

FOBS Report Bedrock Fire

Heather Heward – FOBS
Emory Maxwell – FOBS-t
8.11.2022 to 8.21.2022





Outline

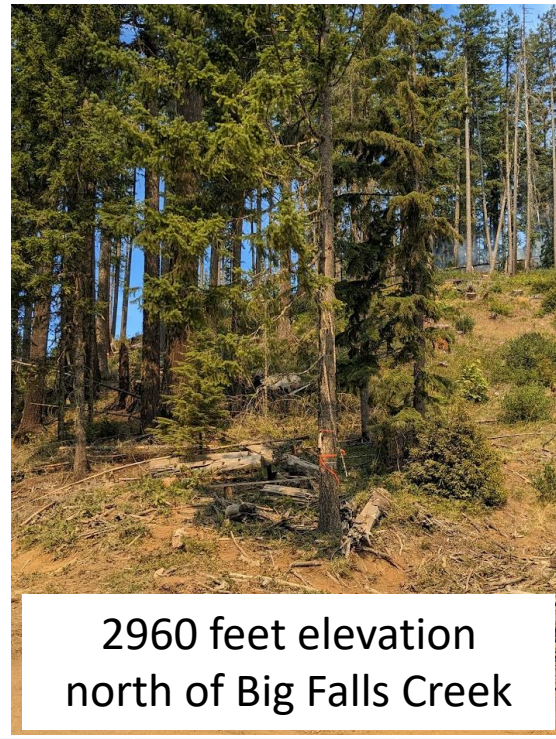
- Fuel Loading
- Fuel Moistures
- Fire Behavior
- Fire Effects
- People



863 feet elevations east of Big Fall Crk Commun.



2000 feet elevation south of Little Falls Creek



2960 feet elevation north of Big Falls Creek

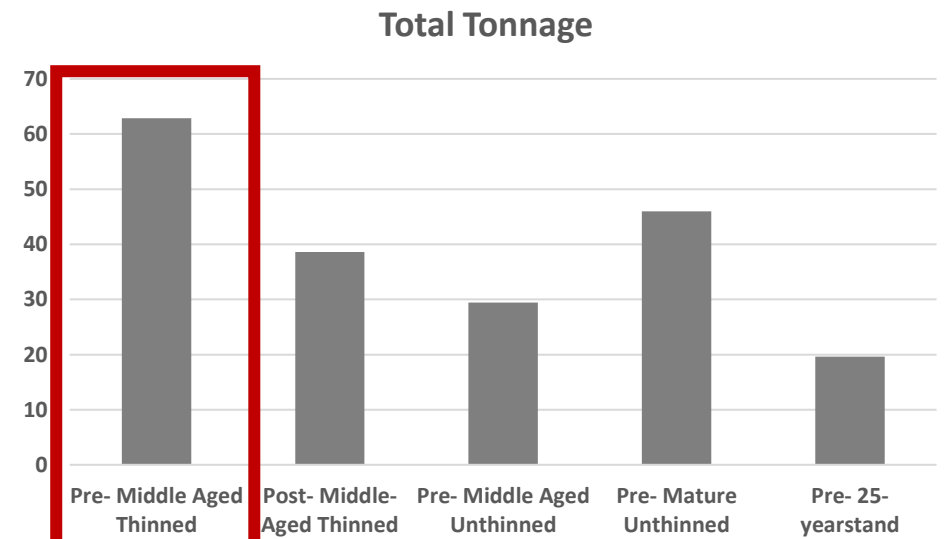


1200 feet elevation south of Little Falls Creek

Fuel Moisture

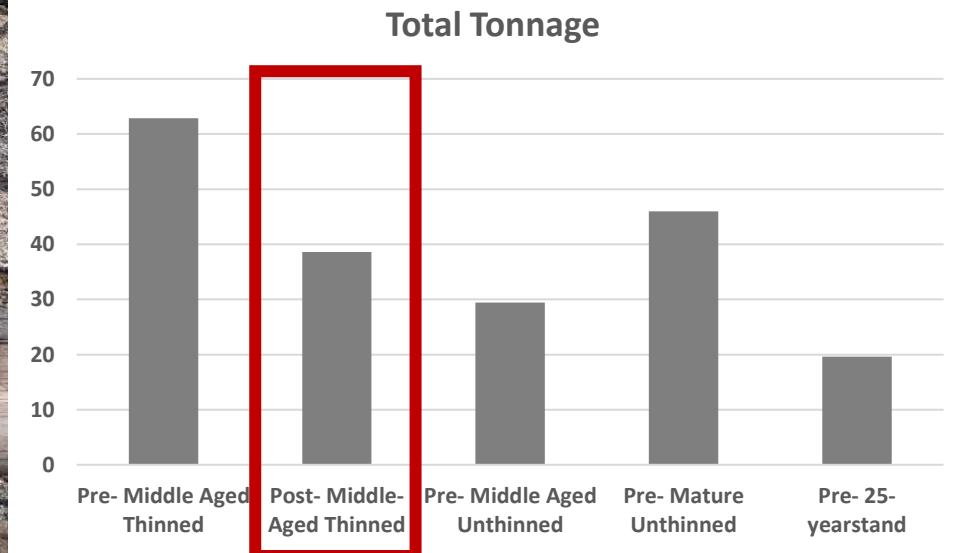
	8.12 north of big falls creek	8.14 east of big falls creek comm.	8.17 south of lit. falls creek rd	8.17 south of lit. falls creek rd	8.21 South of lit. falls creek rd	8.21 south of lit. falls creek road
Elevation	2960	863	1200	2000	2000	1200
1 hour	8.6%	21.8%	23%		27.1%	16.9%
10 hour	8.4%	15.0%	19%	23%	16.7%	15.0%
100 hour	9.3%	14.4%				
Duff	15.5%	30.6%		16%	24.8%	28.3%
Litter	13.0%	25.0%	23%	16%	23.3%	27.1%
DF #1	138.8%	151.5%	159%	168%		
DF #2	123.7%	169.0%	159%			
Other		Salal 179.5%	Fern 243%			Tree moss 27.3% Ground moss 60.0%
Soil				13%	30.5%	35.5%

Middle-aged thinned fir stand



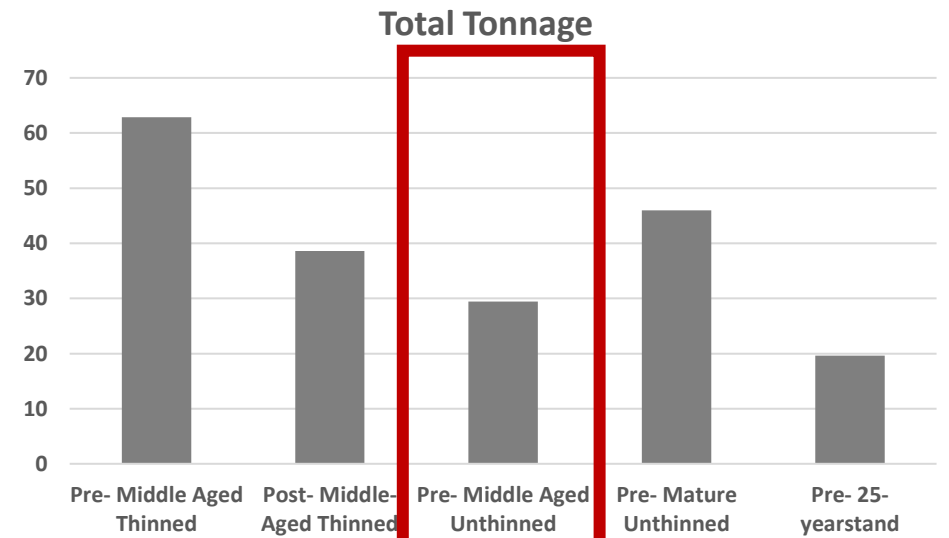
Location: 44.023917, -122.535139

Middle-aged thinned fir stand



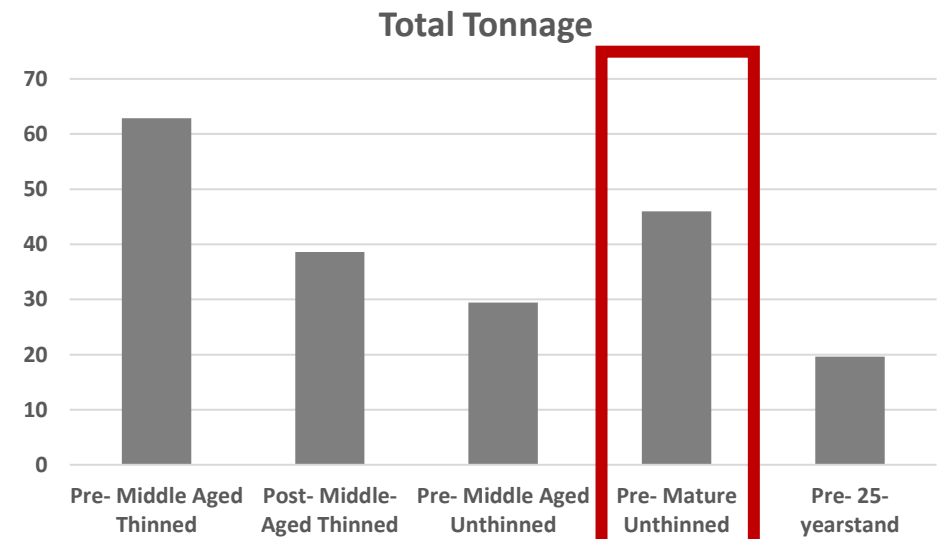
Location: 44.024728, -122.535194

Pre-fire middle-aged unthinned fir stand



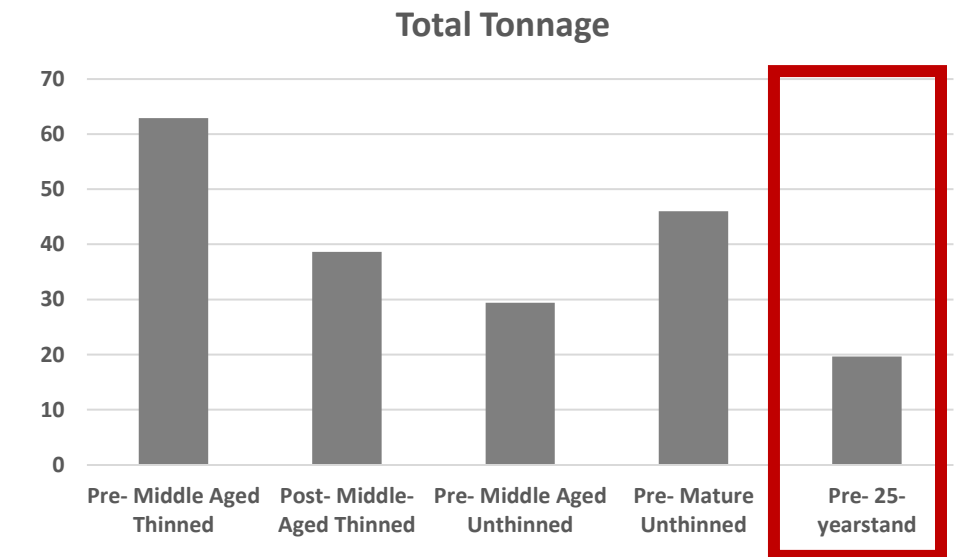
Location: 43.988975, -122.659400

Mature unthinned fir stand



Location: 44.013062, -122.576730

25 year unthinned fir stand



Location: 44.009786, -122.627016

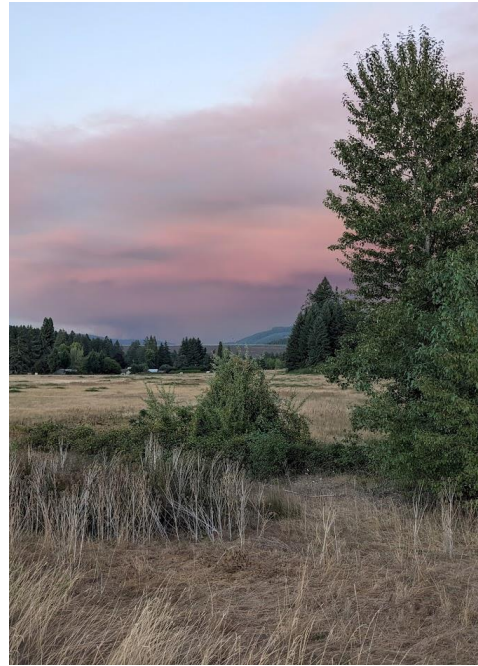
Smoke



08.10



08.11



08.12



08.13



08.14

Looking North from Jasper Lowell Road, Section #2

Low fire behavior Middle-aged closed fir stand

Date: 08.10.2023

Location: 44.021736, -122.535496

- Time: 1420
- Fuel Moistures - protimeter
 - 1 - 6 to 9%
 - 10 – 7 to 10%
 - 100 – 12%
 - 1000 – 25%
- Weather – Timber Butte RAWS
 - Temp: 76°
 - RH: 44%
 - Winds: 2
 - FDFM: 10%



Near DP 16

Moderate Fire Behavior Open fir stand

Date: 08.11.2023

Location: 44.015526, -122.538301

- Time: 1800
- Fuel Moisture - protimeter
 - 1 - 6 to 9%
 - 10 – 7 to 10%
 - 100 – 12%
 - 1000 – 25%
- Weather – Timber Butte RAWS
 - Temp: 77°
 - RH: 39%
 - Winds: 2 - WNW
 - FDFM : 8%



1817 Road, Section #11

Moderate Fire Behavior Open fir stand

Date: 08.12.2023

Location: 44.014102, -122.563071

- Time: 1800
- Fuel Moisture - oven
 - 1 - 6 to 9%
 - 10 – 7 to 10 %
 - 100 – 12%
 - 1000 - 25%
- Weather – Timber Butte RAWS
 - Temp: 82°
 - RH: 32%
 - Winds: 9 - N
 - FDFM: 7%



1817 Road, Section #10

Fire Effects

1817 Road in Section #11



High Fire Behavior Open fir stand

Date: 08.13.2023

Location: 43.9704, -112.5668

- Time: 1800
- Weather – On site
 - Temp: 91°
 - RH: 38%
 - Winds: 1 to 3 - E
 - FDFM: 7%



Looking north toward big pool



1548



1713



1745



1804

Date: 08.13.2023

Looking north toward big pool
43.9704, -112.5668



Fire Effects

High fire behavior Middle-aged fir

Date: 08.15.2023

Location: 43.9867, -122.6297

- Time: 1600
- Weather – Timber Butte
RAWS
 - Temp: 99°
 - RH: 21%
 - Winds: 6 - W
 - FDFM : 5%



Looking east toward north falls creek in section 19

Low fire behavior Middle-aged fir

Date: 08.15.2023

Location: 44.001368, -122.582710

- Time: 1100
- Weather - Observed
 - Temp: 78°
 - RH: 60%
 - Winds: Calm
 - FDFM: 13%
- Fire Behavior
 - Backing surface fire
 - Fire climbing lichen and burning in snags



Cowhorn Road, Section #16

Moderate fire behavior Middle-aged closed fir stand

Date: 08.16.2023

Location: 44.0010, -122.6277

- Time: 1530
- Weather – 6900 Rd Lookout
 - Temp: 99°
 - RH: 28%
 - Winds: 3 Gusts: 9 - SW
 - FDFM: 5%



6900 Road looking East

Low fire behavior Middle-aged closed fir stand

Date: 08.17.2023

Location: 44.0012, -122.6336

- Time: 1530
- Weather – 6900 & 6920 Rd
 - Temp: 84°
 - RH: 45%
 - Winds: 2 - Variable
 - FDFM: 11%



South side of 6900 Rd and 6920 Rd intersection

Mod/High fire behavior

Date: 08.19.2023

Location: 44.001281, -122.645819

- Time: 1830
- Weather – 6000 Rd
 - Temp: 78°
 - RH: 36%
 - Winds: 3 Gusts: 9 - SW
 - FDFM: 9%

Some single tree and group torching but mostly surface fire and consumption of DWD



6900 Road looking South toward the 700 road

Fire Effects

On the 700 rd in the NW corner of section 24





People

