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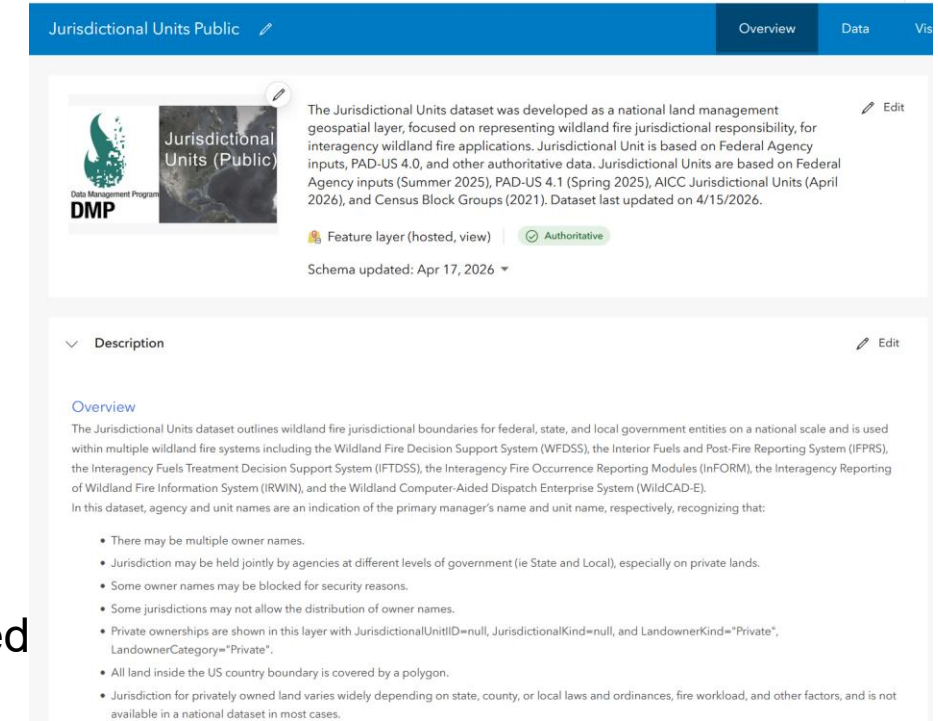
Jurisdictional Units: Data Source Discussion

What is the Jurisdictional Units Dataset?

Wildland fire Jurisdictional Units dataset was developed as a national land management geospatial layer, focused on representing wildland fire jurisdictional responsibility, for interagency wildland fire applications.

- Source Systems: ~100
- Federal agencies provide the best authoritative data
- Follows NWCG Standards – JU & Organizational Kind/Cat
- Large dataset ~1.5m polygons
- PAD-US provides JU with over 85 source systems. Some outdated



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USGS PAD-US

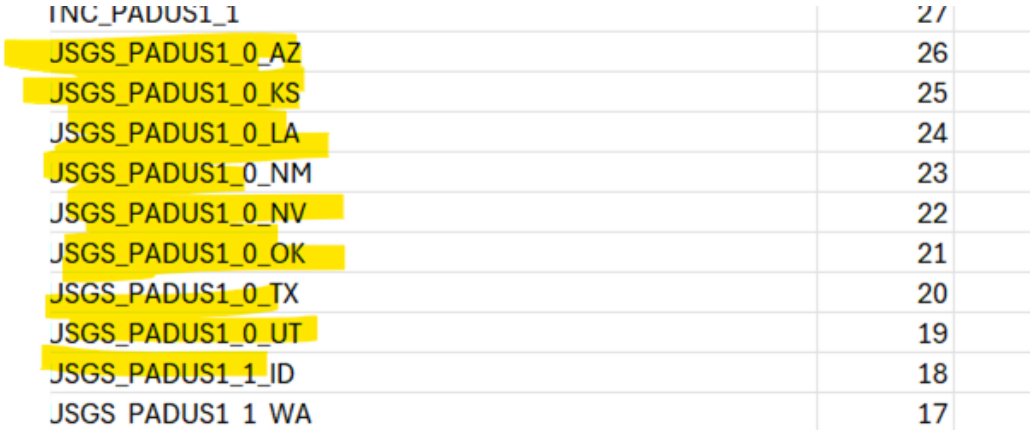
USGS Protected Areas Database of the United States (PAD-US) 1.0 started in 2009 and is the official, authoritative GIS inventory of all public parks and protected open spaces in the United States.

- PAD-US Releases:
- v1.0 (2009)
- v2.0 (2018)
- v3.0 (2022)
- v4.0, (2024), V4.1 (2025)

- 16% of PADUS state data is older than 10 years.

- 10 states haven't resubmitted data to PADUS for 17 years (since 2009)

- Some state data includes overlaps in the source dataset (example: GA)



INC_PADUS1_1	27
JSGS_PADUS1_0_AZ	26
JSGS_PADUS1_0_KS	25
JSGS_PADUS1_0_LA	24
JSGS_PADUS1_0_NM	23
JSGS_PADUS1_0_NV	22
JSGS_PADUS1_0_OK	21
JSGS_PADUS1_0_TX	20
JSGS_PADUS1_0_UT	19
JSGS_PADUS1_1_ID	18
JSGS_PADUS1_1_WA	17

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Utah SMA vs Jurisdictional Unit Boundaries

- 895 total discrepancies in Utah
- State & Private is largest discrepancy
- Federal discrepancies small – SMA differs from the summer 2025 Fed ADS data call (NPS, USFS, BLM).

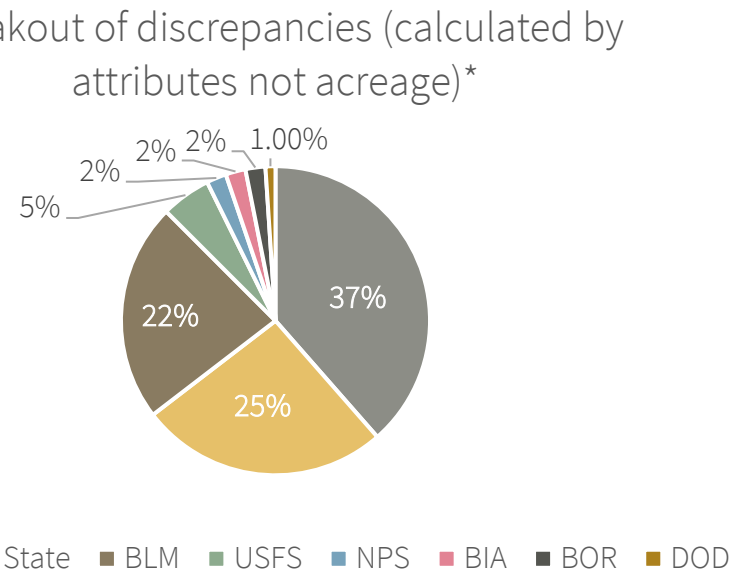
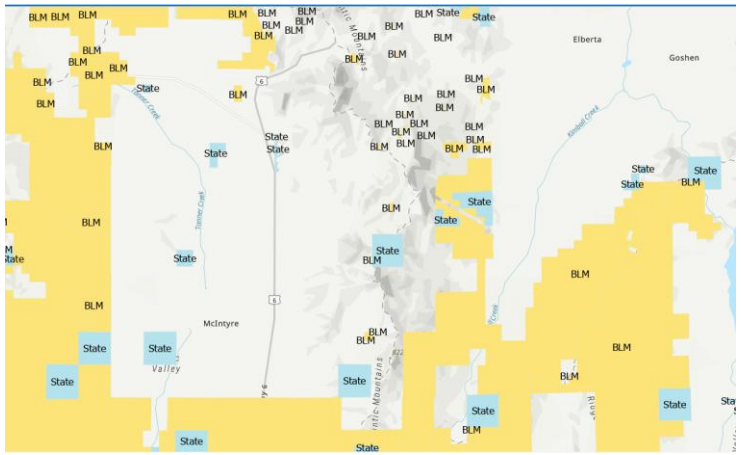
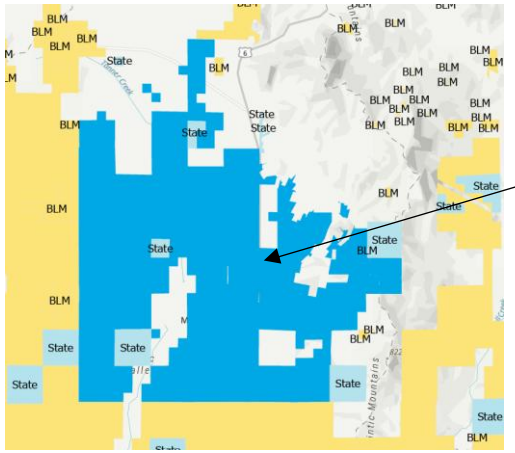


*Chart depicts what SMA determines the polygon should be in JU



Jurisdictional Unit



SMA discrepancy.

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Open Discussion

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