

Benefits of Forest Restoration

The forests of the Sierra Nevada are in trouble. Forest managers can employ different restoration practices to protect them:



No Restoration



Mechanical Thinning

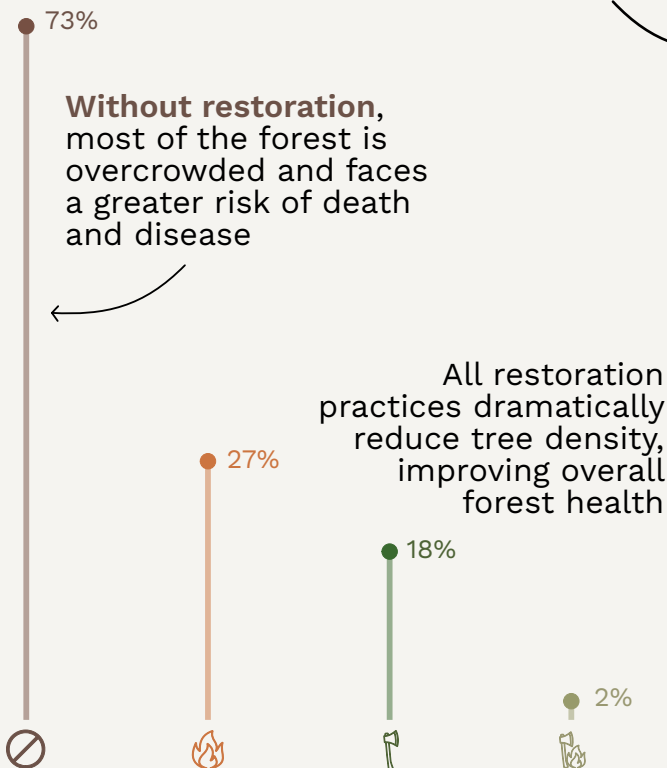


Prescribed Fire



Combined Fire and Mechanical Thinning

Decrease Dangerously High Density



Dense forests are more susceptible to the impacts of pests, disease, severe wildfire, and drought.



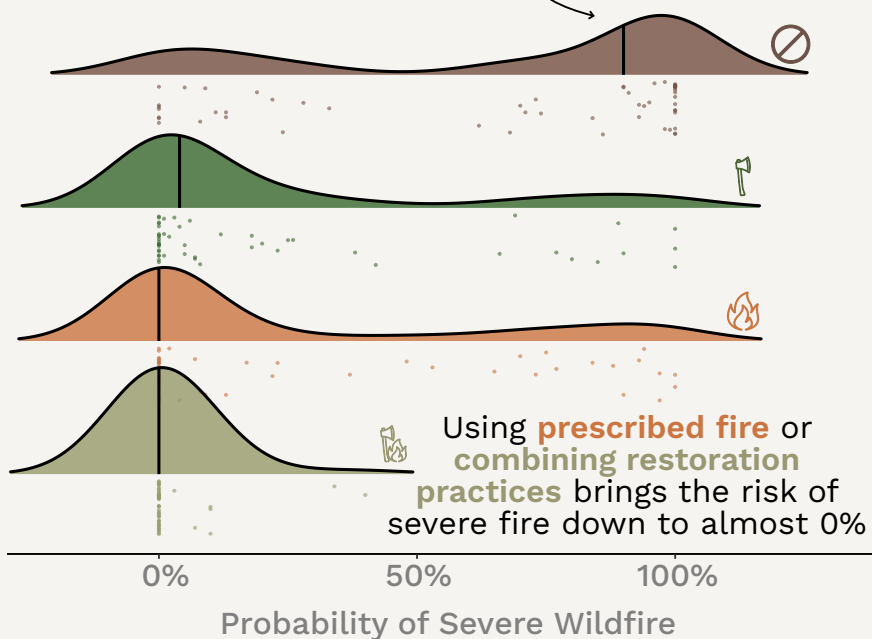
High Density



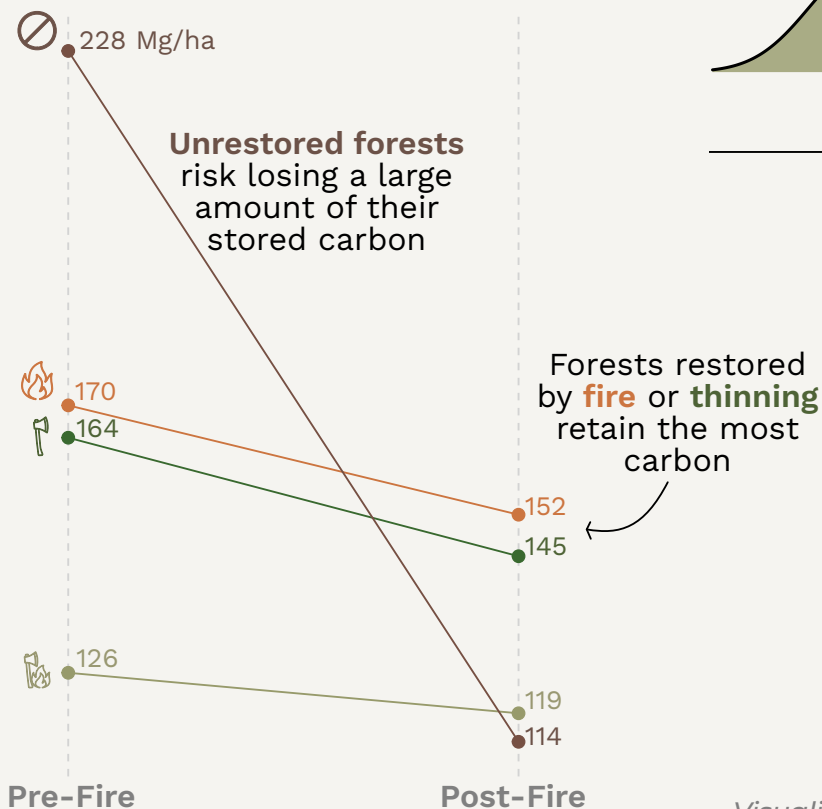
Low Density

Reduce Risk of Severe Wildfire

Without restoration, forests face a much greater risk of severe wildfire



Preserve Forest Carbon Stocks



Trees store carbon, helping to combat climate change. Severe wildfires kill trees, releasing that carbon back into the atmosphere.

