

Bureau of Land Management Uses of Climate Forecasting

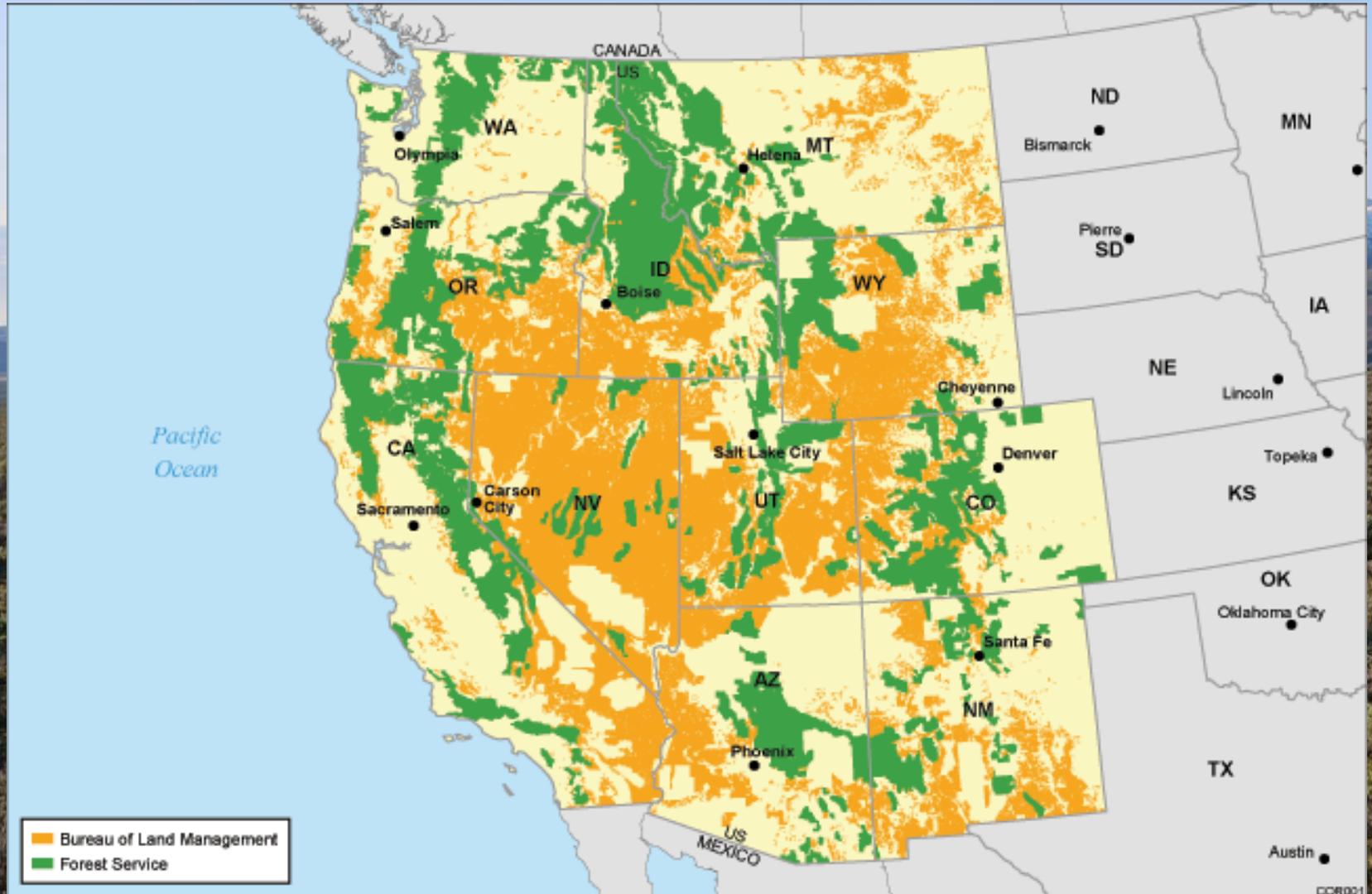
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BLM – a multiple use agency

Sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

- Manages 245 million acres in 12 western states
 - 8.4 million acres in CO
- Manages 700 million acres of sub-surface mineral estate
 - 27 million acres in CO

BLM Surface Acre Map



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Sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

- **Conservation of Natural Resources - wildlife habitat, aquatic, vegetation**
- **Conservation of Historical, Pre-Historical, and Paleontological Resources**
- **Energy Development – renewable and non-renewable**
- **Energy Infrastructure - Transmission Lines**
- **Mining**
- **Lands and Realty, surveying**
- **Livestock Grazing Management – cattle, sheep**
- **Recreation Opportunities**
- **Forest Products**

Fire Preparedness

Use climate forecasts to allocate fire resources

NOAA's Climate Prediction Center webpage

1. End Products (temperature/precipitation)

- **Monthly forecasts/up to 4 month forecasts (1 month, 2 months, 3-4 months combined)**

2. Analysis Products (oceanic conditions)

3. Analog Years

Livestock Grazing Management

- **BLM Colorado Manages 2,400 Allotments**
- **7.8 million acres available for grazing**

Drought Management Policy

- 1. Pre-season Coordination - prior to turn-out of livestock**
- 2. Early Season – at turn-out of livestock and during grazing season**
- 3. Late/Post-Season – after livestock removed from public lands**

Climate Forecasting Tools

- **Drought.gov**
- **Climate.gov**
- **National Interagency Coordination Center Predictive Services**
- **Drought mitigation center**