

HUC8_Licking_Distrib2

HUC8 Watersheds Distrib2 Output for Species Current and Potential Future Habitat and Capability

Landscape Change Research Group
Iverson, Peters, Prasad, Matthews
USFS Northern Research Station
Delaware, OH

Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCI45	ChngCI85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
hackberry	1	Celtis occidentalis	Medium	35.7	8.8	8.4	Sm. inc.	Sm. inc.	5.7	Common	Very Good	Very Good	6.4	83.2	83.2	2.03	1.72	1
yellow-poplar	1	Liriodendron tulipifera	High	62.5	8.4	93	No change	Sm. dec.	5.3	Abundant	Very Good	Good	83.1	71.5	71.5	4.53	3	2
black walnut	1	Juglans nigra	Low	87.5	6.2	92.4	Sm. inc.	No change	4	Abundant	Very Good	Good	83.3	60.3	60.3	3.58	3	3
bitternut hickory	1	Carya cordiformis	Low	69.6	5	72.6	Sm. inc.	Sm. inc.	5.6	Common	Very Good	Very Good	83.3	42.6	42.6	3	3	4
white oak	1	Quercus alba	Medium	48.2	4.7	55.9	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	80.6	31.1	31.1	3	3	5
sugar maple	1	Acer saccharum	High	100	16.1	249.3	No change	Sm. dec.	5.8	Abundant	Very Good	Good	83.3	20.4	20.4	5.93	4.03	6
mockernut hickory	1	Carya alba	Medium	12.5	1.3	9.4	No change	Sm. inc.	5.4	Common	Good	Very Good	58.5	64.2	64.2	2.99	2.61	7
boxelder	1	Acer negundo	Low	48.2	13.9	124.4	Sm. dec.	Lg. dec.	7.4	Abundant	Good	Good	83.3	62.2	62.2	3	3	8
shagbark hickory	1	Carya ovata	Medium	62.5	3.8	29.6	Sm. inc.	No change	4.4	Common	Good	Fair	83.3	58.8	58.8	3	3	9
blackgum	1	Nyssa sylvatica	Medium	37.5	2.4	28.4	No change	Sm. inc.	5.9	Common	Good	Very Good	76.5	55.4	55.4	3	3	10
Osage-orange	1	Maclura pomifera	Medium	23.2	29.4	93.6	Lg. dec.	Lg. dec.	6.3	Abundant	Good	Good	78.3	54.2	54.2	3	3	11
pignut hickory	1	Carya glabra	Medium	35.7	2.1	20.6	Sm. inc.	Sm. inc.	4.7	Common	Good	Good	75.1	49.3	49.3	2.87	3	12
northern red oak	1	Quercus rubra	Medium	94.6	6	58.8	No change	No change	5.4	Common	Good	Good	81.3	43.5	43.5	2.95	2.95	13
black oak	1	Quercus velutina	High	58.9	4.1	58.7	Sm. inc.	Sm. inc.	4.9	Common	Good	Good	80.4	39.4	39.4	3	3.74	14
American elm	1	Ulmus americana	Medium	98.2	7.4	145.7	No change	Sm. inc.	4	Abundant	Good	Very Good	83.3	31.5	31.5	4.53	5.47	15
red maple	1	Acer rubrum	High	67.9	9.8	211.4	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	83.3	24.7	24.7	4.17	3	16
silver maple	1	Acer saccharinum	Low	14.3	10.4	57.1	Lg. dec.	Lg. dec.	5.6	Common	Fair	Fair	25.6	82.5	82.5	2.16	2.41	17
shingle oak	1	Quercus imbricaria	Medium	5.4	2.7	7.7	No change	No change	4.9	Common	Fair	Fair	2.1	71.5	79.9	0	0	18
eastern hophornbeam; i	1	Ostrya virginiana	Low	5.4	7.1	34.3	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	83.3	69.5	69.5	0	3	19
honeylocust	1	Gleditsia triacanthos	Low	37.5	14.4	51.9	Sm. dec.	Sm. dec.	5.5	Common	Fair	Fair	83.3	67.1	67.1	3	3.53	20
slippery elm	1	Ulmus rubra	Low	80.4	5.5	39.6	No change	No change	4.8	Common	Fair	Fair	83.3	60.3	60.3	3	3	21
black locust	1	Robinia pseudoacacia	Low	67.9	5.8	66.7	No change	No change	3.8	Common	Fair	Fair	83.3	56.5	56.5	3	3	22
sassafras	1	Sassafras albidum	Low	48.2	4.2	56.6	No change	Sm. dec.	4.2	Common	Fair	Poor	83.3	51.4	51.4	3	3	23
green ash	1	Fraxinus pennsylvanica	Low	60.7	6	55.1	No change	Sm. inc.	4	Common	Fair	Good	83.3	46.5	46.5	3	3	24
white ash	1	Fraxinus americana	Medium	98.2	10.3	233.3	No change	No change	2.7	Abundant	Fair	Fair	83.3	25.8	25.8	4.57	3.87	25
black cherry	1	Prunus serotina	Medium	100	12.8	344.8	Sm. dec.	Lg. dec.	3	Abundant	Fair	Poor	83.3	9.4	9.4	3.09	3	26
eastern cottonwood	1	Populus deltoides	Low	1.8	5.9	5.7	Sm. dec.	No change	3.9	Common	Poor	Fair	7.3	83.2	83.3	1.09	1.42	27
black willow	0	Salix nigra	Low	0	100	96.2	Lg. dec.	Lg. dec.	2.8	Abundant	Poor	Poor	37.7	81.1	81.1	0	2.32	28
sweetgum	2	Liquidambar styraciflua	High	7.1	20	19.2	Sm. dec.	Sm. dec.	4.1	Common	Poor	Poor	18.5	80	82.3	0	2.19	29
river birch	0	Betula nigra	Low	1.8	10.5	10.1	Sm. dec.	Sm. dec.	3.7	Common	Poor	Poor	4.1	75.7	81.6	0	0	30
American hornbeam; m	0	Carpinus caroliniana	Low	8.9	1.5	10.1	Sm. dec.	Sm. dec.	5.1	Common	Poor	Poor	59.5	72.9	72.9	0	3	31
black maple	0	Acer nigrum	Low	7.1	2.5	2.4	Sm. dec.	Lg. dec.	5.2	Rare	Poor	Poor	3.2	69	78	0	0	32
sycamore	0	Platanus occidentalis	Low	37.5	8.3	70.4	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	80.3	66.6	66.6	2.96	2.96	33
American basswood	0	Tilia americana	Medium	8.9	5	7	Lg. dec.	Very Lg. dec.	4.6	Common	Poor	Lost	72.7	64.8	64.8	2.4	0	34
flowering dogwood	0	Cornus florida	Medium	16.1	1.2	11.8	Sm. dec.	Sm. dec.	5	Common	Poor	Poor	80.7	56.8	56.8	3	3	35
American beech	0	Fagus grandifolia	High	71.4	4.9	51.5	Sm. dec.	Lg. dec.	3.6	Common	Poor	Poor	83.3	47.8	47.8	3	3	36
scarlet oak	2	Quercus coccinea	Medium	1.8	4.3	4.1	Sm. dec.	Sm. dec.	4.6	Rare	Very Poor	Very Poor	2.5	83.3	83.3	1.47	1.47	37
pawpaw	0	Asimina triloba	Low	1.8	1.3	1.2	Lg. dec.	Very Lg. dec.	3.7	Rare	Very Poor	Lost	4.8	82.5	82.9	0	0	38
eastern redbud	0	Cercis canadensis	Low	1.8	4.8	4.6	Sm. dec.	Sm. dec.	4.9	Rare	Very Poor	Very Poor	27.6	80.1	80.1	2.2	2.22	39
serviceberry	0	Amelanchier spp.	Low	7.1	1.5	1.4	Sm. dec.	Very Lg. dec.	4.8	Rare	Very Poor	Lost	36.7	78.1	78.1	0	0	40
red mulberry	0	Morus rubra	Low	0	0.8	0.8	Sm. dec.	No change	4.7	Rare	Very Poor	Poor	19.6	70.1	75.8	0	0	41
Ohio buckeye	0	Aesculus glabra	Low	14.3	0.9	2.5	Sm. dec.	Sm. dec.	3.5	Rare	Very Poor	Very Poor	62.8	63.1	63.1	0	0	42
yellow buckeye	0	Aesculus flava	Low	0	23.4	22.5	Very Lg. dec.	Very Lg. dec.	3.1	Common	Lost	Lost	21.2	83.3	83.3	0	0	43
pin cherry	0	Prunus pensylvanica	Low	0	8.1	7.8	Very Lg. dec.	Lg. dec.	4.2	Common	Lost	Poor	10.9	80.8	82.8	0	0	44
eastern white pine	0	Pinus strobus	High	12.5	17	27.1	Very Lg. dec.	Very Lg. dec.	3.3	Common	Lost	Lost	67.7	71.6	71.6	0	0	45
bigtooth aspen	0	Populus grandidentata	Medium	28.6	2.6	27.8	Very Lg. dec.	Very Lg. dec.	5.1	Common	Lost	Lost	83.3	53.2	53.2	0	0	46
blue ash	0	Fraxinus quadrangulata	Low	0	0	0	Unknown	Unknown	2.7	Absent	Unknown	Unknown	0	10.9	36.9	0	0	47
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	48
pin oak	3	Quercus palustris	Low	0	0	0	New Habitat	New Habitat	2.8	Absent	New Habitat	New Habitat	2.7	82.1	83.1	0	1.32	49
Virginia pine	3	Pinus virginiana	High	0	0	0	New Habitat	New Habitat	3.8	Absent	New Habitat	New Habitat	0	80.8	82.7	0	1.01	50
chestnut oak	3	Quercus prinus	High	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	80.6	82.6	1.02	1.02	51
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	61.2	76.3	1	4	52
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	58.8	75.3	1	1	53

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chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	39.6	67.3	1	1	54
bur oak	3	Quercus macrocarpa	Medium	0	0	0	New Habitat	New Habitat	6.4	Absent	New Habitat	New Habitat	0	16.6	44.2	0	1	55
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	8.3	35	0	1.85	56
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	5.8	27.8	0	1	57
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	4.1	23.9	0	1.7	58
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	3.5	24.1	0	1.34	59
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	3.4	23.9	1.46	4.98	60
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.5	0	1.82	61
black hickory	2	Carya texana	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	0	0	0	1	62
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	2.3	0	1	63
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	1	1	1.14	64
chokecherry	0	Prunus virginiana	FIA Only	7.1	2.9	2.8	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	18.9	83.2	83.2	0	0	65
Norway spruce	0	Picea abies	FIA Only	1.8	23.4	22.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	66
Scotch pine	0	Pinus sylvestris	FIA Only	1.8	1.4	1.4	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	67
ailanthus	0	Ailanthus altissima	FIA Only	17.9	9.5	47	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	68
white mulberry	0	Morus alba	FIA Only	1.8	2.4	9.1	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	69