

PLOT FORM

032709

Landowner _____ Date _____

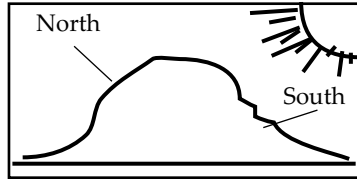


Extension Forestry • 32 Campus Dr. Missoula, MT 59812-0608

Management Unit _____ Plot No. _____

2. Aspect

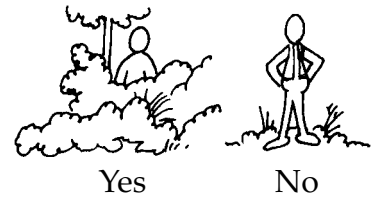
N S E W Flat



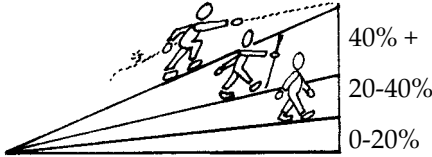
3. Forest Structure

(1-20)

4. Shrub Understory



1. Slope Percent



5. Soil Considerations (at and between plots)

Organic Layer Depth

- Heavy > 2 inches
- Light < 2 inches

Soil Depth

- Deep > 2 feet
- Shallow < 2 feet
- Absent 0 feet/rock

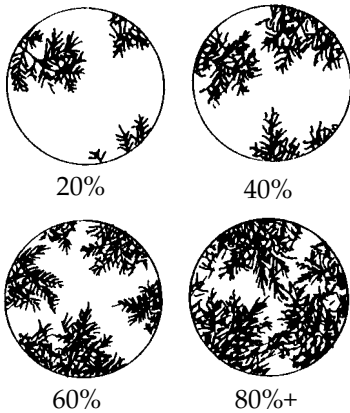
Texture/Compaction

- Rocky *(check all that apply)*
- Gravelly
- Fine textured

Drainage

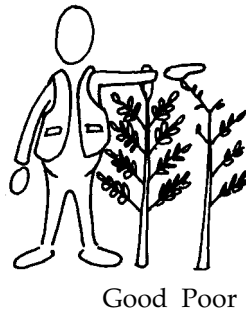
- Well drained
- Poorly drained

6. % Tree Crown Cover



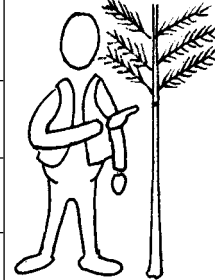
7. Seedling & Sapling Information (16.7' radius) Stop @ 20 total count

Seedling
(.5' to 4.5')



Species	Good	Poor

Sapling
(>4.5', <5" DBH)



Species	Good	Poor

8. Large Tree Information (choose and use one plot size for all plots)

acre	radius	Tree Status								
1/10	37.2'									
1/50	16.7'									
1/100	11.8'	Good (1-4)				Poor (5-8)				Dead
Species										
5 - 9" DBH										
9 - 15" DBH										
15 - 20" DBH										
20" + DBH										

9. 1st Large Tree

	Primary Species 1st Large	Secondary Species 1st Large	Other Species
Species			
DBH			
Total Age			
Rings/1 inch			

10. Stand Health/Appearance (at and between plots)

INSECTS:

- Bark Beetle
- Budworm
- Other _____

DISEASE:

- Root Rot
- Mistletoe
- Rust
- Conks
- Other _____


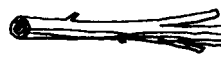

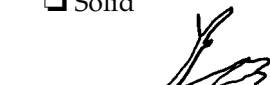

ANIMAL DAMAGE:

- Deer/Elk
- Porcupine
- Cattle
- Other _____

APPEARANCE:

- Sweep
- Fork
- Crook
- Fire Scar
- Other _____

11. Down Woody Material (at and between plots)

Material Size	Arrangement	Stage of Decay
 <input type="checkbox"/> 0-6"  <input type="checkbox"/> 6-12"  <input type="checkbox"/> 12" +	<input type="checkbox"/> Contiguous <input type="checkbox"/> Suspended above 24" <input type="checkbox"/> Dispersed <input type="checkbox"/> Piled (man-made)	<input type="checkbox"/> Solid <input type="checkbox"/> Decayed  

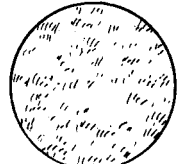
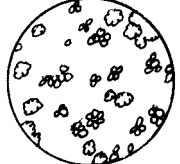

12. Fire Hazard (at and between plots)

Wildfire risk (total marked from below)
High = any 2 highs marked
Moderate = 2 or more medium
Low = 1 med or less




Trees with fuel ladders High > 30% Med 10-29% Low < 10%
Tree crowns touching High > 50% Med 10-49% Low < 10%
Fine fuels (grasses taller than 2ft, > 2" deep pine needles, brush, branches) High Med Low
Large fuels (branches larger than 2 inches diameter, logs) ----- High Med Low
Fuel Continuity High = Fuels mostly touching Med = occasionally touching Low = rarely touching

13. % Ground Cover (16.7' radius)

Use diagrams to determine forage %
 Think of putting all the grasses together, what % would they cover?

Absent = 0%												
	Minor (5-20%)				Common (20-40%)				Abundant (40%+)			
	GRASSES				FORBS				SHRUBS			
	0-5%	5-20%	20-40%	40%+	0-5%	5-20%	20-40%	40%+	0-5%	5-20%	20-40%	40%+
Native/Acceptable												
Weeds/Invaders	0	1-5%			0	1-5%						
List understory plant species present (include weeds)												





14. Cattle Forage Use:

		
Absent or Light	Moderate	Heavy

15. Deer/Elk Forage Over-use:

	
No	Yes

16. Presence of Pellets/Scat (at and between plots)

<input type="checkbox"/> Deer	<input type="checkbox"/> Elk	<input type="checkbox"/> Moose	<input type="checkbox"/> Bear	<input type="checkbox"/> Other
				
(Relative size)				
in. 1 2 3	in. 1 2 3	in. 1 2 3	in. 1 2 3	

17. Other Wildlife Sign (at and between plots)

<input type="checkbox"/> Noxious Weeds	<input type="checkbox"/> Wetlands	<input type="checkbox"/> Survey Markers	<input type="checkbox"/> Cultural/ Archeological
			
<input type="checkbox"/> Riparian Areas	<input type="checkbox"/> Threatened/ Endangered	<input type="checkbox"/> Wallows	
			
<input type="checkbox"/> Snags	<input type="checkbox"/> Access Concerns	<input type="checkbox"/> Tracks	<input type="checkbox"/> Down Fences
			

18. General Observations (at and between plots)