

HUC6_Southern Lake Erie_Distrib2

HUC6 Watersheds

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

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
white oak	1	Quercus alba	Medium	17.1	5.4	23.6	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	51.8	70.1	70.1	2.54	2.55	1
yellow-poplar	1	Liriodendron tulipifera	High	60.6	11.8	146.9	No change	No change	5.3	Abundant	Very Good	Very Good	81.9	54	54	3.3	3	2
northern red oak	1	Quercus rubra	Medium	87.8	7.6	131.9	No change	Sm. dec.	5.4	Abundant	Very Good	Good	82.4	38	38	3	3	3
sugar maple	1	Acer saccharum	High	94.9	12.3	240.6	No change	No change	5.8	Abundant	Very Good	Very Good	82.2	34.8	34.8	4.35	3.4	4
boxelder	1	Acer negundo	Low	4.3	3.2	9.3	No change	No change	7.4	Common	Good	Good	39.8	75.5	76.1	2.23	2.27	5
eastern hophornbeam; i	1	Ostrya virginiana	Low	17.2	1.6	10.3	No change	No change	6.4	Common	Good	Good	72.5	67.5	67.5	2.85	2.91	6
Osage-orange	1	Maclura pomifera	Medium	4.7	10.5	15.3	No change	Sm. dec.	6.3	Common	Good	Fair	24.4	56	67.5	2.74	2.22	7
bitternut hickory	1	Carya cordiformis	Low	55.9	5.2	54.4	No change	No change	5.6	Common	Good	Good	80.4	53.3	53.3	2.96	2.96	8
bur oak	1	Quercus macrocarpa	Medium	7.1	4.9	13	No change	No change	6.4	Common	Good	Good	13.9	46.8	60.7	1.75	1.27	9
green ash	1	Fraxinus pennsylvanica	Low	78.8	9.4	167.2	No change	No change	4	Abundant	Good	Good	82.4	33.8	33.8	3	3.95	10
American elm	1	Ulmus americana	Medium	99.7	6.9	174.1	No change	Sm. inc.	4	Abundant	Good	Very Good	82.4	21.4	21.4	3.45	5.85	11
sweetgum	1	Liquidambar styraciflua	High	0.4	0.5	0.5	Lg. inc.	Lg. inc.	4.1	Rare	Good	Good	3.2	14.5	32.7	1	1.02	12
red maple	1	Acer rubrum	High	98.7	21.5	648.9	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	82.4	13.4	13.4	5.67	3	13
black oak	1	Quercus velutina	High	5.3	17.3	9.3	No change	No change	4.9	Common	Fair	Fair	10.2	80.3	81.1	1.54	1.57	14
mockernut hickory	1	Carya alba	Medium	1.8	1.4	0.3	No change	No change	5.4	Rare	Fair	Fair	3.5	75.6	79.5	1.43	1.33	15
sycamore	1	Platanus occidentalis	Low	9.5	9.4	31.1	No change	No change	4.8	Common	Fair	Fair	44.1	73.2	74.7	2.26	2.24	16
slippery elm	1	Ulmus rubra	Low	13.9	3	13	No change	No change	4.8	Common	Fair	Fair	61.1	70.9	70.9	2.68	2.68	17
black walnut	1	Juglans nigra	Low	20.9	5.6	17.7	No change	No change	4	Common	Fair	Fair	62.9	68.2	68.2	2.69	2.68	18
pin oak	1	Quercus palustris	Low	46.1	13	93.2	Sm. dec.	Sm. dec.	2.8	Abundant	Fair	Fair	80.2	62.8	62.8	2.94	2.97	19
silver maple	1	Acer saccharinum	Low	34.7	7.2	73.4	Sm. dec.	No change	5.6	Common	Fair	Good	81.3	57.2	57.2	2.97	2.98	20
blackgum	1	Nyssa sylvatica	Medium	34.5	3.8	43	Lg. dec.	Lg. dec.	5.9	Common	Fair	Fair	78.9	51.8	51.8	2.99	2.99	21
American beech	1	Fagus grandifolia	High	66	7.1	104.6	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	79.6	48	48	2.98	3	22
shagbark hickory	1	Carya ovata	Medium	65.7	4.5	59.7	No change	Sm. dec.	4.4	Common	Fair	Poor	81.8	46.3	46.3	2.99	3	23
white ash	1	Fraxinus americana	Medium	98.4	9.5	157.9	No change	No change	2.7	Abundant	Fair	Fair	82.4	32.3	32.3	4.52	3.6	24
black cherry	1	Prunus serotina	Medium	99.1	12	199.4	No change	Sm. dec.	3	Abundant	Fair	Fair	82.4	29.8	29.8	4.04	3	25
flowering dogwood	0	Cornus florida	Medium	3.4	1	1.8	No change	No change	5	Rare	Poor	Poor	32.1	77.8	77.8	1.62	1.21	26
pinus hickory	2	Carya glabra	Medium	6.3	3	3.2	No change	No change	4.7	Rare	Poor	Poor	17.5	76.2	76.7	1.82	1.68	27
cucumbertree	0	Magnolia acuminata	Low	6.4	1.6	4.3	No change	No change	3.6	Rare	Poor	Poor	29.4	76.1	76.4	0	0	28
black willow	0	Salix nigra	Low	14.6	3.4	11.4	No change	No change	2.8	Common	Poor	Poor	48.6	73.5	73.5	2.99	2.46	29
black locust	1	Robinia pseudoacacia	Low	20.3	8.2	29.1	Sm. dec.	No change	3.8	Common	Poor	Fair	76.7	72.9	72.9	2.94	2.92	30
sassafras	0	Sassafras albidum	Low	17.9	3.5	19.6	Sm. dec.	Sm. dec.	4.2	Common	Poor	Poor	80.2	70.7	70.7	2.97	3	31
yellow birch	0	Betula alleghaniensis	High	4.3	3.2	5.8	Sm. dec.	Sm. dec.	3.4	Common	Poor	Poor	30.3	67.4	74.1	0	0	32
American hornbeam; m	0	Carpinus caroliniana	Low	11.8	1.5	10.9	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	74.9	66.7	66.7	0	3	33
black ash	0	Fraxinus nigra	Medium	0.8	5.4	18.6	Sm. dec.	Sm. dec.	1.7	Common	Poor	Poor	23.9	66.5	72	0	0	34
swamp white oak	0	Quercus bicolor	Low	29.1	6.5	43.3	Lg. dec.	Lg. dec.	4.9	Common	Poor	Poor	57.8	65.1	65.1	2.93	0	35
eastern hemlock	0	Tsuga canadensis	High	5	5.3	10.1	Sm. dec.	Sm. dec.	2.7	Common	Poor	Poor	18.3	63.2	72.3	0	0	36
bigtooth aspen	0	Populus grandidentata	Medium	28.3	3.8	29.1	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	64.6	62.4	62.4	3	0	37
quaking aspen	0	Populus tremuloides	High	22.3	7.1	40.9	Lg. dec.	Lg. dec.	4.7	Common	Poor	Poor	39	62.1	66.7	0	0	38
eastern cottonwood	0	Populus deltoides	Low	34.2	9	52.2	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	63.3	59.5	60.2	2.88	2.07	39
scarlet oak	2	Quercus coccinea	Medium	1.8	0.8	0.6	No change	Sm. dec.	4.6	Rare	Poor	Very Poor	8.5	55.3	69.4	1	0	40
American basswood	0	Tilia americana	Medium	57.3	6.1	66.8	Lg. dec.	Lg. dec.	4.6	Common	Poor	Poor	82.4	49.6	49.6	3	3	41
black maple	0	Acer nigrum	Low	1.3	2.6	1.4	Lg. dec.	Very Lg. dec.	5.2	Rare	Poor	Lost	5.6	36.8	57.7	0	0	42
chinkapin oak	2	Quercus muehlenbergii	Medium	1.3	3	1.6	No change	No change	4.8	Rare	Poor	Poor	5.9	28.8	49.1	1.09	1.26	43
swamp chestnut oak	0	Quercus michauxii	Low	1.3	1.6	0.9	No change	Sm. dec.	4.6	Rare	Poor	Very Poor	5.7	22.7	34.3	0	0	44
serviceberry	0	Amelanchier spp.	Low	3.8	2	4.4	Sm. dec.	Lg. dec.	4.8	Rare	Very Poor	Very Poor	47.4	76.9	77.2	0	0	45
eastern white pine	0	Pinus strobus	High	18.3	8.2	36.2	Lg. dec.	Lg. dec.	3.3	Common	Very Poor	Very Poor	50.2	72.5	72.5	2.48	0	46
balsam fir	0	Abies balsamea	High	1.3	5.1	2.7	Sm. dec.	Sm. dec.	2.7	Rare	Very Poor	Very Poor	4.5	18.3	31.1	0	0	47
shellbark hickory	0	Carya laciniosa	Low	2.2	1.4	0.8	Sm. dec.	Very Lg. dec.	3.7	Rare	Very Poor	Lost	3.2	11.4	27.1	0	0	48
pin cherry	0	Prunus pensylvanica	Low	4.4	0.7	0.4	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	10.5	77.4	80.3	0	0	49
sweet birch	0	Betula lenta	High	1.4	1	0	Very Lg. dec.	Very Lg. dec.	3.2	Absent	Lost	Lost	0.4	63.5	76.7	0	0	50
sourwood	0	Oxydendrum arboreum	High	5.2	0.9	0.3	Very Lg. dec.	Very Lg. dec.	6.9	Rare	Lost	Lost	2.9	25.8	53.1	0	0	51
Virginia pine	0	Pinus virginiana	High	5.8	0	0	Unknown	Unknown	3.8	Modeled	Unknown	Unknown	0.1	28.3	56.2	0	0	52
American mountain-ash	0	Sorbus americana	Low	0	0	0	Unknown	Unknown	3.1	Absent	Unknown	Unknown	0	0.2	5.6	NA	NA	53

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slash pine	0	Pinus elliotii	High	0	0	0	Unknown	New Habitat	4.3	Absent	Unknown	New Habitat	0	0	0	0	0	0	54
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	0	55
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	47.7	69.7	1	1	56	
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	40.5	63.8	1	1.11	57	
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0.2	32.6	56.2	1.09	1.06	58	
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	23	49.4	1	1	59	
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	18.8	45	1	1	60	
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	15	43	2.03	3.98	61	
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	5.1	26.8	1	1	62	
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	1	12.9	0	2.54	63	
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	0.6	9.7	0	1	64	
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.2	5.2	0	1	65	
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.2	4.1	1.88	5.94	66	
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.1	4.8	0	2.07	67	
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.1	0	1.86	68	
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	69	
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0.3	0	1.57	70	
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.3	0	2.92	71	
water oak	3	Quercus nigra	High	0	0	0	New Habitat	New Habitat	3.7	Absent	New Habitat	New Habitat	0	0	0.2	0	1	72	
cedar elm	0	Ulmus crassifolia	Medium	0	0	0	New Habitat	New Habitat	3.3	Absent	New Habitat	New Habitat	0	0	0	0	0	73	
chokecherry	0	Prunus virginiana	FIA Only	1.6	3.6	2.5	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	42.1	81.2	81.2	0	0	74	
Norway spruce	0	Picea abies	FIA Only	9.3	7.3	30.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	75	
Scotch pine	0	Pinus sylvestris	FIA Only	7	8	12.3	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	76	
ailanthus	0	Ailanthus altissima	FIA Only	2.5	18.2	19.6	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	77	