

**Sequoia & Kings Canyon National Parks
Giant Sequoia Grove Protection Action Plan
(Tentative and Subject to Change)**

Current Planned Fuels Reduction Treatments

Sequoia and Kings Canyon National Parks' (SEKI) FY23-25 three-year Sequoia Protection Action Plan identifies three phases of fuels treatments for groves that have not burned in recent years and have unhealthy accumulations of living and dead forest fuels. Phases 1 and or 2 are interim stages and will not be applied to all groves. Completion of Phase 3 is the objective of fuels reduction treatments. The three phases are:

- Phase 1: Immediate Manual Action to Reduce Risk of Most Vulnerable Trees.
- Phase 2: Manual Fuel Reduction & Pile Burning.
- Phase 3: Broadcast Rx Burn.

Grove	Completed Actions/Status	Planned Actions*
Lost Grove	• All but 16 acres of this grove burned in the KNP Complex. • 10/22: Completed point protection of remaining 16 acres of at-risk trees in grove (Protection Action Plan Phase 1).	FY25 • Planned completion of 669 acres of broadcast Rx burn in 10/24 (Protection Action Plan Phase 3).
Sequoia Creek	• 10/22: Completed 18 acres of understory thinning and piles (Protection Action Plan Phase 2).	FY 23 • Planned completion of 20 acres of understory thin and pile. Work is planned to be contracted in 7/23 (Protection Action Plan Phase 2). FY24 • Planned pile burn of 38 acres (Protection Action Plan Phase 2). Rx broadcast Rx burn will be on-cycle after FY25 (Protection Action Plan Phase 3).
Grant Grove	• 10/22: Completed point protection work of at-risk trees (Protection Action Plan Phase 1).	FY23 • Planned completion of 168 acres of understory thin and pile. Work is planned to be contracted in 7/23 (Protection Action Plan Phase 2). FY24 • Planned pile / broadcast Rx burn of 521 acres (Protection Action Plan Phase 3).
Atwell Grove	• Large portion of this grove burned in KNP Complex. • 10/22: Completed point protection work of at-risk trees (Protection Action Plan Phase 1).	FY23 • Planned completion of 68 acres of understory thin and pile. Work is planned to be contracted in 7/23 (Protection Action Plan Phase 2). FY24 • Planned pile burn of 68 acres (Protection Action Plan Phase 2). • Planned Rx burn prep (Protection Action Plan Phase 3). FY25 • Broadcast Rx burn (Protection Action Plan Phase 3).

Redwood meadow Grove	• 10/22: Completed 71 acres of understory thin and pile (Protection Action Plan Phase 2).	FY23 • Planned completion of 115 acres of understory thin and pile. Work is planned to be contracted in 7/23 (Protection Action Plan Phase 2). FY24 • Planned pile burn of 186 acres (Protection Action Plan Phase 2). FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
Little Redwood Meadow Grove	• 10/22: Completed point protection work of at-risk trees (Protection Action Plan Phase 1).	FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
Granite Creek Grove	• 10/22: Completed point protection work of at-risk trees (Protection Action Plan Phase 1).	FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
Big Stump Grove	• 7-8/22: Completed 117 acres of understory thin and pile in Big Stump East unit (Protection Action Plan Phase 2). • 7-8/22: Completed 45 acres of understory thin and pile in Big Stump South unit (Protection Action Plan Phase 2). • 1/23: Completed 25 acres of pile burning Big Stump South (Protection Action Plan Phase 2).	FY24 • Planned pile burn of 117 acres Big Stump East units (Protection Action Plan Phase 2). • Planned pile burn of 20 acres Big Stump South units (Protection Action Plan Phase 2). FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
East Fork Grove		FY24 • Planned Rx burn prep (Protection Action Plan Phase 3). • Planned broadcast burn of 941 acres (Deer Creek RX) in 11/23 (Protection Action Plan Phase 3). FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
Cahoon		FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).
Horse Creek		FY25 • Planned “big box” broadcast burn (Protection Action Plan Phase 3).

* Note: Planned treatment timetable is subject to staffing availability based on wildfire activity and, in the case of prescribed fire treatments, suitable burn conditions.

Deferred Fuels Reduction Treatments

The three-Year Protection Action Plan excludes treatment of three small at-risk groves (which constitutes just 5% of total SEKI grove acreage) as they are remote, located in extreme terrain, and are too hazardous for conventional mitigation tactics. Action will be deferred until completion of the Fire Management Plan which may identify them as good candidates for treatment via “Big Box” Managed Wildfire. Those groves are:

- Coffeepot Canyon
- Surprise
- Eden Creek (which partially burned in wildfire).

Completed Wildfire or Prescribed Management Fuels Treatments

Other than the 11 groves listed in the fuels treatment plan and the three deferred groves, the remaining 23 SEKI groves have burned in recent years (either via wildfire, managed fire, or prescribed burns) and are within a natural burn cycle and not currently in need of fuels reduction treatments. Those groves are:

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| • Redwood Mountain | • Oriole Lake | • Dennison |
| • Big Springs | • Squirrel Creek | • Redwood Creek |
| • Pine Ridge | • New Oriole Lake | • Homers Nose |
| • Muir | • Eden Creek | • Board Camp |
| • Skagway | • Cedar Flat | • South Fork |
| • Suwanee | • Clough Cave | • Garfield |
| • Giant Forest | • Forgotten Creek | • Dillonwood |
| • Douglass | • Devil's Canyon | |

Planned Burned Grove Rehabilitation

SEKI is currently evaluating six groves that burned at high severity during the Castle or the KNP Complex fires. Mortality may be too high to accommodate natural regeneration. SEKI is currently in the pre-NEPA civic engagement stage of preparing an EA to potentially replant within these groves manually. At the same time, we are growing seedlings from cones collected in groves that can be used to support the project should we proceed. Assuming there is a signed FONSI, replanting activity is expected to begin in October 2023 and continue for three years (unless extended if we experience drought conditions). The six burned groves being evaluated for replanting are:

- Homers Nose
- Board Camp
- Dillonwood
- Suwanee
- Redwood Mountain
- New Oriole Lake

Yosemite National Park

Yosemite National Park will be implementing fuels reduction and forest restoration in the Merced Grove and in the Mariposa Grove in FY2023.