

Fayette and Raleigh Counties, West Virginia
 Table E2.--Forestland Management and Productivity

Print date: 06/24/2002

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Trees to manage		
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber			
										cu ft/ac		
Ad: Fluvaquents-----	---	---	---	---	---	---	---	---	---	---	---	
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	
As: Ashton-----	5A	Slight	Slight	Slight	---	Severe	American sycamore--- black oak----- black walnut----- northern red oak---- white ash----- white oak----- yellow poplar-----	---	---	85	72.00	---
At: Atkins-----	5W	Slight	Severe	Moderate	---	Severe	American sycamore--- pin oak----- red maple-----	---	---	90	72.00	---
Br: Brinkerton-----	4W	Slight	Severe	Moderate	---	Severe	northern red oak---- red maple----- yellow poplar-----	---	---	77	57.00	---
CaC: Calvin-----	4R	Moderate	Moderate	Slight	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	---	---	80	57.00	---
Gilpin-----	4R	Moderate	Moderate	Slight	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	---	---	80	57.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
CaD: Calvin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	---	---	80	57.00	---

Table E2.--Forestland Management and Productivity--Continued

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber cu ft/ac	
Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- 100.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CaD3: Calvin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- 72.00	---
Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- 100.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CaE: Calvin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- ---	---
Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- 100.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CaE3: Calvin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- ---	---
Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- 100.00	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
										cu ft/ac
ClC: Clymer-----	5R	Moderate	Slight	Slight	---	Severe	black cherry----- eastern white pine-- northern red oak---- yellow poplar-----	--- --- 85 90	--- --- 72.00 ---	---
CpB: Cookport-----	4A	Slight	Slight	Slight	---	Moderate	black cherry----- eastern white pine-- northern red oak---- sugar maple----- white ash----- yellow poplar-----	--- --- 76 --- --- 90	--- --- 57.00 --- --- ---	---
Unnamed Soil-----	---	---	---	---	---	---	---	---	---	---
DbB: Dekalb-----	3F	Slight	Slight	Moderate	---	Moderate	Virginia pine----- chestnut oak----- eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- --- --- 70 --- ---	--- --- --- 57.00 --- ---	---
DbC: Dekalb-----	4R	Slight	Slight	Slight	---	Moderate	Virginia pine----- chestnut oak----- eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- --- --- 70 --- ---	--- --- --- 57.00 --- ---	---
DcD: Dekalb-----	4R	Moderate	Moderate	Moderate	---	Moderate	Virginia pine----- chestnut oak----- eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- --- --- 70 --- ---	--- --- --- 57.00 --- ---	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber			
										cu ft/ac		
DcE: Dekalb-----	4R	Severe	Severe	Moderate	---	Moderate	Virginia pine----- chestnut oak----- eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	---	---	---	---	
DsC: Dekalb-----	4F	Moderate	Moderate	Moderate	---	Moderate	Virginia pine----- chestnut oak----- northern red oak---- scarlet oak----- yellow poplar-----	---	---	70	57.00	---
Gilpin-----	4A	Moderate	Moderate	Moderate	---	Moderate	black cherry----- black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	---	---	80	57.00	---
DsE: Dekalb-----	4R	Severe	Severe	Moderate	---	Moderate	Virginia pine----- chestnut oak----- northern red oak---- scarlet oak----- yellow poplar-----	---	---	70	57.00	---
Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	---	---	80	57.00	---
DsF: Dekalb-----	4R	Severe	Severe	Moderate	---	Moderate	Virginia pine----- chestnut oak----- northern red oak---- scarlet oak----- yellow poplar-----	---	---	70	57.00	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber			
										cu ft/ac		
Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	---	---	---	---	
ErB: Ernest-----	5A	Slight	Slight	Slight	---	Severe	black cherry----- eastern white pine-- northern red oak---- sugar maple----- yellow poplar-----	---	---	85	72.00	---
Lickdale-----	---	---	---	---	---	---	---	---	---	---	---	---
ErC: Ernest-----	5R	Moderate	Moderate	Moderate	---	Severe	black cherry----- eastern white pine-- northern red oak---- sugar maple----- yellow poplar-----	---	---	85	72.00	---
EsC: Ernest-----	5A	Moderate	Moderate	Moderate	---	Severe	black cherry----- eastern white pine-- northern red oak---- sugar maple----- yellow poplar-----	---	---	85	72.00	---
Shelocta-----	5A	Moderate	Moderate	Moderate	---	Severe	black cherry----- black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	---	---	90	72.00	---
EsE: Ernest-----	5R	Severe	Severe	Moderate	---	Severe	black cherry----- eastern white pine-- northern red oak---- sugar maple----- yellow poplar-----	---	---	85	72.00	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Shelocta-----	5R	Severe	Severe	Moderate	---	Severe	black cherry----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 90 --- 99	--- --- 72.00 --- ---	---
G1B: Gilpin-----	4A	Slight	Slight	Slight	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
G1C: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
G1C3: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
G1D: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
G1D3: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber cu ft/ac	
GlE: Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
GlE3: Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
GlF: Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
GlF3: Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- --- 80 --- 90	--- --- 57.00 --- ---	---
Gr: Fluents-----	---	---	---	---	---	---	---	---	---	---
La: Landes-----	5A	Slight	Slight	Slight	---	Severe	American sycamore--- black walnut----- northern red oak---- yellow poplar-----	--- --- 85 95	--- --- 72.00 ---	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
Lc: Lickdale-----	5W	Slight	Severe	Severe	---	Severe	eastern white pine-- pin oak----- red maple-----	--- 85 ---	--- 72.00 ---	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
										cu ft/ac
MgB: Monongahela-----	4A	Slight	Slight	Slight	---	Moderate	eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- 80 --- 90	--- 57.00 --- ---	---
MkC: Muskingum-----	4R	Moderate	Moderate	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MkC3: Muskingum-----	4A	Moderate	Moderate	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MkD: Muskingum-----	4R	Severe	Moderate	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MkD3: Muskingum-----	4R	Moderate	Moderate	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MkE: Muskingum-----	4R	Severe	Severe	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MkE3: Muskingum-----	4R	Severe	Severe	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
										cu ft/ac
MkF: Muskingum-----	4R	Severe	Severe	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MnE: Muskingum-----	4R	Severe	Severe	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
MnF: Muskingum-----	4R	Severe	Severe	Moderate	---	Moderate	eastern white pine-- northern red oak---- scarlet oak----- yellow poplar-----	--- 80 --- 97	--- 57.00 --- ---	---
Ph: Philo-----	5A	Slight	Slight	Slight	---	Severe	American sycamore--- eastern white pine-- northern red oak---- white ash----- white oak----- yellow poplar-----	--- --- 86 --- --- 102	--- --- 72.00 --- --- ---	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
Po: Pope-----	5A	Slight	Slight	Slight	---	Severe	American sycamore--- northern red oak---- white ash----- yellow poplar-----	--- 85 --- 96	--- 72.00 --- ---	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
RaB: Rayne-----	5A	Slight	Slight	Slight	---	Severe	black cherry----- black oak----- eastern white pine-- northern red oak---- yellow poplar-----	--- --- --- 85 90	--- --- --- 72.00 ---	---

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
SuB: Summers-----	4F	Slight	Slight	Slight	---	Moderate	black cherry----- black locust----- eastern white pine-- northern red oak----	--- --- --- 70	--- --- --- 57.00	---
U: Urban Areas-----	---	---	---	---	---	---	---	---	---	---
w: Water-----	---	---	---	---	---	---	---	---	---	---
WhB: Wharton-----	4A	Slight	Slight	Slight	---	Moderate	black oak----- northern red oak---- yellow poplar-----	--- 76 90	--- 57.00 86.00	---
WhC: Wharton-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- yellow poplar-----	--- 76 90	--- 57.00 86.00	---
WhC3: Wharton-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- yellow poplar-----	--- 76 90	--- 57.00 86.00	---