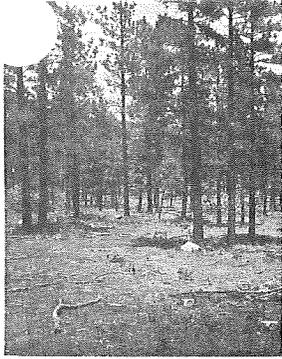


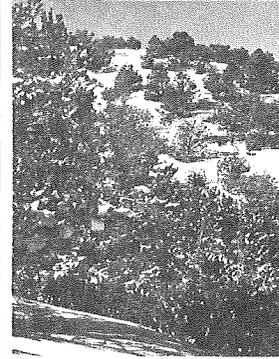
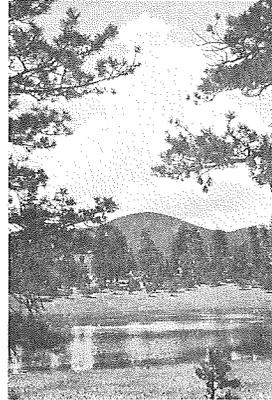
Technical Notes Woodland Conservation



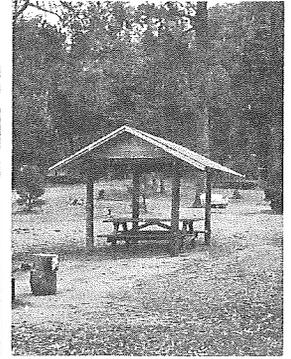
FOREST MANAGEMENT



WINDBREAKS



WATERSHEDS



FOREST RECREATION

U. S. DEPARTMENT OF AGRICULTURE NEW MEXICO SOIL CONSERVATION SERVICE

WOODLAND TECHNICAL NOTE NO. 32

May 22, 1978

SUBJECT: Relationship Between Site Index and Cubic Foot Production

We are often asked about the relationship between site index and cubic foot growth per acre. The table attached shows the relationship between these two on several of our common species in the Rocky Mountain area. The relationship between site index and cubic foot growth per acre becomes more important to us as more and more of our soil surveys are being written with the growth potential being expressed in cubic feet rather than site index as it was in the past.

Attachment

AO
WTSC, Portland - 2
Adjoining States - 1

SITE INDEX VALUES WHICH CORRESPOND TO
CUBIC FOOT PER ACRE GROWTH RATES (MAI)
WESTERN SPECIES

Cu. Ft. AC/YR.	Cotton wood	T.B. 201 Douglas Fir	Int. DF	T.B. 630 Ponderosa Pine	T.B. 544 Spruce Hemlock	Pinyon	LPP	Dept. Bul 291 Aspen	Englewood Spruce
10						<BA of 100			
20						>BA of 100			40
25							40		
30		60	26	40				50	50
40		68	44	52			50	73	60
50	60	75		62			60	81	70
55									80
60	70	82		72			70		
70	80	89	59	80	62		80		90
80		96		86	72				100
90	90	104		92	80				
100		111		98	87				
110	100								
120		124		109	100				
140		138	86	120	111				
160		154		128	122				
180		170		137	131				
200		191		146	140				
220		212		154	150				
240		233		163	160				
260					172				
280					186				
300					200				