Fire Atlas – 2010
Sequoia and Kings Canyon National Parks December 15, 2010

Total acreage burned by all causes: 3529 acres
Total number of fires: 15
Mechanical treatments: 1 (37 acres)

Wildland Fires (3138 acres)
Unplanned fires started by humans or lightning. Human-caused fires are always suppressed. Lightning-caused fires are evaluated to determine the appropriate response strategy. Fire response considers safety, community protection, smoke, etc. Response ranges from monitoring to suppression.

- **Lightning Fire (3132 acres)**
  In 2010, there were six lightning fires. Only one, the *Sheep Fire*, was significant. It grew to 9120 acres (3,125 in Kings Canyon National Park) and required a long-term, interagency response. The response included containment actions as well as simple monitoring. Other fires: *Sugarloaf, Cahoon, Gardiner, Gallats, Atwell*, and *East Fork*.

- **Human-Caused Wildfires (6 acres)**
  Human caused fires are unplanned and unwanted wildfires that were aggressively suppressed. In 2010, there were three human-caused fires totaling 6 acres. Fire names: *Eleven Range, Swale,* and *Eshom*. Only the *Eshom Fire* showed any significant challenge for suppression.

Prescribed Fires (391 acres)
Fires planned and set by NPS staff in designated areas to reduce hazardous fuels and/or restore natural conditions. This also includes "pile burning" mechanical thinning projects. In 2010, there were six completed prescribed fires:

Viewpoint	Kings Canyon NP	73	acres
Ash Mountain/Hospital Rock	Sequoia NP	25	acres
Bobcat	Sequoia NP	97	acres
Wuksachi	Sequoia NP	39	acres
Silliman	Sequoia NP	98	acres
Pile burning	Parkwide	59	acres

Mechanical Fuel Reduction Projects (37 acres)
Hazardous fuels are removed around communities and structures to create defensible space. In 2010, the *Lodgepole South Thinning Project* was completed near the Lodgepole campground, Sequoia National Park. Crews use chainsaws to cut small trees and ladder fuels. Lop and scatter was the preferred method for this project because of its proximity to the campground.

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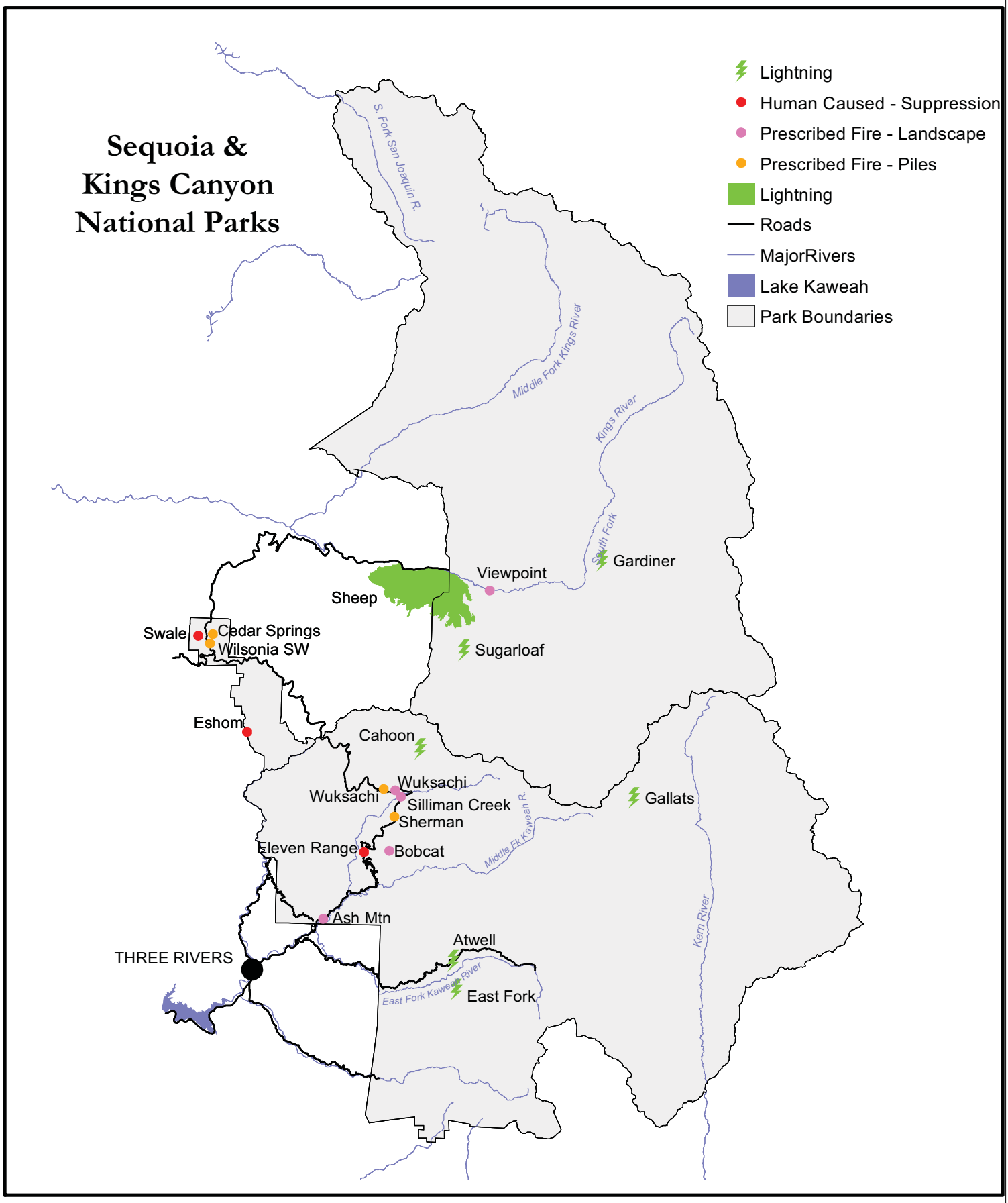

Map by NPS (KF)
December 16, 2010