

FORESTRY INVENTORY and SUMMARY FORM SAMPLE

CLIENT: Camp on the Boulder

STAND/PLOT: A

ZIGZAG TRANSECT

	Species			Dist (ft)	Dia (in)	Cond	Ht (ft)	Vol (bf)	Vol (cf)			NOTES *
	Main	Scnd	Third									
1	LPP			10	13	F	63	65				F
2	LPP			9	7	F	50		4.7			TC
3	LPP			11	7	F	50		4.7			TC
4	LPP			9	7	G	50		4.7			
5	LPP			12	7	F	57		4.7			F
6	DF			76	7	G	25		2.5			
7	LPP			36	9	P	35	10				TC
8	LPP			6	7	F	35		3.2			TC
9	LPP			7	10	G	50	20				
10	ES			18	7	G	45		4			
11	ES			8	7	G	40		3.6			
12	LPP			30	14	G	65	90				
13	LPP			19	11	G	55	40				
14	LPP			8	13	G	60	65				
15	LPP			11	8	F	50	20				
16	LPP			5	14	F	74	110				F
17	LPP			5	12	G	70	70				
18	LPP			2	6	P	30		2			TC
19	LPP			3	10	G	70	50				
20	LPP			20	10	G	70	50				
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
Total	*****	*****	*****	305	186	*****	*****	590	34.1			
Ave	*****	*****	*****	15	9	*****	*****	*****	*****			

* USE SYMBOLS FOR NOTES ON CONDITION:
 S-sweep, F-fork, TC-thin crown, I-insects, etc.

FIXED PLOT TREE REGENERATION (<30 years old Seedling and Saplings)

Species	DBH 0-1"		DBH 1-3"		DBH 3+"		TOTAL	AVE/PLOT	TOTAL/AC	Plot Size (circle one) 1/500 ac (5.27' radius) 1/200 ac (8.33' radius) 1/100 ac (11.78' radius) 1/50 ac (16.66' radius) 1/20 ac (26.33' radius)
	Good	Poor	Good	Poor	Good	Poor				
DF							9	3	300	No. of Plots <u>3</u>
LPP							1	0.33	33	
ES							4	1.33	133	
TOTAL	2	6	3	2		1	14	4.66	466	Total / Ac = Total Ave / Plot Size

OVERSTORY SUMMARY

Two+ Age Classes:	Main	Scndrv	Tertiary	Total
Ave Diameter				*****
Ave Spacing	*****	*****	*****	
Current BA/Ac				
Desired BA/Ac				
Excess BA/Ac				
Current Trees/Acre**				
Desired Trees/Ac				
Excess Trees/Ac				

or...

One Age Class:	Main
Ave Diameter	9
Ave Spacing	15
Current D+X Spacing	6
Desired D+X Spacing	D&7
Desired Ave Spacing	16
Current Trees/Acre**	194
Desired Trees/Ac	170
Excess Trees/Ac	24

9.7
Expansion Factor (EF)
 (trees/ac / # transect trees)

BA/diameter: 4"=0.09 5"=0.14 6"=0.2 7"=0.27 8"=0.35 9"=0.44 10"=0.55 11"=0.66 12"=0.8 13"=0.9
 14"=1.07 15"=1.23 16"=1.4 17"=1.58 18"=1.77 20"=2.18 22"=2.64 24"=3.14 26"=3.7 28"=4.3 30"=4.9

** Trees/ac = 43,560/(Ave Spacing)²

FOREST INVENTORY SUMMARY SAMPLE

CLIENT: Church Camp--Camp on the Boulder
 LOCATION: Sec. 23, T5S, R12E

STAND/PLOT: A ACRES: 40
 PLANNER: Oxford/Logar DATE: 06/26/02

STAND COMPOSITION AND CONDITION

Main Age Class		6-14 :Diam Range		
Age <u>95</u>	Species	LPP	ES	DF
	%	85	10	5
	QUALITY: Good %	47	100	100
	Fair %	41		
	Poor %	12		
Secondary Age Class		:Diam Range		
Age _____	Species			
	%			
	QUALITY: Good %			
	Fair %			
	Poor %			
Tertiary Age Class		:Diam Range		
Age _____	Species			
	%			
	QUALITY: Good %			
	Fair %			
	Poor %			
Understory Regeneration				
	Species	DF	ES	LPP
	%	65	28	7
	QUALITY: Good %	11	100	
	Poor %	89		100
	Trees per Acre	Spp 300	133	33
		TOTAL	466	

Notes, observations and recommendations:

Slope=12% Aspect=ESE
 Scattered Aspen in overstory
 Small power/phone line across stand (Running N --> S)
 Reproduction --> scattered, suppressed, and more in small openings
 Scattered stones and boulders on surface
 Good grass and forb production in openings and under power/phone line
 Common plants-- pine grass
 round-leaf arnica
 Kinnickanick
 dogbaine
 creeping juniper
 Douglas fir/pine grass habitat type
 Scattered mature DF in overstory only in north end of stand
 Average Tree Canopy Cover = 70%

* Stand--adequately stocked and spaced

FOREST HEALTH

Species	Damage (animal, insect, disease, poor form)	Degree (L,M,H)
DF	DF Bark Beetle Damage	L
Fire Hazard		
overstocked	fuel ladder	heavy slash
	dead/dying	
		L

SITE INDEX (SI) & RADIAL GROWTH

Species	Rings	Age	Ht	SI	DBH	rpi-B	mm
LPP	86	96	57'	60	12	7	#
DF	94	104	62'	40	14	5	#

HARVEST OPTIONS

Treatment Options	Volume/ac	
	MBF*	MCF*
Clear Cut (Total Volume)	57	0.3
Commerical Thin		

* MBF(MCF) = 1000 board feet or (cubic feet)