

Table E1. - Forest Productivity

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
1A:				
Aden	American sycamore	80	0	loblolly pine yellow-poplar
	shortleaf pine	70	114	
	sweetgum	80	86	
	white oak	70	57	
	yellow-poplar	80	72	
Ponded soils	---	---	---	---
2B:				
Airmont	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Weverton	chestnut oak	70	57	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
2C:				
Airmont	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Weverton	chestnut oak	70	57	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
2D:				
Airmont	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Weverton	chestnut oak	70	57	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
2E:				
Airmont	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Weverton	chestnut oak	70	57	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
3A:				
Albano	northern red oak	60	43	loblolly pine
	Virginia pine	60	86	
4B:				
Arcola	northern red oak	67	43	eastern white pine
	Virginia pine	69	114	Virginia pine
	white oak	67	43	yellow-poplar
Albano	---	---	---	---
5C:				
Arcola	northern red oak	67	43	eastern white pine
	Virginia pine	69	114	Virginia pine
	white oak	67	43	yellow-poplar
Nestoria	northern red oak	60	43	eastern white pine
	Virginia pine	60	86	Scotch pine
	white oak	60	43	
Albano	---	---	---	---
5D:				
Arcola	northern red oak	67	43	eastern white pine
	Virginia pine	69	114	Virginia pine
	white oak	67	43	yellow-poplar
Nestoria	northern red oak	60	43	eastern white pine
	Virginia pine	60	86	Scotch pine
	white oak	60	43	
Albano	---	---	---	---
6A:				
Baile	American holly	---	0	eastern white pine
	pin oak	85	57	Norway spruce
	red maple	---	0	white spruce
7A:				
Bermudian	northern red oak	85	57	black walnut
	sweetgum	95	114	eastern white pine
	yellow-poplar	95	100	European larch
				Norway spruce
				yellow-poplar
8C:				
Braddock	eastern white pine	95	172	eastern white pine
	northern red oak	80	57	yellow-poplar
	yellow-poplar	90	86	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
9B:				
Brentsville	northern red oak	67	43	eastern white pine
	Virginia pine	69	114	Scotch pine
	white oak	67	43	
Albano	---	---	---	---
9C:				
Brentsville	northern red oak	67	43	eastern white pine
	Virginia pine	69	114	Scotch pine
	white oak	67	43	
Albano	---	---	---	---
10B:				
Buckhall	loblolly pine	80	114	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	white oak	70	57	
	yellow-poplar	85	86	
10C:				
Buckhall	loblolly pine	80	114	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	white oak	70	57	
	yellow-poplar	85	86	
11B:				
Calverton	northern red oak	70	57	eastern white pine
	shortleaf pine	70	114	loblolly pine
	Virginia pine	70	114	Virginia pine
12D:				
Catlett	northern red oak	50	29	eastern white pine
	shortleaf pine	48	57	loblolly pine
	Virginia pine	52	72	shortleaf pine
				Virginia pine
Albano	---	---	---	---
13B:				
Catlett	northern red oak	60	43	eastern white pine
	shortleaf pine	58	86	loblolly pine
	Virginia pine	62	100	Virginia pine
Sycoline	northern red oak	65	43	eastern white pine
	Virginia pine	55	86	Scotch pine

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
13B: Albano	---	---	---	---
13C: Catlett	northern red oak	60	43	eastern white pine
	shortleaf pine	58	86	loblolly pine
	Virginia pine	62	100	Virginia pine
Sycoline	northern red oak	65	43	eastern white pine
	Virginia pine	55	86	Scotch pine
Albano	---	---	---	---
14A: Codorus	black walnut	100	0	black walnut
	eastern white pine	100	143	eastern white pine
	northern red oak	90	72	European larch
	sugar maple	90	57	Norway spruce
	white ash	90	72	sugar maple
	yellow-poplar	100	114	white ash yellow-poplar
Hatboro	---	---	---	---
15A: Comus	northern red oak	85	57	black walnut
	yellow-poplar	95	100	eastern white pine yellow-poplar
Hatboro	---	---	---	---
16A: Delanco	black oak	80	57	eastern white pine
	yellow-poplar	90	86	yellow-poplar
Hatboro	---	---	---	---
17A: Dulles	northern red oak	60	43	loblolly pine
	shortleaf pine	60	86	Virginia pine
	Virginia pine	60	86	
Albano	---	---	---	---
18C: Dumfries	loblolly pine	86	129	eastern white pine
	Virginia pine	76	114	loblolly pine
	white oak	76	57	yellow-poplar
	yellow-poplar	86	86	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
18D:				
Dumfries	loblolly pine	80	114	eastern white pine
	Virginia pine	70	114	loblolly pine
	white oak	70	57	
	yellow-poplar	80	72	
18E:				
Dumfries	loblolly pine	86	129	eastern white pine
	Virginia pine	76	114	loblolly pine
	white oak	76	57	yellow-poplar
	yellow-poplar	86	86	
19B:				
Elioak	black oak	80	57	eastern white pine
	shortleaf pine	70	114	loblolly pine
	Virginia pine	75	114	yellow-poplar
	yellow-poplar	90	86	
Baile	---	---	---	---
19C:				
Elioak	black oak	80	57	eastern white pine
	shortleaf pine	70	114	loblolly pine
	Virginia pine	75	114	yellow-poplar
	yellow-poplar	90	86	
Baile	---	---	---	---
20B:				
Elsinboro	black oak	80	57	eastern white pine
	eastern white pine	---	0	loblolly pine
	hickory	---	0	yellow-poplar
	northern red oak	---	0	
	red maple	---	0	
	shortleaf pine	---	0	
	Virginia pine	80	114	
	white oak	---	0	
	yellow-poplar	90	86	
Hatboro	---	---	---	---
21B:				
Fairfax	northern red oak	70	57	eastern white pine
	shortleaf pine	70	114	loblolly pine
	Virginia pine	70	114	
	yellow-poplar	80	72	
21C:				

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
21C:				
Fairfax	northern red oak	70	57	eastern white pine
	shortleaf pine	70	114	loblolly pine
	Virginia pine	70	114	
	yellow-poplar	80	72	
22A:				
Featherstone	red maple	---	0	sweetgum
	sweetgum	75	72	
Ponded soils	---	---	---	---
23C:				
Gaila	northern red oak	70	57	eastern white pine
	shortleaf pine	80	129	loblolly pine
	Virginia pine	80	114	shortleaf pine
	yellow-poplar	80	114	
23D:				
Gaila	northern red oak	70	57	eastern white pine
	shortleaf pine	80	129	loblolly pine
	Virginia pine	80	114	shortleaf pine
	yellow-poplar	80	114	
23E:				
Gaila	---	---	---	---
24B:				
Glenelg	black oak	78	57	black walnut
	hickory	75	0	eastern white pine
	red maple	---	0	Japanese larch
	shortleaf pine	70	114	shortleaf pine
	Virginia pine	70	114	Virginia pine
	white oak	75	57	yellow-poplar
	yellow-poplar	87	86	
Buckhall	loblolly pine	80	114	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	white oak	70	57	
	yellow-poplar	85	86	
24C:				

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
24C:				
Glenelg	black oak	78	57	black walnut
	hickory	75	0	eastern white pine
	red maple	---	0	Japanese larch
	shortleaf pine	70	114	shortleaf pine
	Virginia pine	70	114	Virginia pine
	white oak	75	57	yellow-poplar
	yellow-poplar	87	86	
Buckhall	loblolly pine	80	114	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	white oak	70	57	
	yellow-poplar	85	86	
24D:				
Glenelg	black oak	78	57	black walnut
	hickory	75	0	eastern white pine
	red maple	---	0	Japanese larch
	shortleaf pine	70	114	shortleaf pine
	Virginia pine	70	114	Virginia pine
	white oak	75	57	yellow-poplar
	yellow-poplar	87	86	
Buckhall	loblolly pine	80	114	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	white oak	70	57	
	yellow-poplar	85	86	
25A:				
Glenville	northern red oak	80	57	eastern white pine
	sugar maple	80	57	Japanese larch
	white ash	80	57	Norway spruce
	yellow-poplar	90	86	yellow-poplar
Baile	---	---	---	---
26A:				
Hatboro	American sycamore	60	43	eastern white pine
	pin oak	60	43	white spruce
	red maple	60	43	
27A:				
Hatboro	American sycamore	60	43	eastern white pine
	pin oak	60	43	white spruce
	red maple	60	43	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
27A:				
Codorus	black walnut	100	0	black walnut
	eastern white pine	100	143	eastern white pine
	northern red oak	90	72	European larch
	sugar maple	90	57	Norway spruce
	white ash	90	72	sugar maple
	yellow-poplar	100	114	white ash
				yellow-poplar
28B:				
Haymarket	loblolly pine	85	86	eastern white pine
	northern red oak	80	114	
	Virginia pine	70	114	
	yellow-poplar	70	57	
28C:				
Haymarket	loblolly pine	85	86	eastern white pine
	northern red oak	80	114	
	Virginia pine	70	114	
	yellow-poplar	70	57	
29B:				
Hoadly	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	yellow-poplar
	yellow-poplar	85	86	
30B:				
Jackland	loblolly pine	70	86	eastern white pine
	northern red oak	60	43	
	Virginia pine	60	86	
	yellow-poplar	74	57	
31B:				
Jackland	loblolly pine	70	86	eastern white pine
	northern red oak	60	43	
	Virginia pine	60	86	
	yellow-poplar	74	57	
Haymarket	loblolly pine	85	86	eastern white pine
	northern red oak	80	114	
	Virginia pine	70	114	
	yellow-poplar	70	57	
31C:				
Jackland	loblolly pine	70	86	eastern white pine
	northern red oak	60	43	
	Virginia pine	60	86	
	yellow-poplar	74	57	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
31C: Haymarket	loblolly pine	85	86	eastern white pine
	northern red oak	80	114	
	Virginia pine	70	114	
	yellow-poplar	70	57	
32A: Kelly	northern red oak	60	43	loblolly pine Virginia pine
	shortleaf pine	60	86	
	Virginia pine	60	86	
33B: Legore	black oak	75	57	eastern white pine loblolly pine Virginia pine yellow-poplar
	shortleaf pine	75	114	
	Virginia pine	75	114	
	yellow-poplar	85	86	
Oakhill	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	80	72	
33C: Legore	black oak	75	57	eastern white pine loblolly pine Virginia pine yellow-poplar
	shortleaf pine	75	114	
	Virginia pine	75	114	
	yellow-poplar	85	86	
Oakhill	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	80	72	
33D: Legore	black oak	75	57	eastern white pine loblolly pine Virginia pine yellow-poplar
	shortleaf pine	75	114	
	Virginia pine	75	114	
	yellow-poplar	85	86	
Oakhill	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	80	72	

34B:

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
34B:				
Lunt	eastern white pine	80	143	eastern white pine
	loblolly pine	80	114	loblolly pine
	northern red oak	75	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
34C:				
Lunt	eastern white pine	80	143	eastern white pine
	loblolly pine	80	114	loblolly pine
	northern red oak	75	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
34D:				
Lunt	eastern white pine	80	143	eastern white pine
	loblolly pine	80	114	loblolly pine
	northern red oak	75	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
35B:				
Manassas	northern red oak	80	57	eastern white pine
	shortleaf pine	80	129	loblolly pine
	Virginia pine	76	114	yellow-poplar
	yellow-poplar	90	86	
Albano	---	---	---	---
36D:				
Marr	loblolly pine	80	114	eastern white pine
	sweetgum	80	86	loblolly pine
	Virginia pine	70	114	sweetgum
	white oak	70	57	Virginia pine
	yellow-poplar	80	72	yellow-poplar
36E:				
Marr	loblolly pine	80	114	eastern white pine
	sweetgum	80	86	loblolly pine
	Virginia pine	70	114	sweetgum
	white oak	70	57	Virginia pine
	yellow-poplar	80	72	yellow-poplar
37A:				

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
37A: Marumsco	American beech	80	57	eastern hemlock
	northern red oak	87	86	eastern white pine
	red maple	80	57	loblolly pine
	shortleaf pine	80	129	yellow-poplar
	sweetgum	90	100	
	Virginia pine	80	114	
	yellow-poplar	80	57	
38B: Meadowville	loblolly pine	90	129	black walnut
	northern red oak	76	57	eastern white pine
	Virginia pine	80	114	loblolly pine
	yellow-poplar	90	86	yellow-poplar
Baile	---	---	---	---
39B3: Minnieville	northern red oak	70	57	eastern white pine
	shortleaf pine	70	114	yellow-poplar
	Virginia pine	80	114	
	white oak	70	57	
	yellow-poplar	70	57	
39C3: Minnieville	northern red oak	70	57	eastern white pine
	shortleaf pine	70	114	yellow-poplar
	Virginia pine	80	114	
	white oak	70	57	
	yellow-poplar	70	57	
40B: Montalto	black oak	76	57	black walnut
	eastern white pine	90	172	eastern white pine
	shortleaf pine	75	114	loblolly pine
	Virginia pine	75	114	yellow-poplar
	yellow-poplar	90	86	
40C: Montalto	black oak	76	57	black walnut
	eastern white pine	90	172	eastern white pine
	shortleaf pine	75	114	loblolly pine
	Virginia pine	75	114	yellow-poplar
	yellow-poplar	90	86	

41B:

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
41B:				
Neabsco	black oak	66	43	eastern white pine
	northern red oak	66	43	hemlock
	red maple	60	43	yellow-poplar
	Virginia pine	67	100	
	yellow-poplar	80	72	
41C:				
Neabsco	black oak	66	43	eastern white pine
	northern red oak	66	43	hemlock
	red maple	60	43	yellow-poplar
	Virginia pine	67	100	
	yellow-poplar	80	72	
42B:				
Neabsco	black oak	66	43	eastern white pine
	northern red oak	66	43	hemlock
	red maple	60	43	yellow-poplar
	Virginia pine	67	100	
	yellow-poplar	80	72	
Quantico	northern red oak	70	57	eastern white pine
	sweetgum	80	86	loblolly pine
	Virginia pine	70	114	shortleaf pine
	yellow-poplar	85	86	yellow-poplar
43D:				
Nestoria	northern red oak	60	43	eastern white pine
	Virginia pine	60	86	Scotch pine
	white oak	60	43	
Albano	---	---	---	---
43E:				
Nestoria	northern red oak	50	29	eastern white pine
	Virginia pine	50	72	Scotch pine
	white oak	50	29	Virginia pine
44D:				
Occoquan	northern red oak	62	43	eastern white pine
	Virginia pine	60	86	hemlock
	white oak	60	43	shortleaf pine
	yellow-poplar	70	57	yellow-poplar
44E:				

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
44E:				
Occoquan	northern red oak	62	43	eastern white pine
	Virginia pine	60	86	hemlock
	white oak	60	43	shortleaf pine
	yellow-poplar	70	57	yellow-poplar
45C:				
Orenda	northern red oak	70	57	eastern white pine
	shortleaf pine	63	100	yellow-poplar
	Virginia pine	74	114	
46B:				
Panorama	northern red oak	68	57	eastern white pine
	Virginia pine	70	114	Scotch pine
Albano	---	---	---	---
46C:				
Panorama	northern red oak	68	57	eastern white pine
	Virginia pine	70	114	Scotch pine
Albano	---	---	---	---
47B:				
Quantico	northern red oak	70	57	eastern white pine
	sweetgum	80	86	loblolly pine
	Virginia pine	70	114	shortleaf pine
	yellow-poplar	85	86	yellow-poplar
47C:				
Quantico	northern red oak	70	57	eastern white pine
	sweetgum	80	86	loblolly pine
	Virginia pine	70	114	shortleaf pine
	yellow-poplar	85	86	yellow-poplar
47D:				
Quantico	northern red oak	60	43	eastern white pine
	Virginia pine	75	114	loblolly pine
				shortleaf pine
48A:				
Reaville	northern red oak	80	57	eastern white pine
	Virginia pine	75	114	Virginia pine
Albano	---	---	---	---
49A:				

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
49A: Rowland	northern red oak	80	57	eastern white pine
	yellow-poplar	95	100	European larch loblolly pine Norway spruce yellow-poplar
50D: Spriggs	northern red oak	60	86	eastern white pine
	shortleaf pine	65	100	loblolly pine
	Virginia pine	60	43	yellow-poplar
50E: Spriggs	northern red oak	60	86	eastern white pine
	shortleaf pine	65	100	loblolly pine
	Virginia pine	60	43	yellow-poplar
51D: Stumptown	chestnut oak	55	43	eastern white pine
	red maple	70	43	loblolly pine
	Virginia pine	55	86	
51E: Stumptown	chestnut oak	55	43	eastern white pine
	red maple	70	43	loblolly pine
	Virginia pine	55	86	
52B: Sudley	black walnut	75	0	eastern white pine
	northern red oak	75	57	
	Virginia pine	75	114	
	white oak	75	57	
	yellow-poplar	90	86	
Oatlands	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Albano	---	---	---	---
52C: Sudley	black walnut	75	0	eastern white pine
	northern red oak	75	57	
	Virginia pine	75	114	
	white oak	75	57	
	yellow-poplar	90	86	

Table E1. - Forest Productivity - Continued

Prince William County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
52C:				
Oatlands	eastern white pine	80	143	eastern white pine
	northern red oak	70	57	
	Virginia pine	70	114	
	yellow-poplar	85	86	
Albano	---	---	---	---
53B:				
Sycoline	northern red oak	65	43	eastern white pine
	Virginia pine	55	86	Scotch pine
Kelly	northern red oak	60	43	loblolly pine
	shortleaf pine	60	86	Virginia pine
	Virginia pine	60	86	
53C:				
Sycoline	northern red oak	65	43	eastern white pine
	Virginia pine	55	86	Scotch pine
Kelly	northern red oak	60	43	loblolly pine
	shortleaf pine	60	86	Virginia pine
	Virginia pine	60	86	
54B:				
Urban land	---	---	---	---
Udorthents	---	---	---	---
55D:				
Watt	northern red oak	60	43	loblolly pine
	shortleaf pine	60	86	Virginia pine
	Virginia pine	60	86	
55E:				
Watt	northern red oak	60	43	loblolly pine
	shortleaf pine	60	86	Virginia pine
	Virginia pine	60	86	
56A:				
Waxpool	red maple	50	29	sweetgum
	sweetgum	60	57	
NS:				
Not surveyed	---	---	---	---
W:				
Water	---	---	---	---