

Table E1. - Forest Productivity

Powhatan County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
1B:				
Abell	loblolly pine	90	129	black walnut
	northern red oak	80	57	loblolly pine
	shortleaf pine	80	129	yellow-poplar
	Virginia pine	80	114	
	yellow-poplar	90	86	
Chewacla	---	---	---	---
Partlow	---	---	---	---
2B:				
Altavista	American beech	---	0	loblolly pine
	loblolly pine	91	129	
	longleaf pine	87	114	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	white oak	77	57	
	yellow-poplar	---	0	
3B:				
Appling	hickory	---	0	loblolly pine
	loblolly pine	84	114	shortleaf pine
	scarlet oak	74	57	
	shortleaf pine	65	100	
	southern red oak	---	0	
	sweetgum	---	0	
	Virginia pine	74	114	
	white oak	64	43	
	yellow-poplar	88	86	
	Partlow	---	---	---
3C:				
Appling	hickory	---	0	loblolly pine
	loblolly pine	84	114	shortleaf pine
	scarlet oak	74	57	
	shortleaf pine	65	100	
	southern red oak	---	0	
	sweetgum	---	0	
	Virginia pine	74	114	
	white oak	64	43	
	yellow-poplar	88	86	

Table E1. - Forest Productivity - Continued

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	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
3C:				
Chewacla	---	---	---	---
Partlow	---	---	---	---
4:				
Augusta	American beech	---	0	American sycamore
	American sycamore	90	100	cherrybark oak
	loblolly pine	90	129	loblolly pine
	red maple	---	0	sweetgum
	shortleaf pine	---	0	yellow-poplar
	southern red oak	80	57	
	sweetgum	90	100	
	water oak	---	0	
	white oak	80	57	
	yellow-poplar	---	0	
5B:				
Buncombe	American sycamore	---	0	American sycamore
	elm	---	0	eastern white pine
	hickory	---	0	loblolly pine
	loblolly pine	90	129	yellow-poplar
	northern red oak	---	0	
	river birch	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	yellow-poplar	100	114	
6B2:				
Cecil	loblolly pine	83	114	loblolly pine
	northern red oak	81	57	shortleaf pine
	post oak	72	57	
	scarlet oak	81	57	
	shortleaf pine	69	114	
	southern red oak	79	57	
	sweetgum	76	72	
	Virginia pine	71	114	
	white oak	79	57	
	yellow-poplar	92	86	
6C2:				

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
6C2:				
Cecil	loblolly pine	83	114	loblolly pine shortleaf pine
	northern red oak	81	57	
	post oak	72	57	
	scarlet oak	81	57	
	shortleaf pine	69	114	
	southern red oak	79	57	
	sweetgum	76	72	
	Virginia pine	71	114	
	white oak	79	57	
	yellow-poplar	92	86	
	Chewacla	---	---	---
Partlow	---	---	---	---
7:				
Chenneby	American sycamore	100	157	American sycamore loblolly pine sweetgum water oak yellow-poplar
	loblolly pine	100	157	
	sweetgum	100	143	
	water oak	100	100	
	yellow-poplar	100	129	
Forestdale	---	---	---	---
Ponded soils	---	---	---	---
8:				
Chewacla	blackgum	---	0	American sycamore loblolly pine sweetgum yellow-poplar
	eastern cottonwood	---	0	
	green ash	---	0	
	loblolly pine	95	143	
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	97	129	
	water oak	80	72	
	willow oak	---	0	
	yellow-poplar	95	100	
	Ponded soils	---	---	
Forestdale	---	---	---	---
9B:				

Table E1. - Forest Productivity - Continued

Powhatan County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
9B:				
Creedmoor	loblolly pine	87	129	loblolly pine
	red maple	---	0	
	shortleaf pine	---	0	
	sweetgum	---	0	
	Virginia pine	64	100	
	water oak	---	0	
	yellow-poplar	97	100	
Partlow	---	---	---	---
10A:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
10B:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
10C:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
11B:				
Enon	hickory	---	0	loblolly pine
	loblolly pine	73	100	
	northern red oak	---	0	
	shortleaf pine	63	100	
	sweetgum	87	100	
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	88	86	
11C:				

Table E1. - Forest Productivity - Continued

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
11C:				
Enon	hickory	---	0	loblolly pine
	loblolly pine	73	100	
	northern red oak	---	0	
	shortleaf pine	63	100	
	sweetgum	87	100	
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	88	86	
12:				
Forestdale	cherrybark oak	94	129	American sycamore
	eastern cottonwood	100	129	eastern cottonwood
	green ash	78	43	green ash
	Nuttall oak	99	0	Nuttall oak
	sweetgum	100	143	sweetgum
	water oak	90	86	
	willow oak	94	86	
Ponded soils	---	---	---	---
13B:				
Helena	black oak	---	0	loblolly pine
	hickory	---	0	yellow-poplar
	loblolly pine	84	114	
	northern red oak	---	0	
	shortleaf pine	66	100	
	southern red oak	---	0	
	sweetgum	---	0	
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	---	0	
Enon	hickory	---	0	loblolly pine
	loblolly pine	73	100	
	northern red oak	---	0	
	shortleaf pine	63	100	
	sweetgum	87	100	
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	88	86	

14B:

Table E1. - Forest Productivity - Continued

Powhatan County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
14B: Kempsville	loblolly pine	80	114	loblolly pine
	southern red oak	70	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	80	72	
15B: Mayodan	black oak	---	0	loblolly pine
	hickory	---	0	
	loblolly pine	87	129	
	shortleaf pine	70	114	
	southern red oak	---	0	
	sweetgum	---	0	
	Virginia pine	60	86	
	white oak	54	43	
	yellow-poplar	---	0	
15C: Mayodan	black oak	---	0	loblolly pine
	hickory	---	0	
	loblolly pine	87	129	
	shortleaf pine	70	114	
	southern red oak	---	0	
	sweetgum	---	0	
	Virginia pine	60	86	
	white oak	54	43	
	yellow-poplar	---	0	
Partlow	---	---	---	---
16C: Pacolet	hickory	---	0	eastern white pine loblolly pine shortleaf pine yellow-poplar
	loblolly pine	78	114	
	northern red oak	---	0	
	shortleaf pine	70	114	
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	90	86	
Partlow	---	---	---	---
16D:				

Table E1. - Forest Productivity - Continued

Powhatan County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
16D:				
Pacolet	hickory	---	0	eastern white pine
	loblolly pine	78	114	loblolly pine
	northern red oak	---	0	shortleaf pine
	shortleaf pine	70	114	yellow-poplar
	Virginia pine	---	0	
	white oak	---	0	
	yellow-poplar	90	86	
17D3:				
Pacolet	loblolly pine	70	86	eastern white pine
	shortleaf pine	60	86	loblolly pine
	yellow-poplar	80	72	shortleaf pine yellow-poplar
17E3:				
Pacolet	loblolly pine	70	86	eastern white pine
	shortleaf pine	60	86	loblolly pine
	yellow-poplar	80	72	shortleaf pine yellow-poplar
18B3:				
Pacolet	loblolly pine	70	86	eastern white pine
	shortleaf pine	60	86	loblolly pine
	yellow-poplar	80	72	shortleaf pine yellow-poplar
18C3:				
Pacolet	loblolly pine	70	86	eastern white pine
	shortleaf pine	60	86	loblolly pine
	yellow-poplar	80	72	shortleaf pine yellow-poplar
19:				
Partlow	loblolly pine	78	114	loblolly pine
	maple	---	0	sweetgum
	sweetgum	75	72	yellow-poplar
	water oak	---	0	
	willow oak	---	0	
	yellow-poplar	80	72	
20:				
Pits	---	---	---	---
21B:				

Table E1. - Forest Productivity - Continued

Powhatan County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
21B:				
Poindexter	loblolly pine	70	86	loblolly pine
	shortleaf pine	60	86	shortleaf pine
	southern red oak	60	43	
	Virginia pine	65	100	
21C:				
Poindexter	loblolly pine	70	86	loblolly pine
	shortleaf pine	60	86	shortleaf pine
	southern red oak	60	43	
	Virginia pine	65	100	
21D:				
Poindexter	loblolly pine	70	86	loblolly pine
	shortleaf pine	60	86	shortleaf pine
	southern red oak	60	43	
	Virginia pine	65	100	
21E:				
Poindexter	loblolly pine	70	86	loblolly pine
	shortleaf pine	60	86	shortleaf pine
	southern red oak	60	43	
	Virginia pine	65	100	
22:				
Toccoa	loblolly pine	90	129	American sycamore
	southern red oak	---	0	cherrybark oak
	sweetgum	100	143	loblolly pine
	yellow-poplar	107	114	yellow-poplar
23B:				
Trenholm	northern red oak	60	43	loblolly pine
	southern red oak	60	43	
	Virginia pine	75	114	
	white oak	60	43	
23C:				
Trenholm	northern red oak	60	43	loblolly pine
	southern red oak	60	43	
	Virginia pine	75	114	
	white oak	60	43	
24A:				

Table E1. - Forest Productivity - Continued

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	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
24A:				
Turbeville	loblolly pine	80	114	loblolly pine
	shortleaf pine	70	114	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	84	86	
24B2:				
Turbeville	loblolly pine	80	114	loblolly pine
	shortleaf pine	70	114	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	84	86	
25C:				
Turbeville	loblolly pine	80	114	loblolly pine
	shortleaf pine	70	114	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	84	86	
Partlow	---	---	---	---
25D:				
Turbeville	loblolly pine	80	114	loblolly pine
	shortleaf pine	70	114	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	84	86	
26:				
Udorthents	---	---	---	---
27B:				
Wedowee	loblolly pine	80	114	loblolly pine
	northern red oak	70	57	shortleaf pine
	shortleaf pine	70	114	Virginia pine
	southern red oak	70	57	yellow-poplar
	Virginia pine	70	114	
	white oak	65	43	
27C:				

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	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
27C:				
Wedowee	loblolly pine	80	114	loblolly pine
	northern red oak	70	57	shortleaf pine
	shortleaf pine	70	114	Virginia pine
	southern red oak	70	57	yellow-poplar
	Virginia pine	70	114	
	white oak	65	43	
Partlow	---	---	---	---
27D:				
Wedowee	loblolly pine	80	114	loblolly pine
	northern red oak	70	57	shortleaf pine
	shortleaf pine	70	114	Virginia pine
	southern red oak	70	57	yellow-poplar
	Virginia pine	70	114	
	white oak	65	43	
Partlow	---	---	---	---
DAM:				
Dam	---	---	---	---
W:				
Water	---	---	---	---