

Table E1. - Forest Productivity

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
1B:				
Appling	Hickory	---	0	Loblolly Pine Shortleaf Pine
	Loblolly Pine	84	114	
	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	
1C:				
Appling	Hickory	---	0	Loblolly Pine Shortleaf Pine
	Loblolly Pine	84	114	
	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	---	---	---	---
2B:				
Buncombe	American Sycamore	---	0	American Sycamore Eastern White Pine Loblolly Pine Yellow-Poplar
	Elm	---	0	
	Hickory	---	0	
	Loblolly Pine	90	129	
	Northern Red Oak	---	0	
	River Birch	---	0	
	Southern Red Oak	---	0	
	Sweetgum	---	0	
	Yellow-Poplar	100	114	
3B:				
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		

3C:

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
3C:				
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	
Partlow	---	---	---	---
4A:				
Chastain	Baldcypress	---	0	Baldcypress
	Sweetgum	95	114	Sweetgum
	Water Oak	---	0	
	Water Tupelo	---	0	
5A:				
Chewacla	Blackgum	---	0	American Sycamore
	Eastern Cottonwood	---	0	Loblolly Pine
	Green Ash	---	0	Sweetgum
	Loblolly Pine	95	143	Yellow-Poplar
	Red Maple	---	0	
	Southern Red Oak	---	0	
	Sweetgum	97	129	
	Water Oak	80	72	
	Willow Oak	---	0	
	Yellow-Poplar	95	100	
Chastain	---	---	---	---
6B:				
Cid	Black Oak	---	0	Loblolly Pine
	Blackgum	---	0	Shortleaf Pine
	Loblolly Pine	---	0	
	Scarlet Oak	---	0	
	Shortleaf Pine	56	86	
	Southern Red Oak	---	0	
	Sweetgum	---	0	
	Virginia Pine	---	0	
	White Oak	52	29	
	Willow Oak	---	0	
Partlow	---	---	---	---

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
6C:				
Cid	Black Oak	---	0	Loblolly Pine
	Blackgum	---	0	Shortleaf Pine
	Loblolly Pine	---	0	
	Scarlet Oak	---	0	
	Shortleaf Pine	56	86	
	Southern Red Oak	---	0	
	Sweetgum	---	0	
	Virginia Pine	---	0	
	White Oak	52	29	
	Willow Oak	---	0	
Partlow	---	---	---	---
7B:				
Colfax	Loblolly Pine	80	114	Loblolly Pine
	Red Maple	65	43	Virginia Pine
	Shortleaf Pine	70	114	
	Sweetgum	80	86	
	Yellow-Poplar	80	72	
Partlow	---	---	---	---
8B:				
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	
Wet Areas	---	---	---	---
9A:				
Dogue	Loblolly Pine	90	129	Loblolly Pine
	Southern Red Oak	80	57	
	Sweetgum	90	100	
	White Oak	80	57	
	Yellow-Poplar	93	100	
Roanoke	---	---	---	---
9B:				

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
9B:				
Dogue	Loblolly Pine	90	129	Loblolly Pine
	Southern Red Oak	80	57	
	Sweetgum	90	100	
	White Oak	80	57	
	Yellow-Poplar	93	100	
Roanoke	---	---	---	---
10B:				
Georgeville	Loblolly Pine	81	114	Black Walnut
	Longleaf Pine	67	72	Eastern Redcedar
	Scarlet Oak	70	57	Loblolly Pine
	Shortleaf Pine	63	100	Virginia Pine
	Southern Red Oak	67	43	Yellow-Poplar
	White Oak	69	57	
Partlow	---	---	---	---
10C:				
Georgeville	Loblolly Pine	81	114	Black Walnut
	Longleaf Pine	67	72	Eastern Redcedar
	Scarlet Oak	70	57	Loblolly Pine
	Shortleaf Pine	63	100	Virginia Pine
	Southern Red Oak	67	43	Yellow-Poplar
	White Oak	69	57	
Partlow	---	---	---	---
11B:				
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	
Partlow	---	---	---	---
11C:				

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
11C:				
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	
Partlow	---	---	---	---
12B:				
Herndon	Loblolly Pine	80	114	Loblolly Pine
	Shortleaf Pine	61	86	Yellow-Poplar
	Southern Red Oak	72	57	
	White Oak	65	43	
	Yellow-Poplar	91	86	
Partlow	---	---	---	---
12C:				
Herndon	Loblolly Pine	80	114	Loblolly Pine
	Shortleaf Pine	61	86	Yellow-Poplar
	Southern Red Oak	72	57	
	White Oak	65	43	
	Yellow-Poplar	91	86	
Partlow	---	---	---	---
13B:				
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	

13C:

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
13C:				
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	---	---	---	---
14D:				
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	
Partlow	---	---	---	---
14E:				
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	
15C3:				
Pacolet	Loblolly Pine	70	86	Eastern White Pine
	Shortleaf Pine	60	86	Loblolly Pine
	Yellow-Poplar	80	72	Shortleaf Pine
				Yellow-Poplar
Partlow	---	---	---	---
15D3:				
Pacolet	Loblolly Pine	70	86	Eastern White Pine
	Shortleaf Pine	60	86	Loblolly Pine
	Yellow-Poplar	80	72	Shortleaf Pine
				Yellow-Poplar
Partlow	---	---	---	---

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
16A:				
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	
17A:				
Roanoke	Sweetgum	90	100	Sweetgum
	White Oak	75	57	
	Willow Oak	76	57	
18B:				
State	American Beech	---	0	Black Walnut
	Hickory	---	0	Loblolly Pine
	Loblolly Pine	86	129	Yellow-Poplar
	Southern Red Oak	85	72	
	Virginia Pine	85	129	
	White Oak	---	0	
	Yellow-Poplar	100	114	
Roanoke	---	---	---	---
19A:				
Toccoa	Loblolly Pine	90	129	American Sycamore
	Southern Red Oak	---	0	Cherrybark Oak
	Sweetgum	100	143	Loblolly Pine
	Yellow-Poplar	107	114	Yellow-Poplar
20C:				
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	---	---	---	---
20D:				
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	

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
20D: Partlow	---	---	---	---
20E: 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	
21B: 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	
Poindexter	Loblolly Pine	70	86	Loblolly Pine
	Shortleaf Pine	60	86	Shortleaf Pine
	Southern Red Oak	60	43	
	Virginia Pine	65	100	
21C: 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	
Poindexter	Loblolly Pine	70	86	Loblolly Pine
	Shortleaf Pine	60	86	Shortleaf Pine
	Southern Red Oak	60	43	
	Virginia Pine	65	100	
Partlow	---	---	---	---
21D: 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	

Table E1. - Forest Productivity - Continued

Amelia County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
21D:				
Poindexter	Loblolly Pine	70	86	Loblolly Pine
	Shortleaf Pine	60	86	Shortleaf Pine
	Southern Red Oak	60	43	
	Virginia Pine	65	100	
Partlow	---	---	---	---
21E:				
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	
Poindexter	Loblolly Pine	70	86	Loblolly Pine
	Shortleaf Pine	60	86	Shortleaf Pine
	Southern Red Oak	60	43	
	Virginia Pine	65	100	
22B:				
Winnsboro	Loblolly Pine	73	100	Eastern Redcedar
	Post Oak	55	43	Loblolly Pine
	Red Maple	70	43	
	Shortleaf Pine	63	100	
	Southern Red Oak	84	72	
	Sweetgum	78	72	
	Virginia Pine	63	100	
	White Oak	69	57	
	Yellow-Poplar	88	86	
22C:				
Winnsboro	Loblolly Pine	73	100	Eastern Redcedar
	Post Oak	55	43	Loblolly Pine
	Red Maple	70	43	
	Shortleaf Pine	63	100	
	Southern Red Oak	84	72	
	Sweetgum	78	72	
	Virginia Pine	63	100	
	White Oak	69	57	
	Yellow-Poplar	88	86	
W:				
Water	---	---	---	---