

One Degree Grid
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
black oak	1	Quercus velutina	High	63.7	4.8	92.1	Lg. inc.	Lg. inc.	4.9	Abundant	Very Good	Very Good	74.2	51.5	51.5	2.85	5.21	1
white oak	1	Quercus alba	Medium	77.9	6.2	148.7	Lg. inc.	Sm. inc.	6.1	Abundant	Very Good	Very Good	84.1	48.6	48.6	5.14	3.26	2
blackgum	1	Nyssa sylvatica	Medium	67.4	6.2	138.3	No change	No change	5.9	Abundant	Very Good	Very Good	84.8	47.5	47.5	3	3	3
sugar maple	1	Acer saccharum	High	96.6	8.5	199.3	No change	No change	5.8	Abundant	Very Good	Very Good	84.7	43.4	43.4	3.9	4.12	4
northern red oak	1	Quercus rubra	Medium	94.1	4.8	113.5	No change	No change	5.4	Abundant	Very Good	Very Good	84.8	41.6	41.6	3	3	5
yellow-poplar	1	Liriodendron tulipifera	High	82.4	10.6	319.5	No change	Sm. dec.	5.3	Abundant	Very Good	Good	84.8	37.8	37.8	4.53	3	6
Virginia pine	1	Pinus virginiana	High	0.9	0.6	0.1	Lg. inc.	Lg. inc.	3.8	Rare	Good	Good	8	74.6	81.2	2.37	1.49	7
pignut hickory	1	Carya glabra	Medium	11.8	2.4	18.9	Sm. inc.	Sm. inc.	4.7	Common	Good	Good	48.3	72.8	72.8	2.47	2.46	8
honeylocust	1	Gleditsia triacanthos	Low	8.1	2.7	11.4	No change	No change	5.5	Common	Good	Good	35.7	71.5	76.7	1	2.16	9
silver maple	1	Acer saccharinum	Low	18.9	14.6	152.8	Lg. dec.	Lg. dec.	5.6	Abundant	Good	Good	82	69.4	69.4	3	2.99	10
bitternut hickory	1	Carya cordiformis	Low	37.3	4	60.9	No change	No change	5.6	Common	Good	Good	84.1	59.1	59.1	2.98	2.99	11
black walnut	1	Juglans nigra	Low	50.6	4.4	83.6	No change	Sm. inc.	4	Abundant	Good	Very Good	84.4	54.2	54.2	2.99	2.99	12
slippery elm	1	Ulmus rubra	Low	65.8	3.9	88.5	No change	No change	4.8	Abundant	Good	Good	84.6	51	51	3	3	13
shagbark hickory	1	Carya ovata	Medium	78	5.3	88.5	No change	No change	4.4	Abundant	Good	Good	84.8	50.8	50.8	3	3	14
green ash	1	Fraxinus pennsylvanica	Low	55.3	4.4	87.7	No change	Sm. inc.	4	Abundant	Good	Very Good	84.8	49.5	49.5	3	3.1	15
sassafras	1	Sassafras albidum	Low	73.8	6.1	152.9	No change	Sm. dec.	4.2	Abundant	Good	Fair	84.8	41.2	41.2	3.06	3	16
white ash	1	Fraxinus americana	Medium	96.1	4.8	142.1	Sm. inc.	No change	2.7	Abundant	Good	Fair	84.8	37.8	37.8	3.28	3	17
American elm	1	Ulmus americana	Medium	100	7.4	314.7	No change	No change	4	Abundant	Good	Good	84.8	16.6	16.6	3.17	5.43	18
red maple	1	Acer rubrum	High	100	14.6	617.3	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	84.8	13.9	13.9	5.52	3	19
cucumbertree	1	Magnolia acuminata	Low	9.2	2.4	13.5	No change	Sm. dec.	3.6	Common	Fair	Poor	45.1	76.4	76.4	0	0	20
chestnut oak	1	Quercus prinus	High	8.4	6.5	34.5	Sm. dec.	Sm. dec.	6.1	Common	Fair	Fair	22.9	75.5	76.7	2.13	2.18	21
hackberry	1	Celtis occidentalis	Medium	1.1	0.7	2.3	No change	No change	5.7	Rare	Fair	Fair	11.5	75.3	78.6	1.5	1.4	22
boxelder	1	Acer negundo	Low	14.2	4.9	41.4	Lg. dec.	Sm. dec.	7.4	Common	Fair	Fair	74.4	69.8	69.8	2.65	2.85	23
mockernut hickory	1	Carya alba	Medium	13.7	4.3	25.2	Sm. dec.	Sm. dec.	5.4	Common	Fair	Good	80	69.1	69.1	2.95	2.93	24
sycamore	1	Platanus occidentalis	Low	30.3	6	80.8	Sm. dec.	No change	4.8	Abundant	Fair	Good	68.9	64.9	64.9	2.76	2.75	25
sweetgum	1	Liquidambar styraciflua	High	2.4	7.6	10.3	No change	No change	4.1	Common	Fair	Fair	11.3	61.5	74.2	0	1.6	26
bigtooth aspen	1	Populus grandidentata	Medium	36.9	7.1	111.6	Lg. dec.	Lg. dec.	5.1	Abundant	Fair	Fair	83.2	60.2	60.2	0	0	27
eastern hophornbeam; i	1	Ostrya virginiana	Low	30.4	3	48.7	Lg. dec.	Lg. dec.	6.4	Common	Fair	Fair	84.8	57.7	57.7	3	3	28
black locust	1	Robinia pseudoacacia	Low	50.3	9.2	160.7	Sm. dec.	Sm. dec.	3.8	Abundant	Fair	Fair	84.8	57.1	57.1	3.04	3.04	29
American beech	1	Fagus grandifolia	High	62.8	5.7	99	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	78	52.4	52.4	2.9	3	30
Osage-orange	1	Maclura pomifera	Medium	1.1	5.7	3.9	Sm. dec.	No change	6.3	Rare	Poor	Fair	15.6	82.6	83.5	1	1.38	31
eastern redbud	0	Cercis canadensis	Low	2.7	4.1	7.1	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	47.8	82	82.1	2.68	2.46	32
Ohio buckeye	0	Aesculus glabra	Low	4.2	3.2	2.2	No change	Sm. dec.	3.5	Rare	Poor	Very Poor	17	80.5	82	0	0	33
red mulberry	0	Morus rubra	Low	1.1	16.9	11.4	Lg. dec.	Lg. dec.	4.7	Common	Poor	Poor	25	80.2	82.9	1.33	1.09	34
scarlet oak	2	Quercus coccinea	Medium	5.5	1.6	4.7	No change	No change	4.6	Rare	Poor	Poor	18.3	77.7	78.4	1.96	1.88	35
eastern cottonwood	0	Populus deltoides	Low	11.4	9.1	46.4	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	66.9	77.2	77.2	3	2.48	36
black willow	0	Salix nigra	Low	16.8	12.4	45.9	Sm. dec.	Lg. dec.	2.8	Common	Poor	Very Poor	60.4	76.3	76.3	3	2.81	37
shingle oak	2	Quercus imbricaria	Medium	2	5.1	9.9	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	16.2	75.7	79.9	0	1	38
American basswood	0	Tilia americana	Medium	28.6	3.2	20.3	Lg. dec.	Sm. dec.	4.6	Common	Poor	Poor	50.8	75.5	75.5	2.89	0	39
American hornbeam; m	0	Carpinus caroliniana	Low	10.2	1.6	11	Lg. dec.	Sm. dec.	5.1	Common	Poor	Poor	67.6	74.6	74.6	3	3	40
black maple	0	Acer nigrum	Low	1.8	1.8	2.4	Lg. dec.	Lg. dec.	5.2	Rare	Poor	Poor	8.3	59.3	72.7	0	0	41
flowering dogwood	0	Cornus florida	Medium	24.1	2.1	35.8	Sm. dec.	Sm. dec.	5	Common	Poor	Poor	77.2	57.3	57.3	3	3	42
river birch	0	Betula nigra	Low	0.7	4.8	5.5	Sm. dec.	Sm. dec.	3.7	Common	Poor	Poor	11.8	47.7	64.9	0	0	43
shellbark hickory	0	Carya laciniosa	Low	0.9	1.8	1.9	No change	No change	3.7	Rare	Poor	Poor	4.4	29.6	47.8	0	0	44
black cherry	0	Prunus serotina	Medium	100	16.7	647.1	Lg. dec.	Lg. dec.	3	Abundant	Poor	Poor	84.8	9.5	9.5	5.05	3	45
pitch pine	0	Pinus rigida	High	0.7	1.1	1.3	Sm. dec.	Very Lg. dec.	3.8	Rare	Very Poor	Lost	16.1	77.7	81.5	0	0	46
pin oak	0	Quercus palustris	Low	11.2	5.6	50.3	Lg. dec.	Lg. dec.	2.8	Common	Very Poor	Very Poor	32.6	73.6	73.7	2.42	1.86	47
eastern white pine	0	Pinus strobus	High	14.9	7.8	61.8	Lg. dec.	Very Lg. dec.	3.3	Common	Very Poor	Lost	64.6	73.2	73.2	3	0	48
swamp white oak	2	Quercus bicolor	Low	6.8	3.2	1.6	Sm. dec.	No change	4.9	Rare	Very Poor	Poor	7.5	66.1	77.2	2.68	0	49
quaking aspen	0	Populus tremuloides	High	4.5	4.5	3.6	Sm. dec.	Sm. dec.	4.7	Rare	Very Poor	Very Poor	10.5	63.8	76.1	0	0	50
eastern hemlock	0	Tsuga canadensis	High	4.2	3.7	2.5	Lg. dec.	Very Lg. dec.	2.7	Rare	Very Poor	Lost	5.4	63.1	76.9	0	0	51
sweet birch	0	Betula lenta	High	4.7	1	0.9	Very Lg. dec.	Very Lg. dec.	3.2	Rare	Lost	Lost	5.2	74.9	80	0	0	52
red pine	0	Pinus resinosa	Medium	3.2	2.8	9.6	Very Lg. dec.	Very Lg. dec.	3	Common	Lost	Lost	12.3	60.7	71.9	0	0	53

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black ash	0	Fraxinus nigra	Medium	1.1	1.8	1.2	Very Lg. dec.	Very Lg. dec.	1.7	Rare	Lost	Lost	4.6	45.5	66.9	0	0	54
serviceberry	0	Amelanchier spp.	Low	1.1	0	0	Unknown	Unknown	4.8	Modeled	Unknown	Unknown	21.3	84.8	84.8	0	0	55
yellow buckeye	0	Aesculus flava	Low	0.7	0	0	Unknown	Unknown	3.1	Modeled	Unknown	Unknown	16.2	81.7	84	0	0	56
pin cherry	0	Prunus pensylvanica	Low	0.2	0	0	Unknown	Unknown	4.2	Modeled	Unknown	Unknown	0	74.9	82.6	0	0	57
yellow birch	0	Betula alleghaniensis	High	0	0	0	Unknown	Unknown	3.4	Absent	Unknown	Unknown	0	53.9	73.5	0	0	58
striped maple	0	Acer pensylvanicum	Medium	0	0	0	Unknown	Unknown	5.1	Absent	Unknown	Unknown	0	32.7	61.5	0	0	59
red spruce	0	Picea rubens	High	1.1	0	0	Unknown	Unknown	2.9	Modeled	Unknown	Unknown	0	1.7	15.6	0	0	60
blue ash	0	Fraxinus quadrangulata	Low	0	0	0	Unknown	Unknown	2.7	Absent	Unknown	Unknown	0	1.2	13.8	0	0	61
loblolly-bay	0	Gordonia lasianthus	Medium	0	0	0	Unknown	Unknown	3.9	Absent	Unknown	Unknown	0	0	0.1	0	0	62
redbay	0	Persea borbonia	Low	0	0	0	Unknown	Unknown	6.3	Absent	Unknown	Unknown	0	0	1.2	0	0	63
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	64
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	64.4	78.2	1	1	65
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	36.8	62.6	1	1	66
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	32.3	61.6	1.23	4	67
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	18.5	47.6	1	1	68
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	8.4	33.5	0	3.24	69
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	3.2	22.4	0	1.15	70
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	2.2	18.6	1	1.05	71
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	1.1	13.4	0	1.62	72
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	1	12.2	1.21	5.95	73
Shumard oak	3	Quercus shumardii	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	0.3	7.8	1	1	74
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	75
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	1.1	0	1	76
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.7	1	1.58	77
chokecherry	0	Prunus virginiana	FIA Only	5.5	7.6	8.1	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	39.9	82	82	0	0	78
northern catalpa	0	Catalpa speciosa	FIA Only	0.8	5.1	2.7	Unknown	Unknown	4.2	Rare	FIA Only	FIA Only	6.9	33.1	51.4	0	0	79
rock elm	0	Ulmus thomasii	FIA Only	1.1	4.3	2.9	Unknown	Unknown	2.8	Rare	FIA Only	FIA Only	9.6	32.7	49.2	NA	NA	80
Norway spruce	0	Picea abies	FIA Only	1.1	0.8	1.5	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	81
Scotch pine	0	Pinus sylvestris	FIA Only	11.5	19.8	37.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	82
ailanthus	0	Ailanthus altissima	FIA Only	16.2	8.5	110	Unknown	Unknown	NA	Abundant	NNIS	NNIS	NA	NA	NA	NA	NA	83