

# CSE Surface Fuels

Observer	_____
Recorder	_____

Macroplot:	_____
Date (DD/MM/YYYY):	_____
Time:	_____

CSE Brown's Transects are 50 feet long, starting at PC.

Class	Count From	Total Length
1-hr, 10-hr	44' to 50'	6
100-hr	38' to 50'	12
1000-hr	0' to 50'	50

Class		Diameter (in)
FWD	1-hr	0 to 0.25
	10-hr	0.25 to 1.0
	100-hr	1.0 to 3.0
CWD	1000-hr and greater	3.0 and greater

### Decay Class Description

- 1 All bark is intact. All but the smallest twigs are present. Old needles probably still present. Hard when kicked
- 2 Some bark is missing, as are many of the smaller branches. No old needles still on branches. Hard when kicked
- 3 Most of the bark is missing and most of the branches less than 1 in. in diameter also missing. Still hard when kicked
- 4 Looks like a class 3 log but the sapwood is rotten. Sounds hollow when kicked and you can probably remove wood from the outside with your boot. Pronounced sagging if suspended for even moderate distances
- 5 Entire log is in contact with the ground. Easy to kick apart but most of the piece is above the general level of the adjacent ground. If the central axis of the piece lies in or below the duff layer then it should not be included in the CWD sampling as these pieces act more like duff than wood when burned.

Fine Woody Debris (1, 10, 100 hr fuels)	Transect	Azimuth	Slope	1 - Hr Count	10 - Hr Count	100 - Hr Count	Comment
	1	0°					
	2	180°					

Coarse Woody Debris (1000 hr fuels)	Transect	Log No.	Log Diameter	Decay Class	Length (feet)	Comment	

Litter & Duff	Transect 1	15'	30'	38'	44'	45'
	Litter Depth (in)			N/a	N/a	
	Duff Depth (in)	N/a	N/a			N/a
	Transect 2	15'	30'	38'	44'	45'
	Litter Depth (in)			N/a	N/a	
	Duff Depth (in)	N/a	N/a			N/a

