Map symbol and soil name	Potential productivity: Common trees	Age Base (years)	Site index	Annual production	Units	Trees to manage
At:						
Atkins	American sycamore		---	0	cu.ft./ac.(CMAI)	---
	blackgum		---	0	cu.ft./ac.(CMAI)	
	pin oak		100	72	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	river birch		---	0	cu.ft./ac.(CMAI)	
BeC:						
Buchanan	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Ernest	black cherry		80	57	cu.ft./ac.(CMAI)	---
	black walnut		---	0	cu.ft./ac.(CMAI)	
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
---	---		---	---		---
BeD:						
Buchanan	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Ernest	black cherry		80	57	cu.ft./ac.(CMAI)	---
	black walnut		---	0	cu.ft./ac.(CMAI)	
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
Ch:						
Chavies	black walnut		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
DaC:						
Dekalb	black cherry		88	57	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	white ash		80	100	cu.ft./ac.(CMAI)	
DaD:						
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
DaE:						
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
DaF:						
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
DmC:						
Dekalb	black cherry		88	57	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	white ash		80	100	cu.ft./ac.(CMAI)	

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity: Common trees	Age Base (years)	Site index	Annual production	Units	Trees to manage
DmE:						
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
DmF:						
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
EnB:						
Ernest	black cherry		80	57	cu.ft./ac.(CMAI)	---
	black walnut		---	0	cu.ft./ac.(CMAI)	
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
EnC:						
Ernest	black cherry		80	57	cu.ft./ac.(CMAI)	---
	black walnut		---	0	cu.ft./ac.(CMAI)	
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
EnD:						
Ernest	black cherry		80	57	cu.ft./ac.(CMAI)	---
	black walnut		---	0	cu.ft./ac.(CMAI)	
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
Fu:						
Fluvaquents	---		---	---		---
Udifluvents	---		---	---		---
Other soils	---		---	---		---
Atkins	---		---	---		---
GaB:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GaC:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GaD:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GbC:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity: Common trees	Age Base (years)	Site index	Annual production	Units	Trees to manage
GbD:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GbE:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GbF:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GcC:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GcE:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GcF:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
GdE:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	57	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
GdF:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Dekalb	black cherry		95	57	cu.ft./ac.(CMAI)	---
	northern red oak		76	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		93	100	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
GkC:						
Gilpin	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Dekalb	black cherry		88	57	cu.ft./ac.(CMAI)	---

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity					Trees to manage
	Common trees	Age Base (years)	Site index	Annual production	Units	
	northern red oak----		70	57	cu.ft./ac.(CMAI)	
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white ash----------		80	100	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
GkE:						
Gilpin----------	northern red oak----		80	57	cu.ft./ac.(CMAI)	---
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	100	cu.ft./ac.(CMAI)	
Dekalb----------	black cherry--------		95	57	cu.ft./ac.(CMAI)	---
	northern red oak----		76	57	cu.ft./ac.(CMAI)	
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	57	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
GkF:						
Gilpin----------	northern red oak----		80	57	cu.ft./ac.(CMAI)	---
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	100	cu.ft./ac.(CMAI)	
Dekalb----------	black cherry--------		95	57	cu.ft./ac.(CMAI)	---
	northern red oak----		76	57	cu.ft./ac.(CMAI)	
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		93	100	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
GuC:						
Gilpin----------	black oak----------		---	0	cu.ft./ac.(CMAI)	---
	northern red oak----		80	57	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	100	cu.ft./ac.(CMAI)	
Upshur----------	black oak----------		---	0	cu.ft./ac.(CMAI)	---
	northern red oak----		65	43	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		80	72	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
GuD:						
Gilpin----------	black oak----------		---	0	cu.ft./ac.(CMAI)	---
	northern red oak----		80	57	cu.ft./ac.(CMAI)	
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	100	cu.ft./ac.(CMAI)	
Upshur----------	northern red oak----		70	57	cu.ft./ac.(CMAI)	---
	red maple----------		90	172	cu.ft./ac.(CMAI)	
	yellow-poplar-------		90	86	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
GuE:						
Gilpin----------	black oak----------		---	0	cu.ft./ac.(CMAI)	---
	northern red oak----		80	57	cu.ft./ac.(CMAI)	
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	white oak----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		95	100	cu.ft./ac.(CMAI)	
Other soils----------	---		---	---		---
Upshur----------	northern red oak----		70	57	cu.ft./ac.(CMAI)	---
	red maple----------		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar-------		90	86	cu.ft./ac.(CMAI)	

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity: Common trees	Age Base (years)	Site index	Annual production	Units	Trees to manage
GuF:						
Gilpin	black oak		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Upshur	northern red oak		70	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
GwC3:						
Gilpin	black oak		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Upshur	northern red oak		65	43	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		80	72	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
GwD3:						
Gilpin	black oak		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Upshur	northern red oak		70	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
---	---		---	---		---
GwE3:						
Gilpin	black oak		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		95	100	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Upshur	northern red oak		70	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
LyB:						
Lily	eastern white pine		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
LyC:						
Lily	eastern white pine		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	yellow-poplar		89	86	cu.ft./ac.(CMAI)	
MoB:						
Monongahela	black walnut		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	white ash		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		85	86	cu.ft./ac.(CMAI)	
MoC:						
Monongahela	black walnut		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		70	57	cu.ft./ac.(CMAI)	
	white ash		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		85	86	cu.ft./ac.(CMAI)	

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity: Common trees	Age Base (years)	Site index	Annual production	Units	Trees to manage
Oh:						
Orrville	black walnut		---	0	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	sugar maple		80	57	cu.ft./ac.(CMAI)	
	white ash		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Holly	pin oak		90	72	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
Pa:						
Philo	black oak		85	57	cu.ft./ac.(CMAI)	---
	northern red oak		86	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	white ash		85	57	cu.ft./ac.(CMAI)	
	white oak		85	57	cu.ft./ac.(CMAI)	
	yellow-poplar		102	114	cu.ft./ac.(CMAI)	
Atkins	American sycamore		---	0	cu.ft./ac.(CMAI)	---
	blackgum		---	0	cu.ft./ac.(CMAI)	
	pin oak		100	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	sweetgum		95	114	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Po:						
Pope	northern red oak		80	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		102	114	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
Tg:						
Tygart	black oak		80	57	cu.ft./ac.(CMAI)	---
	northern red oak		80	57	cu.ft./ac.(CMAI)	
	red maple		---	0	cu.ft./ac.(CMAI)	
	white ash		80	57	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Atkins	---		---	---		---
Ua:						
Udorthents	---		---	---		---
Holly	---		---	---		---
Ub:						
Udorthents	---		---	---		---
Wet minesoil	---		---	---		---
Uc:						
Udorthents	---		---	---		---
Wet minesoil	---		---	---		---
Ud:						
Udorthents	---		---	---		---
Wet minesoil	---		---	---		---
Ue:						
Udorthents	---		---	---		---
Wet minesoil	---		---	---		---

Table E1a.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity					Trees to manage
	Common trees	Age Base (years)	Site index	Annual production	Units	
Uf:						
Udorthents	---		---	---		---
Other soils	---		---	---		---
VaC:						
Vandalia	northern red oak		73	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		75	57	cu.ft./ac.(CMAI)	
Holly	---		---	---		---
VaD:						
Vandalia	northern red oak		77	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white oak		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Holly	---		---	---		---
W:						
Water	---		---	---		---
WuE:						
Westmoreland	northern red oak		81	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white ash		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Upshur	northern red oak		70	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	white ash		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
WuF:						
Westmoreland	northern red oak		81	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	
Other soils	---		---	---		---
Upshur	northern red oak		70	57	cu.ft./ac.(CMAI)	---
	red maple		---	0	cu.ft./ac.(CMAI)	
	yellow-poplar		90	86	cu.ft./ac.(CMAI)	