

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

Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
honeylocust	1	Gleditsia triacanthos	Low	10.9	2.3	13.5	Sm. inc.	Sm. dec.	5.5	Common	Very Good	Fair	58.2	79.2	79.9	2.81	2.7	1
blackgum	1	Nyssa sylvatica	Medium	28.1	9.3	127	No change	No change	5.9	Abundant	Very Good	Very Good	78.4	64.2	64.2	2.95	2.96	2
yellow-poplar	1	Liriodendron tulipifera	High	71.9	8.4	135.3	No change	No change	5.3	Abundant	Very Good	Very Good	88.3	50.5	50.5	4.64	3	3
white oak	1	Quercus alba	Medium	59.4	4.7	98.5	Sm. inc.	Sm. inc.	6.1	Abundant	Very Good	Very Good	75.1	48.4	48.4	3.82	2.98	4
shagbark hickory	1	Carya ovata	Medium	84.4	4.6	77.6	Sm. inc.	No change	4.4	Abundant	Very Good	Good	88.3	47.8	47.8	3	3	5
northern red oak	1	Quercus rubra	Medium	92.2	4.3	105	No change	No change	5.4	Abundant	Very Good	Very Good	86.9	44.6	44.6	2.97	2.97	6
sugar maple	1	Acer saccharum	High	100	12.8	393	No change	Sm. dec.	5.8	Abundant	Very Good	Good	88.3	20.6	20.6	4.6	5.02	7
Virginia pine	1	Pinus virginiana	High	6.3	0.6	0.6	Lg. inc.	Lg. inc.	3.8	Rare	Good	Good	7.6	69	79	1	1	8
pignut hickory	1	Carya glabra	Medium	20.3	2.2	21	Sm. inc.	No change	4.7	Common	Good	Fair	81.4	60.4	60.4	2.94	2.93	9
black oak	1	Quercus velutina	High	53.1	4.2	73.7	Sm. inc.	Lg. inc.	4.9	Common	Good	Very Good	70.3	52.9	52.9	2.8	4.21	10
green ash	1	Fraxinus pennsylvanica	Low	71.9	5.6	130.7	No change	Sm. inc.	4	Abundant	Good	Very Good	88.3	44.8	44.8	3	3.54	11
bitternut hickory	1	Carya cordiformis	Low	59.4	2.7	60.8	No change	No change	5.6	Common	Good	Good	88.3	44.4	44.4	3	3	12
black walnut	1	Juglans nigra	Low	67.2	5	109.4	No change	Sm. inc.	4	Abundant	Good	Very Good	88.3	43.5	43.5	3	3	13
American elm	1	Ulmus americana	Medium	98.4	6	197.6	No change	Sm. inc.	4	Abundant	Good	Very Good	88.3	16.1	16.1	3.09	5.4	14
red maple	1	Acer rubrum	High	98.4	14.1	528.3	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	88.3	13.4	13.4	5.46	3	15
black willow	1	Salix nigra	Low	3.1	41.4	130.4	Sm. dec.	Sm. dec.	2.8	Abundant	Fair	Fair	76.9	82.8	82.8	0	2.81	16
scarlet oak	1	Quercus coccinea	Medium	6.2	2.7	11.3	No change	No change	4.6	Common	Fair	Fair	33.4	81.3	81.5	2.78	2.59	17
Osage-orange	1	Maclura pomifera	Medium	7.8	4.7	11.4	Sm. dec.	No change	6.3	Common	Fair	Good	35.8	80.7	80.9	0	2.07	18
shingle oak	1	Quercus imbricaria	Medium	6.2	2.6	11	No change	No change	4.9	Common	Fair	Fair	18.8	79.7	82.8	0	1	19
boxelder	1	Acer negundo	Low	7.8	5.3	12.8	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	83.1	78.9	78.9	2.9	2.93	20
silver maple	1	Acer saccharinum	Low	15.6	15.1	57.2	Lg. dec.	Lg. dec.	5.6	Common	Fair	Fair	69.1	78.5	78.5	3	2.98	21
mockernut hickory	1	Carya alba	Medium	14.1	3.1	29	Sm. dec.	No change	5.4	Common	Fair	Good	67.9	71.4	71.4	2.89	2.71	22
sassafras	1	Sassafras albidum	Low	32.8	4.9	64	No change	Sm. dec.	4.2	Common	Fair	Poor	88.3	70.2	70.2	3	3	23
flowering dogwood	1	Cornus florida	Medium	12.5	1.1	8.8	No change	No change	5	Common	Fair	Fair	86.1	69.3	69.3	3	3	24
hackberry	1	Celtis occidentalis	Medium	0	0.7	3	No change	No change	5.7	Rare	Fair	Fair	41.8	69	69.5	2.42	2.11	25
swamp white oak	1	Quercus bicolor	Low	1.6	16.9	17.8	No change	Sm. dec.	4.9	Common	Fair	Poor	3.8	64.5	80.8	0	0	26
black locust	1	Robinia pseudoacacia	Low	57.8	4.4	45.4	No change	Sm. inc.	3.8	Common	Fair	Good	88.3	58	58	3	3	27
eastern hophornbeam; i	1	Ostrya virginiana	Low	34.4	2.4	29.8	Sm. dec.	Lg. dec.	6.4	Common	Fair	Fair	88.3	52	52	3	3	28
American beech	1	Fagus grandifolia	High	81.2	7.3	126	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	88.3	49.2	49.2	3	3	29
slippery elm	1	Ulmus rubra	Low	73.4	6.2	119.1	Sm. dec.	Sm. dec.	4.8	Abundant	Fair	Fair	88.3	33.2	33.2	3	3	30
white ash	1	Fraxinus americana	Medium	100	11.2	369.2	No change	No change	2.7	Abundant	Fair	Fair	88.3	25.3	25.3	3.31	3.04	31
black cherry	1	Prunus serotina	Medium	100	13.8	462.3	Sm. dec.	Lg. dec.	3	Abundant	Fair	Poor	88.3	16.7	16.7	5.57	3	32
pin oak	2	Quercus palustris	Low	7.8	55.4	58.2	No change	No change	2.8	Common	Poor	Poor	22.5	87.5	87.7	2.44	1.75	33
eastern redbud	2	Cercis canadensis	Low	1.6	1.3	1.4	No change	No change	4.9	Rare	Poor	Poor	20.9	85.1	85.4	2.45	1.8	34
cucumbertree	0	Magnolia acuminata	Low	10.9	3.1	19.9	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	49.7	81.9	81.9	0	0	35
eastern cottonwood	0	Populus deltoides	Low	6.3	6.9	28.8	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	74.2	79.5	79.5	3	2.61	36
American hornbeam; m	0	Carpinus caroliniana	Low	6.2	1.2	8.8	Sm. dec.	Sm. dec.	5.1	Common	Poor	Poor	60.8	79.3	79.3	0	3	37
Ohio buckeye	0	Aesculus glabra	Low	7.8	1.8	3.7	No change	No change	3.5	Rare	Poor	Poor	54.3	77.6	77.6	0	0	38
sycamore	1	Platanus occidentalis	Low	21.9	6.2	44.3	Sm. dec.	No change	4.8	Common	Poor	Fair	71.6	68.5	68.5	2.75	2.76	39
American basswood	0	Tilia americana	Medium	35.9	3	34.9	Lg. dec.	Lg. dec.	4.6	Common	Poor	Poor	83.4	66.5	66.5	2.79	0	40
river birch	0	Betula nigra	Low	1.6	10.5	11	Sm. dec.	Sm. dec.	3.7	Common	Poor	Poor	13.3	65.6	78.1	0	0	41
sweetgum	2	Liquidambar styraciflua	High	0	0.7	0.7	No change	No change	4.1	Rare	Poor	Poor	0.4	54.5	75.4	0	1.1	42
bur oak	2	Quercus macrocarpa	Medium	1.6	4.3	4.6	Sm. dec.	Sm. dec.	6.4	Rare	Poor	Poor	4.8	40.4	61.7	0	1	43
serviceberry	0	Amelanchier spp.	Low	6.2	1.4	2.5	Sm. dec.	Very Lg. dec.	4.8	Rare	Very Poor	Lost	67.2	78.4	78.4	0	0	44
red mulberry	0	Morus rubra	Low	0	0.8	0.8	Sm. dec.	No change	4.7	Rare	Very Poor	Poor	23.2	75.1	79.7	0	0	45
pitch pine	0	Pinus rigida	High	1.6	1.6	1.7	Sm. dec.	Very Lg. dec.	3.8	Rare	Very Poor	Lost	27.6	72.3	81.4	0	0	46
pawpaw	0	Asimina triloba	Low	1.6	1.3	1.3	Lg. dec.	Very Lg. dec.	3.7	Rare	Very Poor	Lost	12.6	70.6	81.6	0	0	47
eastern hemlock	0	Tsuga canadensis	High	7.8	3.9	8.9	Lg. dec.	Very Lg. dec.	2.7	Common	Very Poor	Lost	13.9	70.5	80.3	0	0	48
shellbark hickory	0	Carya laciniosa	Low	1.6	1.8	3.9	Sm. dec.	Sm. dec.	3.7	Rare	Very Poor	Very Poor	12.5	50.3	66	0	0	49
pin cherry	0	Prunus pensylvanica	Low	1.6	8.1	8.5	Very Lg. dec.	Very Lg. dec.	4.2	Common	Lost	Lost	18.9	82.9	87.2	0	0	50
yellow buckeye	0	Aesculus flava	Low	3.1	0.6	0.6	Very Lg. dec.	Very Lg. dec.	3.1	Rare	Lost	Lost	15.3	82.8	85	0	0	51
black ash	0	Fraxinus nigra	Medium	9.4	9.2	18.3	Very Lg. dec.	Very Lg. dec.	1.7	Common	Lost	Lost	55	76.2	76.3	0	0	52
eastern white pine	0	Pinus strobus	High	15.6	4.3	44.9	Very Lg. dec.	Very Lg. dec.	3.3	Common	Lost	Lost	63.8	75.7	75.7	0	0	53

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bigtooth aspen	0	Populus grandidentata	Medium	20.3	2.7	28.7	Very Lg. dec.	Very Lg. dec.	5.1	Common	Lost	Lost	77.1	72	72	0	0	54
black maple	0	Acer nigrum	Low	7.8	0.8	1.6	Very Lg. dec.	Very Lg. dec.	5.2	Rare	Lost	Lost	6.6	65.7	78.1	0	0	55
quaking aspen	0	Populus tremuloides	High	1.6	1.4	1.5	Very Lg. dec.	Very Lg. dec.	4.7	Rare	Lost	Lost	4.5	60.6	79	0	0	56
sweet birch	0	Betula lenta	High	18.7	0.9	1.8	Very Lg. dec.	Very Lg. dec.	3.2	Rare	Lost	Lost	15.1	56.5	70.7	0	0	57
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	58
chestnut oak	3	Quercus prinus	High	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	76.9	85.5	1.11	1.04	59
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	63.6	80.7	0	1	60
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	42.5	69.9	1.03	4	61
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	33.8	63.6	0	1	62
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	18.9	50.5	1	1	63
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	4.3	26.2	0	3.26	64
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	2.5	18.7	0	1.03	65
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	2.2	18.5	0	1	66
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	1.4	15.8	0	1.08	67
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	1	13.5	1	6.46	68
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.2	0	1	69
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	70
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	1.2	0	1	71
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.4	0	1.21	72
chokecherry	0	Prunus virginiana	FIA Only	6.2	7.5	10.5	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	40.8	85.5	85.5	0	0	73
butternut	0	Juglans cinerea	FIA Only	1.6	1.3	1.3	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	11.6	56.4	72.5	NA	NA	74
Norway spruce	0	Picea abies	FIA Only	0	0.8	0.9	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	75
Scotch pine	0	Pinus sylvestris	FIA Only	1.6	5.9	6.2	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	76
ailanthus	0	Ailanthus altissima	FIA Only	0	1	3	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	77