

Sample of Harvest Volume
4 Forest Restoration Initiative
Request for Proposals
Shelf Stock Cruise Data

Overview

In an effort to display to potential bidders, the levels of harvest anticipated under this RFP, we looked at five actual, cruised timber sales that will be offered in the first year of this contract. These sales span a spectrum of forest conditions represented across the majority of the stewardship area. These sales have all been leave tree marked (LTM) and cruised to tree measurement standards. This data represents the best estimate of trees and volume to be harvested the Forest Service can provide.

While ponderosa pine forest restoration is an evolving science and art, these sales represent the latest effort in “clumpy-groupy” tree retention with emphasis on managing multiple age classes which features maintaining most of the largest trees. This is not to say that this sample will necessarily represent every treatment over the 10 year span of this contract. It does represent our best, current interpretation of forest restoration.

Five sales are represented in this analysis. Three projects from the Coconino National Forest, and two from the Kaibab National Forest.

Sale Name	National Forest	Acres of Harvest
Bob’s	Coconino	2,1017
Weatherford*	Coconino	1,613
Elk Park	Coconino	2,901
Pomeroy	Kaibab	1,743
KA	Kaibab	1,047

* Although partially burned in the Schultz Fire (June 2010), the cruise data represents restoration treatments within the stewardship area.

With inclusion the cruise data in this Request for Proposal, the reader can calculate volumes for any diameter break point. For this analysis we partitioned the data to reflect 5-16.5” DBH and 16.6”+ DBH to a 4” DIB top. This cruise data does not attempt to measure biomass volume in trees less than 5” DBH, nor biomass volume in limbs and tops.

Summary Data

Sale	CCF/Ac. 5-16.5”	Trees/Ac. 5-16.5” DBH	CCF/Ac. 16.6”+	Trees/Ac. 16.6”+ DBH	Total CCF/Ac.
Bob’s	10.67	130	2.2	5.55	12.87
Weatherford*	5.44	70	1.75	4.6	7.19
Elk Park	7.99	115.4	1.91	4.6	9.9
Pomeroy	4.79	59.25	2.12	5.7	6.91
KA	4.9	53	4.02	10.2	8.92
5 Sale Average	7.16	95.4	2.23	6	9.42