Region 5 Fiscal Year 2019 Recap

- Shared Stewardship
- Vegetation Management
- Range Management
- Environmental Analysis
- Wildfire Suppression
- Fire Modernization
- State & Private Forestry
Shared Stewardship

- Shared Stewardship Agreement signing imminent: State of California and USFS
- 20 Master Stewardship Agreements
- 29 Stewardship Project Agreements
  - 15 distinct partners
  - 20 projects involve CA Climate funds
California Climate Investment
Forest Health Grants

About $95 million dollars to Region 5 and our partners to date

• All lands, cross boundary work
• 15 distinct partner applicants
• About 75% federal, 25% private
• Will treat ~82,000 acres on National Forest System (13 NFs)
Timber Volume

Attained 375 MMBF

- Highest Volume in 11 years
- 103% of target (364 MMBF)

FY20 Target: 400 MMBF

- Salvage about 168 MMBF
- Green about 232 MMBF

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th></th>
<th>2018</th>
<th></th>
<th>2019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>214</td>
<td>42</td>
<td>312</td>
<td>42</td>
<td>217</td>
<td>158</td>
</tr>
<tr>
<td>Salvage</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>266</td>
<td></td>
<td>354</td>
<td></td>
<td>375</td>
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</table>
Fuels Reduction

Treated 217,000 acres total

- About 97% of target of 223,000 acres
- Lost 35 days, ~20 burn days to furlough
- Mechanical:
  - 171,000 acres
- Prescribed Fire:
  - 46,000 acres
Reforestation

Accomplished 7,035 acres

- Planting: 6,969 acres
- Natural Regeneration: 66 acres

Reforestation Need:
257,000 acres*

- Planting about 83%
- Natural Regeneration about 17%
Continuing our strategic efforts designed to better align our culture, policies, and procedures with current and future forest restoration needs

- Increase pace-and-scale
- Improve forest conditions
- Improve efficiency of product delivery
Species Conservation Planning

- Habitat improved – 185,000 acres terrestrial, 750 acres lake, 490 miles stream
- Finalized CA Spotted Owl Conservation Strategy with US Fish and Wildlife
  - Followed landmark MOU with CALFIRE and family-owned timber companies
  - Provides conservation assurances outside of ESA
- Sierra Meadows Partnership
- Transportation Infrastructure and Watershed Resilience Partnership (National Fish and Wildlife Foundation)
Range Management

270 Active Permits/Permittees

- 477 Active Allotments
- 212 Vacant Allotments

<table>
<thead>
<tr>
<th>Livestock Kind</th>
<th>Head Months</th>
<th></th>
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<tbody>
<tr>
<td></td>
<td>Permitted</td>
<td>Authorized</td>
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<tr>
<td>Cattle</td>
<td>307,935</td>
<td>235,974</td>
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<tr>
<td>Sheep</td>
<td>100,847</td>
<td>77,694</td>
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<tr>
<td>Horse</td>
<td>852</td>
<td>763</td>
</tr>
<tr>
<td>Mule</td>
<td>101</td>
<td>12</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>409,735</strong></td>
<td><strong>314,443</strong></td>
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Beginning in FY2020 the Region is implementing a pilot program under our Burned Area Emergency Response plans to help replace range allotment fencing and range improvements, including corrals and water developments, damaged or lost due to wildfire.
Wild Horse and Burro Program

Fall 2019 Modoc Wild Horse Gather
(Devils Garden Plateau Territory)
488 gathered, 169 adopted to date

Designated Territories:
• Seven active horse
• Two active burro
• One inactive horse
National Forest Planning

- Early Adopters
- Next Adopters
- National Monuments
- Northwest Forest Plan Forests

State Forest Action Plan

- Updated plan due June 2020
- FS working with CAL FIRE to integrate plans and priorities
Environmental Analysis and Decision Making

Goal – manage efficiently and inform decision making with a focus on:

• Regulation and Policy
• Business Practices
• Training FS employees
Farm Bill Tools

- **Healthy Forest Restoration Act**
  (Insect and Disease Designations)
  - 10.7M acres, 610 watersheds, 45% of NFS lands
  - Expedited NEPA work, Doubled use of CE’s

- **Good Neighbor Authority**
  - 3 Master Agreements; 7 Signed Project Agreements
  - New 2019 projects: CAL FIRE SPA on Stanislaus; Nevada DNR on LTBMU
  - Klamath NF timber project contract template under review by CAL FIRE HQ
  - Master GNA in progress with Caltrans
## 2019 - Veg/Fuels Project Planning

<table>
<thead>
<tr>
<th>NEPA Type</th>
<th>Number of Projects</th>
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<tr>
<td></td>
<td>2018</td>
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<tr>
<td>Record Of Decision (ROD)</td>
<td>4</td>
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<tr>
<td>Environ. Impact Statement</td>
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<td>Decision Notice (DN)</td>
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<tr>
<td>Environmental Assessment</td>
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<tr>
<td>Decision Memo (DM)</td>
<td>48</td>
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<tr>
<td>Categorical Exclusion (CE)</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>76</strong></td>
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</table>

Lake Tahoe Basin Management Unit 10,000-acre CE authority used twice in 2019. Healthy Forest Restoration Act Authority: used in 10 decisions (8 DM and 2 DN) DM/CE use included 11 citing Insect and Disease or Wildfire Resilience Authorities.
Wildfire Suppression

993 fires on 115,523 acres
• Human-caused:
  674 fires, 76,009 ac
• Lightning-caused:
  316 fires, 37,453 ac
• 24 Large Incidents
• 97.6% of fires stayed small
## California Historical Fires and Acres

<table>
<thead>
<tr>
<th>Year</th>
<th>USFS - Fires</th>
<th>USFS - Acres</th>
<th>All Jurisdictions - Fires</th>
<th>All Jurisdictions - Acres</th>
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<tbody>
<tr>
<td>2019</td>
<td>993</td>
<td>115,523</td>
<td>8,319</td>
<td>306,371</td>
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<tr>
<td>2018</td>
<td>965</td>
<td>728,895</td>
<td>8,054</td>
<td>1,823,153</td>
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<td>2017</td>
<td>1,526</td>
<td>644,640</td>
<td>9,562</td>
<td>1,268,321</td>
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<tr>
<td>2016</td>
<td>889</td>
<td>356,954</td>
<td>7,349</td>
<td>560,815</td>
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<tr>
<td>2015</td>
<td>1,656</td>
<td>537,446</td>
<td>8,745</td>
<td>893,362</td>
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<tr>
<td>5 Year Avg.</td>
<td>1,206</td>
<td>476,692</td>
<td>8,406</td>
<td>970,404</td>
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<tr>
<td>2014</td>
<td>1,460</td>
<td>399,713</td>
<td>7,865</td>
<td>555,044</td>
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<tr>
<td>2013</td>
<td>1,535</td>
<td>350,642</td>
<td>9,907</td>
<td>577,675</td>
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<td>2012</td>
<td>1,251</td>
<td>297,212</td>
<td>7,950</td>
<td>869,599</td>
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<tr>
<td>2011</td>
<td>1,049</td>
<td>41,777</td>
<td>7,989</td>
<td>126,854</td>
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<td>2010</td>
<td>1,164</td>
<td>39,288</td>
<td>6,554</td>
<td>109,529</td>
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<td>10 Year Avg.</td>
<td>1,249</td>
<td>351,209</td>
<td>8,229</td>
<td>709,072</td>
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Fire Modernization Efforts

• Workforce Development
  • Seasonal vs. permanent workforce
  • Incident Command Team and crew staffing level health
  • Facilities and barracks
  • Firefighter pay and compensation

• Technological Improvements
  • Military satellites
  • Drones/Lidar
  • Equipment and personnel tracking (Dingell Act)

• Incident Business Mgt. and Fire Agreements
  • CFAA/CFMA
  • Local fire agreements/incident cost sharing
Biomass and Infrastructure

- $900K invested in 5 wood & biomass utilization projects
- Fully engaged in state utilization activities
- Sponsored and organized a tour of mass timber facilities for 9 state officials
- Collaborate to supply biomass to facilities with BioRAM contracts and others
Smokey’s 75th Birthday
Questions?

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707-562-9000
www.fs.usda.gov/r5