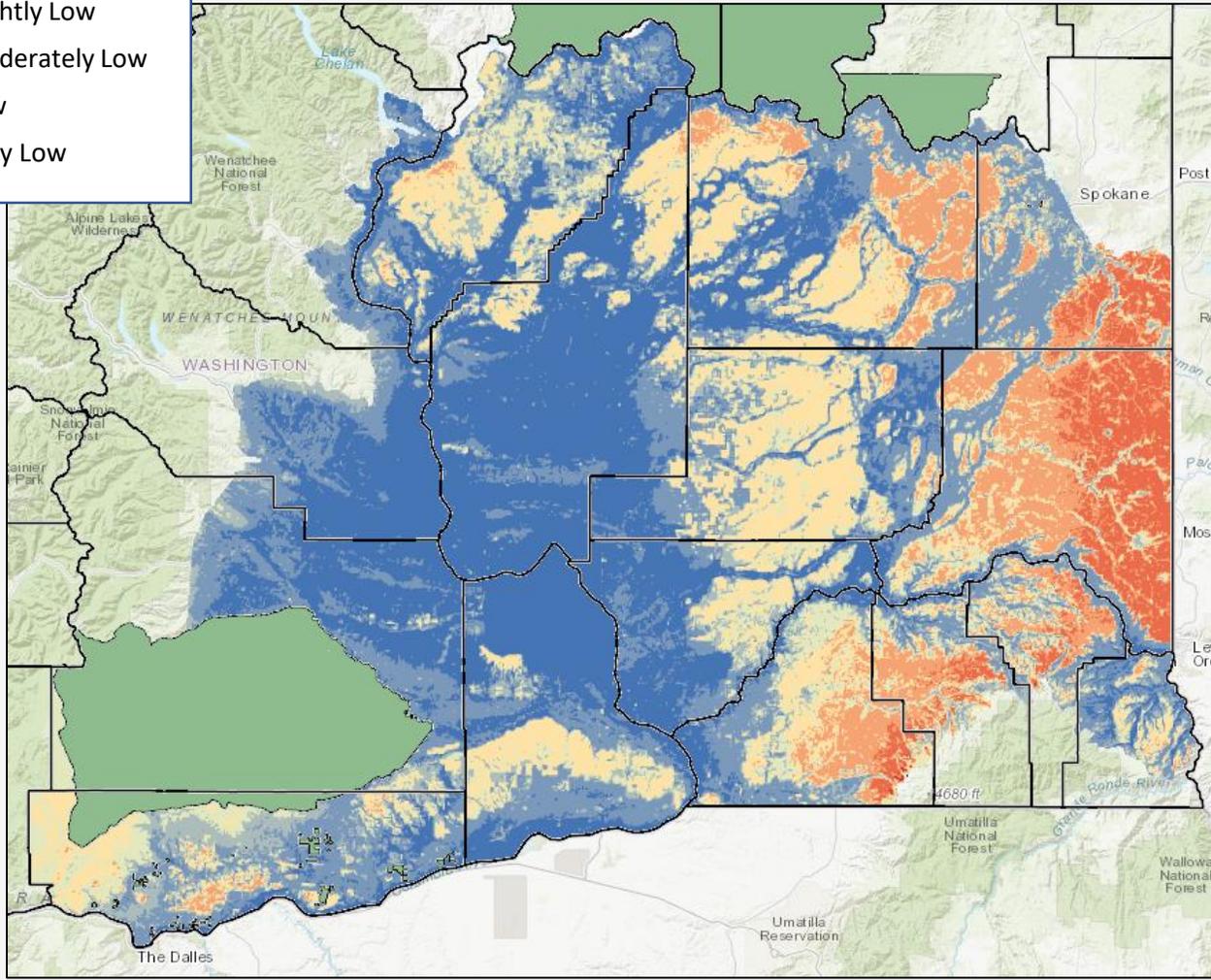
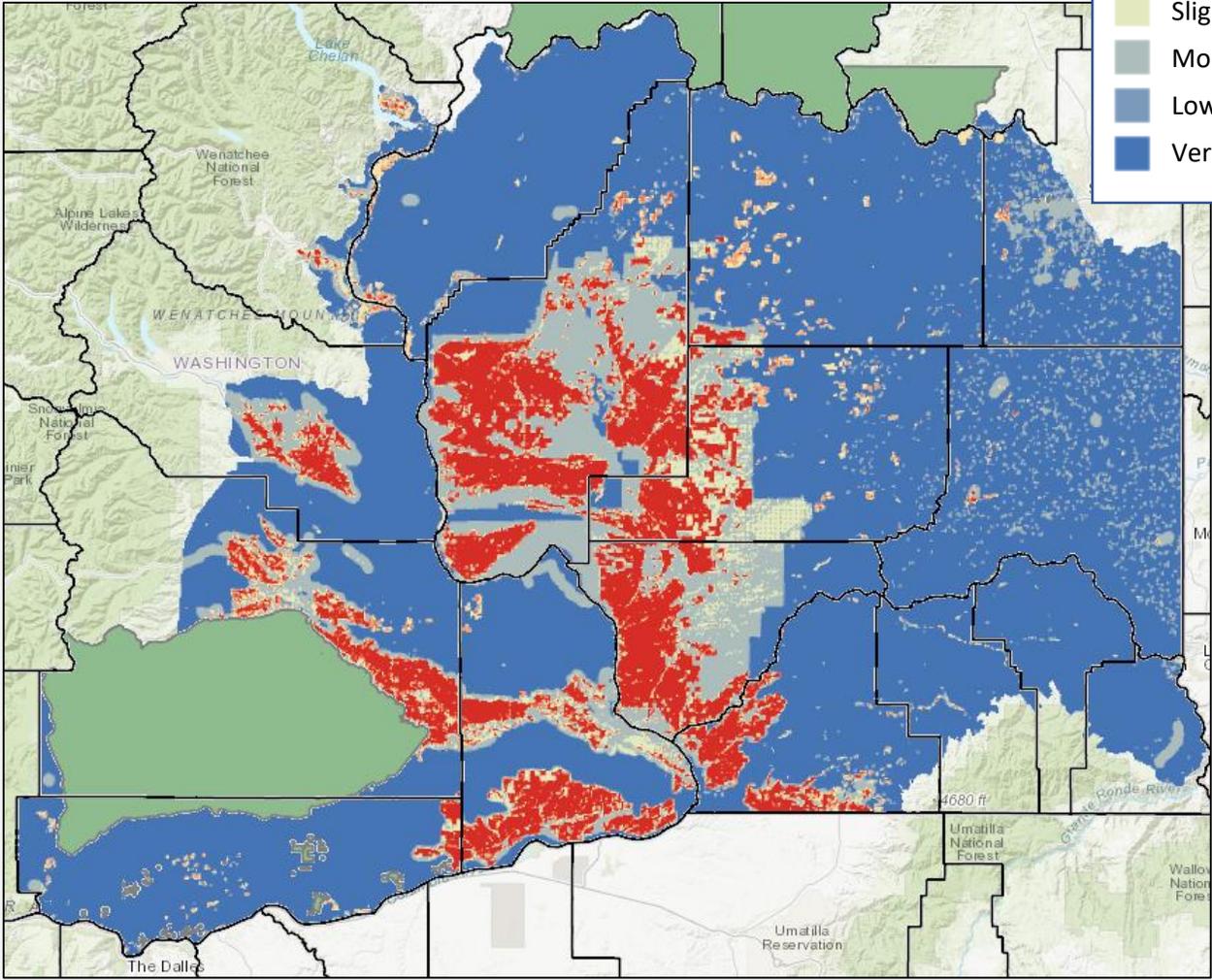
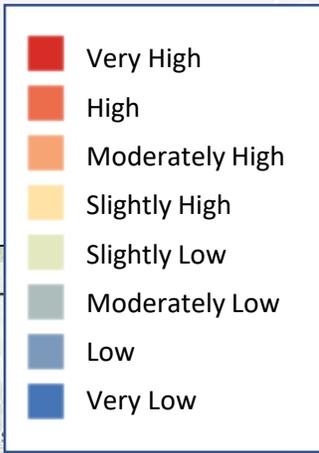


High Soil Depth

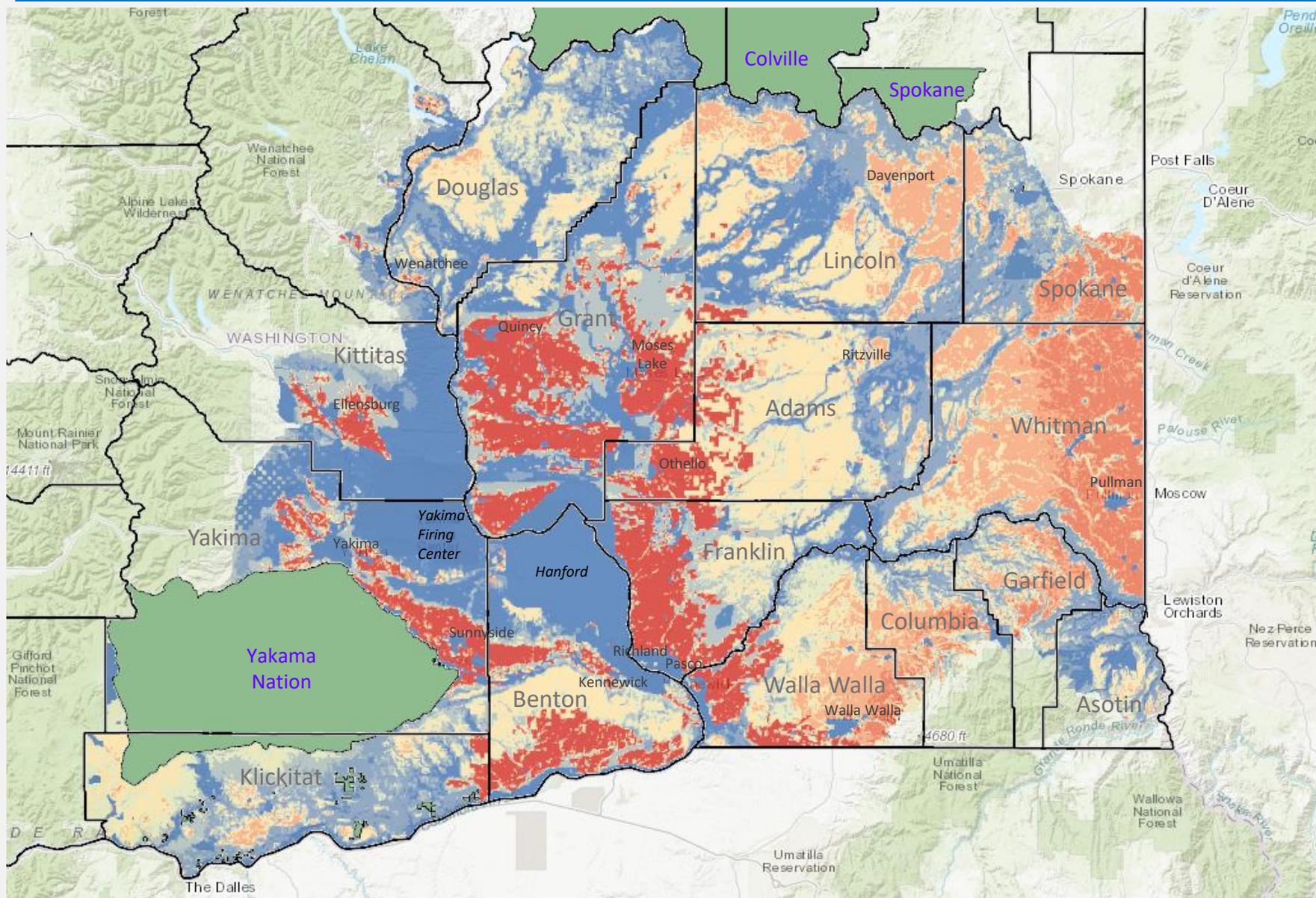


Irrigated Agriculture

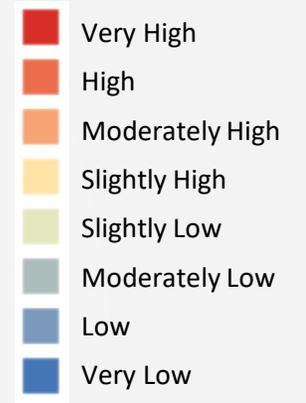
Dryland Agriculture



Farmland Value Review Draft

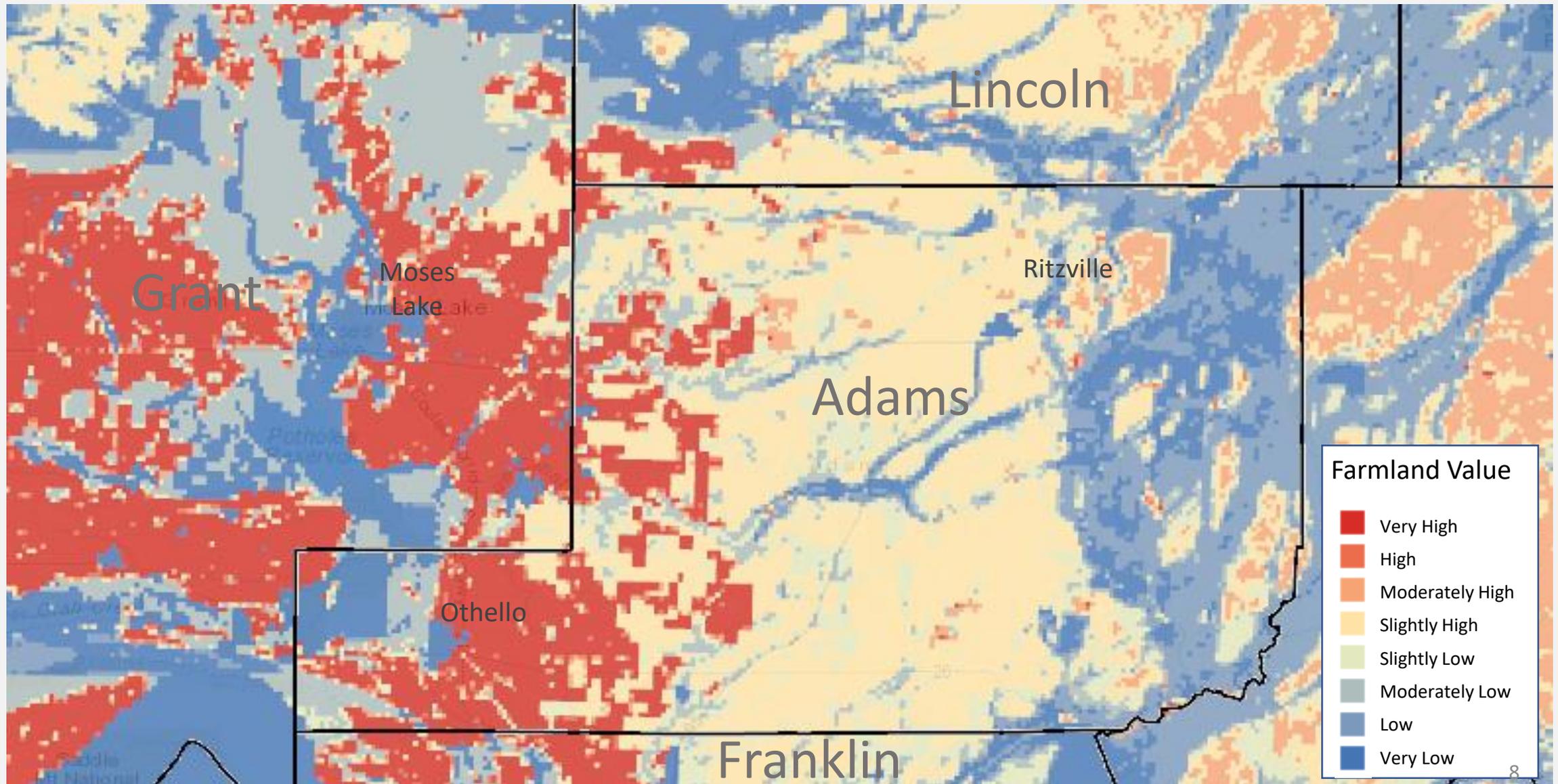


Farmland Value



Farmland Value	Acres	Percent
Very High	1,520,252	10.67%
High	796,358	5.59%
Moderately High	1,405,842	9.87%
Slightly High	2,157,721	15.15%
Slightly Low	1,409,487	9.90%
Moderately Low	1,838,894	12.91%
Low	1,851,187	13.00%
Very Low	3,262,280	22.91%

Farmland Value Review Draft



Next Steps

- Share with colleagues and others for review and comment
- Update Washington Department of Agriculture CROP dataset
- Make final model refinements

