

Table E1. - Forest Productivity

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
1A:				
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	
Tomotley	---	---	---	
2A:				
Augusta	American beech	---	0	American sycamore cherrybark oak loblolly pine sweetgum yellow-poplar
	American sycamore	90	100	
	loblolly pine	90	129	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	80	57	
	sweetgum	90	100	
	water oak	---	0	
	white oak	80	57	
	yellow-poplar	---	0	
Tomotley	---	---	---	
3A:				
Bethera	cypress	---	0	sweetgum
	sweetgum	95	114	
	water oak	---	0	
4A:				
Bibb	Atlantic white cedar	---	0	eastern cottonwood loblolly pine sweetgum yellow-poplar
	blackgum	---	0	
	loblolly pine	100	157	
	sweetgum	90	100	
	water oak	90	86	
	yellow-poplar	---	0	
5A:				
Bojac	loblolly pine	80	114	loblolly pine sweetgum
	southern red oak	70	57	
	sweetgum	80	86	
	Virginia pine	75	114	
	white oak	---	0	

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
5B:				
Bojac	loblolly pine	80	114	loblolly pine sweetgum
	southern red oak	70	57	
	sweetgum	80	86	
	Virginia pine	75	114	
	white oak	---	0	
6B:				
Caroline	loblolly pine	76	100	loblolly pine
	shortleaf pine	70	114	
	southern red oak	70	57	
	Virginia pine	70	114	
	white oak	75	57	
7B:				
Caroline	loblolly pine	76	100	loblolly pine
	shortleaf pine	70	114	
	southern red oak	70	57	
	Virginia pine	70	114	
	white oak	75	57	
Emporia	loblolly pine	75	100	loblolly pine sweetgum
	southern red oak	70	57	
7C:				
Caroline	loblolly pine	76	100	loblolly pine
	shortleaf pine	70	114	
	southern red oak	70	57	
	Virginia pine	70	114	
	white oak	75	57	
Emporia	loblolly pine	75	100	loblolly pine sweetgum
	southern red oak	70	57	
8B:				
Catpoint	loblolly pine	80	114	loblolly pine
	sweetgum	80	86	
	water oak	70	57	
Nimmo	---	---	---	---
9A:				
Chickahominy	loblolly pine	88	129	loblolly pine sweetgum
	red maple	---	0	
	sweetgum	95	114	
	water oak	---	0	
	willow oak	---	0	

10A:

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
10A: Chickahominy	red maple	---	0	---
	sweetgum	65	43	
	water oak	---	0	
	willow oak	---	0	
11B: Conetoe	hickory	---	0	loblolly pine
	loblolly pine	85	114	longleaf pine
	longleaf pine	---	0	
	post oak	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	white oak	---	0	
12B: Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
13C3: Craven	loblolly pine	80	114	loblolly pine
	sweetgum	---	0	
	white oak	---	0	
14B: Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
Caroline	loblolly pine	76	100	loblolly pine
	shortleaf pine	70	114	
	southern red oak	70	57	
	Virginia pine	70	114	
	white oak	75	57	
15C3: Craven	loblolly pine	80	114	loblolly pine
	sweetgum	---	0	
	white oak	---	0	

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
15C3:				
Caroline	loblolly pine	76	100	loblolly pine
	shortleaf pine	70	114	
	southern red oak	70	57	
	Virginia pine	70	114	
	white oak	75	57	
16C:				
Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
Remlik	loblolly pine	80	114	loblolly pine
	southern red oak	74	57	
	Virginia pine	74	114	
	yellow-poplar	80	72	
17C:				
Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
18A:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
18B:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
18C:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
18C:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
19A:				
Dragston	loblolly pine	86	129	loblolly pine
	southern red oak	80	57	sweetgum
	sweetgum	90	100	yellow-poplar
	white oak	---	0	
	yellow-poplar	90	86	
Nimmo	---	---	---	---
20B:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
21B:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
22B:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
23B:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
Kempsville	loblolly pine	82	114	loblolly pine
	southern red oak	74	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	82	72	
24B:				
Izagora	loblolly pine	90	129	loblolly pine
	sweetgum	90	100	sweetgum
	water oak	90	86	water oak
	yellow-poplar	100	114	yellow-poplar
25B:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
25B:				
Kempsville	loblolly pine	82	114	loblolly pine
	southern red oak	74	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	82	72	
26A:				
Lawnes	---	---	---	---
27B:				
Masada	eastern white pine	82	143	eastern white pine
	loblolly pine	80	114	loblolly pine
	shortleaf pine	85	143	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	80	72	
28B3:				
Masada	eastern white pine	82	143	eastern white pine
	loblolly pine	80	114	loblolly pine
	shortleaf pine	85	143	yellow-poplar
	southern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	80	72	
29A:				
Mattan	baldcypress	---	0	---
	green ash	---	0	
	red maple	---	0	
	sweetgum	---	0	
	water tupelo	---	0	
30A:				
Munden	loblolly pine	90	129	loblolly pine
	sweetgum	90	100	
	white oak	76	57	
Nimmo	---	---	---	---
31A:				
Nahunta	loblolly pine	87	129	loblolly pine
	southern red oak	---	0	
	sweetgum	---	0	
	white oak	---	0	
	yellow-poplar	---	0	
WET SPOTS	---	---	---	---

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
32B:				
Nansemond	loblolly pine	86	129	black walnut
	shortleaf pine	77	129	loblolly pine
	sweetgum	90	100	sweetgum
	white oak	---	0	yellow-poplar
	yellow-poplar	90	86	
WET SPOTS	---	---	---	---
33A:				
Nawney	baldcypress	---	0	water tupelo
	sweetgum	94	114	
	water oak	---	0	
	water tupelo	---	0	
34A:				
Nawney	baldcypress	---	0	---
	green ash	---	0	
	red maple	---	0	
	sweetgum	---	0	
	water tupelo	---	0	
35D:				
Nevarc	loblolly pine	77	100	loblolly pine
	southern red oak	70	57	
	sweetgum	76	72	
	white oak	70	57	
	yellow-poplar	80	72	
Remlik	loblolly pine	80	114	loblolly pine
	southern red oak	74	57	
	Virginia pine	74	114	
	yellow-poplar	80	72	
35E:				
Nevarc	loblolly pine	77	100	loblolly pine
	southern red oak	70	57	
	sweetgum	76	72	
	white oak	70	57	
	yellow-poplar	80	72	
Remlik	loblolly pine	80	114	loblolly pine
	southern red oak	74	57	
	Virginia pine	74	114	
	yellow-poplar	80	72	
35F:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
35F:				
Nevarc	loblolly pine	77	100	loblolly pine
	southern red oak	70	57	
	sweetgum	76	72	
	white oak	70	57	
	yellow-poplar	80	72	
Remlik	loblolly pine	80	114	loblolly pine
	southern red oak	74	57	
	Virginia pine	74	114	
	yellow-poplar	80	72	
36A:				
Newflat	loblolly pine	90	129	loblolly pine
	southern red oak	---	0	sweetgum
	sweetgum	95	114	
	water oak	---	0	
	white oak	---	0	
37A:				
Nimmo	loblolly pine	95	143	loblolly pine
	red maple	---	0	sweetgum
	sweetgum	95	114	
	water oak	80	72	
	white oak	80	57	
	willow oak	---	0	
	yellow-poplar	---	0	
WET SPOTS	---	---	---	---
38A:				
Pamunkey	loblolly pine	86	129	black walnut
	shortleaf pine	80	129	loblolly pine
	southern red oak	80	57	yellow-poplar
	Virginia pine	80	114	
	yellow-poplar	90	86	
38B:				
Pamunkey	loblolly pine	86	129	black walnut
	shortleaf pine	80	129	loblolly pine
	southern red oak	80	57	yellow-poplar
	Virginia pine	80	114	
	yellow-poplar	90	86	
38C:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
38C:				
Pamunkey	loblolly pine	86	129	black walnut
	shortleaf pine	80	129	loblolly pine
	southern red oak	80	57	yellow-poplar
	Virginia pine	80	114	
	yellow-poplar	90	86	
39A:				
Peawick	loblolly pine	77	100	loblolly pine
	sweetgum	---	0	
	water oak	---	0	
	white oak	---	0	
	yellow-poplar	---	0	
39B:				
Peawick	loblolly pine	77	100	loblolly pine
	sweetgum	---	0	
	water oak	---	0	
	white oak	---	0	
	yellow-poplar	---	0	
40A:				
Roanoke	sweetgum	90	100	sweetgum
	white oak	75	57	
	willow oak	76	57	
41A:				
Seabrook	American beech	---	0	loblolly pine
	loblolly pine	81	114	longleaf pine
	longleaf pine	---	0	
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	willow oak	---	0	
	yellow-poplar	---	0	
42B:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
43B:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
43B:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
44A:				
Tomotley	blackgum	---	0	loblolly pine
	loblolly pine	97	143	
	red maple	---	0	
	sweetgum	---	0	
	water oak	78	72	
	water tupelo	---	0	
	willow oak	86	86	
	yellow-poplar	---	0	
45B:				
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	
46B:				
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
47B:				
Udorthents	---	---	---	---
48B:				
Udorthents	---	---	---	---
49A:				

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
49A:				
Wickham	hickory	---	0	loblolly pine
	loblolly pine	90	129	
	northern red oak	---	0	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	82	57	
	sweetgum	---	0	
	water oak	---	0	
	white oak	84	72	
	yellow-poplar	89	86	
49B:				
Wickham	hickory	---	0	loblolly pine
	loblolly pine	90	129	
	northern red oak	---	0	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	82	57	
	sweetgum	---	0	
	water oak	---	0	
	white oak	84	72	
	yellow-poplar	89	86	
50B3:				
Wickham	loblolly pine	85	114	loblolly pine
	red maple	---	0	
	sweetgum	---	0	
	white oak	---	0	
51A:				
Yeopim	loblolly pine	91	129	American sycamore loblolly pine sweetgum yellow-poplar
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	white oak	---	0	
	yellow-poplar	---	0	
51B:				
Yeopim	loblolly pine	91	129	American sycamore loblolly pine sweetgum yellow-poplar
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	white oak	---	0	
	yellow-poplar	---	0	

W:

Table E1. - Forest Productivity - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	

W: Water	---	---	---	---
-------------	-----	-----	-----	-----