

HUC6_Upper Ohio-Beaver_Distrib2

HUC6 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	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
virginia pine	1	Pinus virginiana	High	0.2	22.8	0	Lg. inc.	Lg. inc.	3.8	Absent	Very Good	Very Good	2.1	71.6	86.3	1.17	1.05	1
white oak	1	Quercus alba	Medium	51.9	6.5	93.7	Lg. inc.	Sm. inc.	6.1	Abundant	Very Good	Very Good	87	67.1	67.1	4.45	3.62	2
yellow-poplar	1	Liriodendron tulipifera	High	55.2	7.1	106.5	No change	No change	5.3	Abundant	Very Good	Very Good	94.4	64.9	64.9	3.62	3	3
sugar maple	1	Acer saccharum	High	86.3	13.1	320.1	No change	No change	5.8	Abundant	Very Good	Very Good	94.3	48.4	48.4	3.78	3.49	4
northern red oak	1	Quercus rubra	Medium	85.1	6.4	160	No change	No change	5.4	Abundant	Very Good	Very Good	94.4	44.2	44.2	3	3	5
chestnut oak	1	Quercus prinus	High	7.4	5.2	10.5	No change	No change	6.1	Common	Good	Good	16	87.3	89.9	2.02	1.97	6
mockernut hickory	1	Carya alba	Medium	7.5	3.4	14.5	No change	No change	5.4	Common	Good	Good	59.1	86	86.5	2.54	2.44	7
pignut hickory	1	Carya glabra	Medium	11.8	2.7	19.6	Sm. inc.	Sm. inc.	4.7	Common	Good	Good	54.9	80.5	80.5	2.49	2.51	8
black oak	1	Quercus velutina	High	30.5	5.7	49.3	Sm. inc.	Lg. inc.	4.9	Common	Good	Very Good	69.9	78.2	78.2	2.83	4.72	9
blackgum	1	Nyssa sylvatica	Medium	28.8	3.5	36.1	No change	No change	5.9	Common	Good	Good	94.4	74.1	74.1	3	3	10
black walnut	1	Juglans nigra	Low	41.1	7.5	85.6	No change	No change	4	Abundant	Good	Good	85	69.9	69.9	2.84	2.87	11
bitternut hickory	1	Carya cordiformis	Low	40.3	3.6	43.3	No change	Sm. inc.	5.6	Common	Good	Very Good	87.2	69.7	69.7	3	2.91	12
shagbark hickory	1	Carya ovata	Medium	52.5	5.7	97	No change	Sm. dec.	4.4	Abundant	Good	Fair	90.6	62.7	62.7	2.94	2.95	13
hackberry	1	Celtis occidentalis	Medium	8.5	2.3	11.4	No change	No change	5.7	Common	Good	Good	28.8	59	73	1.85	1.84	14
American elm	1	Ulmus americana	Medium	94.5	8.6	263.7	No change	No change	4	Abundant	Good	Good	94.4	36.1	36.1	3.33	4.48	15
red maple	1	Acer rubrum	High	100	20.3	777.1	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	94.4	22.2	22.2	4.87	3.27	16
silver maple	1	Acer saccharinum	Low	5.7	16.6	44.7	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	33	89.6	89.9	2.94	2.69	17
scarlet oak	1	Quercus coccinea	Medium	4.8	2.9	9.6	No change	No change	4.6	Common	Fair	Fair	27.7	86.4	87.9	2.26	2.31	18
sycamore	1	Platanus occidentalis	Low	11.3	5.9	26.7	No change	No change	4.8	Common	Fair	Fair	52	85.9	86	2.34	2.4	19
eastern cottonwood	1	Populus deltoides	Low	4.7	5.1	9.9	No change	No change	3.9	Common	Fair	Fair	33.6	83.6	87.9	2.39	1.8	20
boxelder	1	Acer negundo	Low	16.3	7.3	41.2	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	62.6	83.5	84	2.52	2.57	21
eastern hophornbeam; i	1	Ostrya virginiana	Low	21.9	2.7	25	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	94.4	75.4	75.4	3	3	22
black maple	1	Acer nigrum	Low	3.7	3.5	7.7	Sm. dec.	No change	5.2	Common	Fair	Good	18	74.7	83.7	0	0	23
pin oak	1	Quercus palustris	Low	20	12.8	96.3	Sm. dec.	Lg. dec.	2.8	Abundant	Fair	Poor	44	73.3	77.6	3	2.66	24
sassafras	1	Sassafras albidum	Low	49.7	4.9	72.3	No change	No change	4.2	Common	Fair	Fair	94.4	67.1	67.1	3.01	3	25
Osage-orange	1	Maclura pomifera	Medium	2.3	7	10.5	Sm. dec.	Sm. dec.	6.3	Common	Fair	Fair	23.1	63.3	78.6	2.03	2.05	26
black locust	1	Robinia pseudoacacia	Low	57.7	11.4	193.9	Sm. dec.	Sm. dec.	3.8	Abundant	Fair	Fair	94.3	62	62	3.04	3.01	27
American beech	1	Fagus grandifolia	High	56.5	7.4	123.2	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	86.5	61.5	61.5	2.88	2.79	28
slippery elm	1	Ulmus rubra	Low	44.4	5	87.6	Sm. dec.	Sm. dec.	4.8	Abundant	Fair	Fair	88.8	61.5	61.5	2.9	2.91	29
sourwood	1	Oxydendrum arboreum	High	2.3	3.4	1.3	No change	Sm. dec.	6.9	Rare	Fair	Poor	4.5	59.4	79.3	1.2	1.61	30
white ash	1	Fraxinus americana	Medium	95.9	8.8	229.3	No change	No change	2.7	Abundant	Fair	Fair	94.4	42	42	3.47	3	31
black willow	0	Salix nigra	Low	6.7	21.5	70.2	No change	Sm. dec.	2.8	Common	Poor	Poor	52.1	88.8	88.8	3	2.49	32
eastern white pine	0	Pinus strobus	High	8.6	13.1	41.5	Sm. dec.	Sm. dec.	3.3	Common	Poor	Poor	57	88.5	88.5	2.82	0	33
sweet birch	0	Betula lenta	High	6.5	12.1	16.1	Sm. dec.	Sm. dec.	3.2	Common	Poor	Poor	35.8	88.1	88.5	2.83	0	34
serviceberry	0	Amelanchier spp.	Low	5.9	2.6	9.7	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	71.6	87.6	87.6	0	0	35
flowering dogwood	0	Cornus florida	Medium	4	0.9	3.4	No change	No change	5	Rare	Poor	Poor	61.1	87.3	87.3	2.8	2.8	36
yellow birch	0	Betula alleghaniensis	High	2.3	5.1	11.9	Lg. dec.	Lg. dec.	3.4	Common	Poor	Poor	29.7	86.8	89.5	0	0	37
cucumbertree	0	Magnolia acuminata	Low	11.2	3.1	18.4	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	62.9	83.7	83.7	3	0	38
American hornbeam; m	0	Carpinus caroliniana	Low	10.4	2.6	15.6	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	90.6	83.1	83.1	3	2.91	39
American basswood	0	Tilia americana	Medium	20.7	4.3	31.4	Lg. dec.	Sm. dec.	4.6	Common	Poor	Poor	85.7	80.8	80.8	3	3	40
pitch pine	0	Pinus rigida	High	1.7	7.2	2.2	No change	No change	3.8	Rare	Poor	Poor	9.8	80.5	89.6	0	0	41
bigtooth aspen	0	Populus grandidentata	Medium	19.8	7.7	64.1	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	94.4	78.5	78.5	3	0	42
quaking aspen	0	Populus tremuloides	High	14.2	5.6	30.4	Lg. dec.	Lg. dec.	4.7	Common	Poor	Poor	39	77.6	81.8	0	0	43
green ash	1	Fraxinus pennsylvanica	Low	23.8	4.4	42.4	Sm. dec.	No change	4	Common	Poor	Fair	68.9	76.3	76.3	2.85	2.66	44
shingle oak	0	Quercus imbricaria	Medium	8	3.9	19.5	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	37.6	75.7	81.5	3	1.91	45
swamp white oak	0	Quercus bicolor	Low	9.9	3.3	15.2	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	32.5	74.3	81.8	3	0	46
gray birch	0	Betula populifolia	Low	0	42.5	13	Lg. dec.	Lg. dec.	3.6	Common	Poor	Poor	16.8	63	76	0	0	47
chinkapin oak	2	Quercus muehlenbergii	Medium	0.6	2	0.8	No change	No change	4.8	Rare	Poor	Poor	3.7	30.6	51.7	1.32	1.29	48
black cherry	0	Prunus serotina	Medium	100	19.3	816.1	Lg. dec.	Lg. dec.	3	Abundant	Poor	Poor	94.4	14.5	14.5	5.17	3.31	49
eastern hemlock	0	Tsuga canadensis	High	2.9	11.2	11.9	Lg. dec.	Sm. dec.	2.7	Common	Very Poor	Poor	14	87.9	91.5	0	0	50
eastern redbud	2	Cercis canadensis	Low	0.1	3.5	0.1	Sm. dec.	Sm. dec.	4.9	Rare	Very Poor	Very Poor	8.9	77.9	89.3	1.75	1.41	51
striped maple	0	Acer pensylvanicum	Medium	0.6	3.9	1.2	Sm. dec.	Sm. dec.	5.1	Rare	Very Poor	Very Poor	4.3	74.6	87.8	0	0	52
yellow buckeye	0	Aesculus flava	Low	2.2	4.3	5	Sm. dec.	No change	3.1	Rare	Very Poor	Very Poor	23.4	69.3	83.2	0	0	53

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red mulberry	2	Morus rubra	Low	0.6	1.8	1.1	Sm. dec.	Sm. dec.	4.7	Rare	Very Poor	Very Poor	8.3	61.6	77.5	1.27	1.89	54
pawpaw	0	Asimina triloba	Low	2.2	1.4	1.7	Sm. dec.	No change	3.7	Rare	Very Poor	Poor	21.5	58.5	76.1	0	0	55
Ohio buckeye	0	Aesculus glabra	Low	1.2	3.2	3	Sm. dec.	Sm. dec.	3.5	Rare	Very Poor	Very Poor	15.8	51.3	70.9	0	0	56
pin cherry	0	Prunus pensylvanica	Low	2.2	1	0.5	Very Lg. dec.	Lg. dec.	4.2	Rare	Lost	Very Poor	16.1	92.5	93.3	0	0	57
black ash	0	Fraxinus nigra	Medium	0.6	0.9	0.5	Very Lg. dec.	Very Lg. dec.	1.7	Rare	Lost	Lost	4.4	43	66.4	0	0	58
red pine	0	Pinus resinosa	Medium	0.6	7.6	2.5	Very Lg. dec.	Very Lg. dec.	3	Rare	Lost	Lost	3.4	40.6	66.5	0	0	59
American holly	0	Ilex opaca	Medium	2.4	0.6	0	Very Lg. dec.	Very Lg. dec.	4.5	Absent	Lost	Lost	0.8	22.2	51.2	0	0	60
jack pine	0	Pinus banksiana	Medium	0	0	0	Unknown	Unknown	5.2	Absent	Unknown	Unknown	0	8.6	26.2	0	0	61
shellbark hickory	0	Carya laciniosa	Low	0.2	0	0	Unknown	Unknown	3.7	Modeled	Unknown	Unknown	0.1	5.8	19.6	0	0	62
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0	0.4	7	0	0	63
blue ash	0	Fraxinus quadrangulata	Low	0	0	0	Unknown	Unknown	2.7	Absent	Unknown	Unknown	0	0.3	6.9	0	0	64
Atlantic white-cedar	0	Chamaecyparis thyoides	Low	0	0	0	Unknown	Unknown	3	Absent	Unknown	Unknown	0	0	1.7	0	0	65
cittamwood/gum bumel	0	Sideroxylon lanuginosum ssp.	Low	0	0	0	Unknown	New Habitat	5.6	Absent	Unknown	New Habitat	0	0	0	0	0	66
loblolly-bay	0	Gordonia lasianthus	Medium	0	0	0	Unknown	Unknown	3.9	Absent	Unknown	Unknown	0	0	0.2	0	0	67
bigleaf magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	2.4	0	0	68
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	69
honeylocust	3	Gleditsia triacanthos	Low	0.6	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	32	59.3	1	1.05	70
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	26.8	59.9	1.85	3.97	71
common persimmon	3	Diospyros virginiana	Low	0.2	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	26.4	54.2	1	1	72
sweetgum	3	Liquidambar styraciflua	High	1	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	15.5	45.9	1	1.01	73
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	10.6	37.9	0	3.18	74
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	4.4	25.8	1	1.18	75
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	2	16.9	1	2.12	76
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.8	10.7	1	1.59	77
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.6	8.5	1.35	6.15	78
Shumard oak	3	Quercus shumardii	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	0.2	4.9	1	1	79
florida maple	3	Acer barbatum	Low	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	0	1.2	0	1	80
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.3	0	1	81
black hickory	0	Carya texana	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	0	0	0	0	82
sugarberry	3	Celtis laevigata	Medium	0.6	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0.5	0	1.25	83
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.9	0	2.13	84
chokecherry	0	Prunus virginiana	FIA Only	1.8	8.2	6.1	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	46.2	93	93	0	0	85
butternut	0	Juglans cinerea	FIA Only	1.9	4.2	4.2	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	22.7	83.7	89.8	NA	NA	86
northern catalpa	0	Catalpa speciosa	FIA Only	0	5.4	0	Unknown	Unknown	4.2	Absent	FIA Only	FIA Only	2.3	17.5	34.8	0	0	87
Norway spruce	0	Picea abies	FIA Only	2.2	12.8	15.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	88
Scotch pine	0	Pinus sylvestris	FIA Only	5.3	13.3	34.1	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	89
Norway maple	0	Acer platanoides	FIA Only	1.8	2.2	2.1	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	90
ailanthus	0	Ailanthus altissima	FIA Only	11.6	4.6	27.3	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	91
white mulberry	0	Morus alba	FIA Only	0	0.4	0.1	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	92