

Appendix O

SNAGS AND DOWNED WOOD



Contents

O. SNAGS AND DOWNED WOOD	O-1
---------------------------------	------------

List of Tables

Table O-1 2010 Estimate of Snags on Covered Lands	O-1
Table O-2 2010 Estimate of Logs on Covered Lands	O-2

O. SNAGS AND DOWNED WOOD

Snags are defined as dead standing trees ≥ 16 in. dbh and >30 ft tall. Snags can be either hardwoods or conifers. Table O-1 shows, within each watershed analysis unit, the number of snags and the average number of snags per acre, as well as the total number of snags on covered lands as of 2010.

Downed wood is counted as a log if its average diameter is ≥ 16 in and >6 ft long. Logs can be redwood, other conifers, and hardwood. Table O-2 shows, within each watershed analysis unit, the number of logs, the average number of logs per acre as of 2010.

After commencement of the HCP/NCCP, MRC will provide similar reports to the wildlife agencies; within watershed analysis units, the reports will be broken down by size and hardness class within a THP. The reports will also include wildlife trees. There is currently no information on density of wildlife trees in the plan area.

The data for this appendix came from the MRC inventory program. The protocol that MRC uses to gather data for the inventory program is designed to assess standing live trees, not snags or downed wood.

Table O-1 2010 Estimate of Snags on Covered Lands

2010 Estimate of Snags on Covered Lands			
Watershed	Species	# Snags	Snags per Acre
Albion River	Conifer	3855	0.27
	Hardwood	2147	0.15
	Total	6002	0.42
Alder Creek/Schooner	Conifer	2115	0.17
	Hardwood	1679	0.14
	Total	3794	0.31
Big River	Conifer	2384	0.07
	Hardwood	5966	0.19
	Totals	8350	0.26
Cottaneva Creek	Conifer	155	0.02
	Hardwood	7268	0.96
	Totals	7423	0.98
Elk Creek	Conifer	1525	0.12
	Hardwood	489	0.04
	Totals	2014	0.15
Garcia River	Conifer	4679	0.43
	Hardwood	826	0.07
	Totals	5505	0.50
Greenwood Creek	Conifer	1291	0.14

2010 Estimate of Snags on Covered Lands			
Watershed	Species	# Snags	Snags per Acre
	Hardwood	1672	0.18
	Totals	2963	0.32
Hollow Tree Creek	Conifer	2559	0.13
	Hardwood	5692	0.29
	Totals	8251	0.42
Navarro River	Conifer	5202	0.10
	Hardwood	14613	0.28
	Totals	19815	0.38
Noyo River	Conifer	1434	0.08
	Hardwood	3920	0.21
	Totals	5354	0.29
Rockport Coastal	Conifer	1433	0.15
	Hardwood	495	0.05
	Totals	1928	0.20
Upper Russian River	Conifer	139	0.06
	Hardwood	1171	0.49
	Totals	1310	0.55
	Grand Total	72,709	0.36

Table O-2 2010 Estimate of Logs on Covered Lands

2010 Estimate of Logs on Covered Lands			
Watershed	Species	Downed Logs per Acre	Total Acres in WAU
Albion River			14,080
	Redwood	5.0	
	Hardwood	0.3	
	Other Conifer	1.7	
	Total	7.1	
Alder Creek/Schooner			12,277
	Redwood	5.7	
	Hardwood	0.3	
	Other Conifer	1.0	

2010 Estimate of Logs on Covered Lands			
Watershed	Species	Downed Logs per Acre	Total Acres in WAU
Big River	Total	7.1	32,099
	Redwood	6.3	
	Hardwood	0.3	
	Other Conifer	0.7	
	Totals	7.3	
Cottaneva Creek	Redwood	7.0	7587
	Hardwood	0.6	
	Other Conifer	0.9	
	Total	8.5	
Elk Creek	Redwood	7.0	13057
	Hardwood	0.6	
	Other Conifer	0.9	
	Totals	8.5	
	Total	8.5	
Garcia River	Redwood	5.8	10945
	Hardwood	0.8	
	Other Conifer	1.4	
	Totals	8.0	
	Total	8.0	
Greenwood Creek	Redwood	7.8	9222
	Hardwood	0.5	
	Other Conifer	1.0	
	Totals	9.3	
	Total	9.3	
Hollow Tree Creek	Redwood	6.7	19767
	Hardwood	0.4	
	Other Conifer	0.6	
	Totals	7.7	
	Total	7.7	
Navarro River	Redwood	7.5	52,019
	Hardwood	0.5	
	Other Conifer	1.0	
	Totals	9.0	
	Total	9.0	
Noyo River	Redwood	4.8	18,713
	Hardwood	0.2	
	Total	5.0	

2010 Estimate of Logs on Covered Lands			
Watershed	Species	Downed Logs per Acre	Total Acres in WAU
	Other Conifer	0.4	
	Totals	5.4	
Rockport Coastal			9770
	Redwood	4.8	
	Hardwood	0.4	
	Other Conifer	0.7	
	Totals	5.9	
Upper Russian River			2391
	Redwood	0.5	
	Hardwood	2.1	
	Other Conifer	6.3	
	Totals	9.0	
	Grand Total	6.4	