

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
white oak	1	Quercus alba	Medium	16	6.2	46.7	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	61.2	82.2	82.2	2.58	2.59	1
yellow-poplar	1	Liriodendron tulipifera	High	44.9	7	107.9	Sm. inc.	Sm. inc.	5.3	Abundant	Very Good	Very Good	93.4	66.5	66.5	3.34	3	2
sugar maple	1	Acer saccharum	High	95.7	9	256.6	Sm. inc.	No change	5.8	Abundant	Very Good	Very Good	93.4	48.7	48.7	4.28	3.5	3
northern red oak	1	Quercus rubra	Medium	88	7.7	228.1	No change	No change	5.4	Abundant	Very Good	Very Good	93.4	48.6	48.6	3	3	4
American elm	1	Ulmus americana	Medium	93.2	6.9	208.8	Sm. inc.	Sm. inc.	4	Abundant	Very Good	Very Good	93.4	43.3	43.3	3.17	4.98	5
silver maple	1	Acer saccharinum	Low	12.1	16.1	89.7	Sm. dec.	Sm. dec.	5.6	Abundant	Good	Good	51.7	85.4	85.5	2.95	2.84	6
eastern hophornbeam; i	1	Ostrya virginiana	Low	9	2.5	21.6	No change	No change	6.4	Common	Good	Good	84.8	80.8	80.8	2.9	2.91	7
green ash	1	Fraxinus pennsylvanica	Low	43.6	6.5	88.9	No change	Sm. inc.	4	Abundant	Good	Very Good	92.1	73.2	73.2	3	3.25	8
bitternut hickory	1	Carya cordiformis	Low	49.5	4.6	62.2	No change	No change	5.6	Common	Good	Good	91.7	73	73	2.99	2.98	9
shagbark hickory	1	Carya ovata	Medium	78.3	6.7	158.1	No change	No change	4.4	Abundant	Good	Good	93.4	57.9	57.9	3	3	10
American beech	1	Fagus grandifolia	High	80.7	6.5	165.9	No change	Sm. dec.	3.6	Abundant	Good	Fair	93.1	54.7	54.7	3	3	11
white ash	1	Fraxinus americana	Medium	95.6	4.5	133.4	Sm. inc.	Sm. inc.	2.7	Abundant	Good	Good	93.4	48.2	48.2	3.7	3.04	12
sourwood	1	Oxydendrum arboreum	High	7.9	0.9	0.6	Sm. inc.	Sm. inc.	6.9	Rare	Good	Good	4.8	42.4	68.5	1	0	13
bur oak	1	Quercus macrocarpa	Medium	4.5	3.7	8.1	No change	No change	6.4	Common	Good	Good	8.8	33.2	50.9	1.6	1.6	14
red maple	1	Acer rubrum	High	100	32.7	1807.7	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	93.4	9.2	9.2	6	3.4	15
black walnut	1	Juglans nigra	Low	4.8	9.6	24.9	No change	No change	4	Common	Fair	Fair	56.6	89.4	89.4	2.55	2.53	16
slippery elm	1	Ulmus rubra	Low	8.3	2.8	13.5	No change	No change	4.8	Common	Fair	Fair	65	86.2	86.2	2.62	2.63	17
black willow	1	Salix nigra	Low	6.8	17.2	86.8	No change	Sm. dec.	2.8	Abundant	Fair	Fair	85.1	86.1	86.1	0	2.89	18
black oak	1	Quercus velutina	High	9.6	4	18.2	No change	No change	4.9	Common	Fair	Fair	38.1	86	86.3	2.06	3.05	19
boxelder	1	Acer negundo	Low	1.1	2.4	2.2	No change	No change	7.4	Rare	Fair	Fair	11	83.5	89.6	1.25	1.52	20
pignut hickory	1	Carya glabra	Medium	4.8	3.2	22.8	No change	No change	4.7	Common	Fair	Fair	47.8	82.3	82.3	2.26	2.44	21
sassafras	1	Sassafras albidum	Low	15.4	3.1	34.8	No change	Sm. dec.	4.2	Common	Fair	Poor	89.7	76.2	76.2	2.94	2.99	22
swamp white oak	1	Quercus bicolor	Low	26.5	6	84.3	Lg. dec.	Lg. dec.	4.9	Abundant	Fair	Fair	78.4	72.4	72.4	2.94	0	23
bigtooth aspen	1	Populus grandidentata	Medium	32.5	6.5	96.3	Lg. dec.	Very Lg. dec.	5.1	Abundant	Fair	Lost	93.4	70.1	70.1	3	0	24
pin oak	1	Quercus palustris	Low	35.9	14.1	216.4	Sm. dec.	Lg. dec.	2.8	Abundant	Fair	Poor	68.5	68	68.1	2.87	2.81	25
blackgum	1	Nyssa sylvatica	Medium	39.7	3.6	70.3	Sm. dec.	Sm. dec.	5.9	Common	Fair	Fair	91.6	62.7	62.7	2.96	2.97	26
quaking aspen	1	Populus tremuloides	High	53.1	10.6	242.1	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	92.5	58.5	58.5	0	0	27
black cherry	1	Prunus serotina	Medium	99.8	10.9	516.6	No change	Sm. dec.	3	Abundant	Fair	Fair	93.4	21.9	21.9	5.16	3.02	28
flowering dogwood	2	Cornus florida	Medium	2.6	1.2	1.6	No change	No change	5	Rare	Poor	Poor	23.6	90.1	90.9	0	1.33	29
sweet birch	0	Betula lenta	High	1.5	3.8	6.4	Sm. dec.	Sm. dec.	3.2	Common	Poor	Poor	16.5	89.9	90.8	0	0	30
serviceberry	0	Amelanchier spp.	Low	5.2	2.6	14.6	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	87.7	85.3	85.3	0	0	31
black locust	1	Robinia pseudoacacia	Low	12.5	8.4	34.6	Sm. dec.	No change	3.8	Common	Poor	Poor	81.5	84.7	84.7	2.89	2.86	32
cucumbertree	0	Magnolia acuminata	Low	9.5	2	12.4	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	56.5	84.4	84.5	0	0	33
mockernut hickory	2	Carya alba	Medium	1.1	6.4	4.6	Sm. dec.	Sm. dec.	5.4	Rare	Poor	Poor	8	81.6	89.3	1.36	1.33	34
chestnut oak	2	Quercus prinus	High	1.1	3.9	2.8	Sm. dec.	Sm. dec.	6.1	Rare	Poor	Poor	6.2	80.5	89.1	2.02	1.1	35
yellow birch	0	Betula alleghaniensis	High	11.9	3.9	32.9	Lg. dec.	Lg. dec.	3.4	Common	Poor	Poor	69.3	80.3	80.3	0	0	36
scarlet oak	2	Quercus coccinea	Medium	1.4	1.6	2.2	No change	No change	4.6	Rare	Poor	Poor	8.6	77.4	87.2	3	3	37
shingle oak	0	Quercus imbricaria	Medium	6.5	5.7	19.4	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	28.7	76.9	84.2	3	2.28	38
black ash	0	Fraxinus nigra	Medium	1.1	16.9	36.6	Sm. dec.	Sm. dec.	1.7	Common	Poor	Poor	23.4	76.7	84.9	0	0	39
eastern cottonwood	2	Populus deltoides	Low	3.4	1.9	4.2	No change	No change	3.9	Rare	Poor	Poor	20.5	76.4	86.3	1.79	1.47	40
American hornbeam; m	0	Carpinus caroliniana	Low	21.8	3.7	46.1	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	93.2	74.6	74.6	0	3	41
American basswood	0	Tilia americana	Medium	38.7	4.9	64.8	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	93.4	74.1	74.1	3	3	42
black maple	0	Acer nigrum	Low	3.8	1.8	2.7	Sm. dec.	Very Lg. dec.	5.2	Rare	Poor	Lost	8.9	51.8	70.4	0	0	43
swamp chestnut oak	0	Quercus michauxii	Low	0.4	1.6	0.4	No change	Sm. dec.	4.6	Rare	Poor	Very Poor	2.4	13.3	28.1	0	0	44
eastern white pine	0	Pinus strobus	High	12.7	9.1	55	Lg. dec.	Lg. dec.	3.3	Common	Very Poor	Very Poor	53.7	84.5	84.5	2.76	0	45
eastern hemlock	0	Tsuga canadensis	High	19.8	10.9	72.4	Lg. dec.	Lg. dec.	2.7	Common	Very Poor	Very Poor	56.5	83.1	83.2	3	0	46
sycamore	2	Platanus occidentalis	Low	0.4	1.3	3.2	Sm. dec.	Sm. dec.	4.8	Rare	Very Poor	Very Poor	11.3	78.4	85.6	1.45	1.45	47
chinkapin oak	2	Quercus muehlenbergii	Medium	0.4	3	0.8	Sm. dec.	No change	4.8	Rare	Very Poor	Poor	2.5	17.3	38.7	1.12	1.26	48
balsam fir	0	Abies balsamea	High	1.1	5.1	3.7	Sm. dec.	Sm. dec.	2.7	Rare	Very Poor	Very Poor	3.9	17.2	34.1	0	0	49
shellbark hickory	0	Carya laciniosa	Low	2.3	1.4	1	Sm. dec.	Very Lg. dec.	3.7	Rare	Very Poor	Lost	2.9	12.7	26.9	0	0	50
pin cherry	0	Prunus pensylvanica	Low	3.6	0.8	1.7	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	48.9	89.9	90.1	0	0	51
gray birch	0	Betula populifolia	Low	0	42.5	30.7	Very Lg. dec.	Very Lg. dec.	3.6	Common	Lost	Lost	24.8	86.6	90.9	0	0	52
red pine	0	Pinus resinosa	Medium	1.2	7.6	5.8	Very Lg. dec.	Very Lg. dec.	3	Common	Lost	Lost	7.7	51.6	72.3	0	0	53

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jack pine	0	Pinus banksiana	Medium	0	0	0	Unknown	Unknown	5.2	Absent	Unknown	Unknown	0	5.9	27.5	0	0	54
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0	0.1	4.7	0	0	55
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	56
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	41.4	71.3	1	1	57
Virginia pine	3	Pinus virginiana	High	0	0	0	New Habitat	New Habitat	3.8	Absent	New Habitat	New Habitat	0	34.9	66.7	0	1	58
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	0	18.8	49.5	1	1	59
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	17.1	48.8	1	1	60
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	15.3	43.3	0	1	61
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	11.4	42.2	1.21	3.9	62
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	6.1	30.7	1	1	63
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	4.7	27.1	0	1	64
sweetgum	3	Liquidambar styraciflua	High	1.1	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	3.1	22.9	0	1	65
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	1	13.5	0	1	66
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.4	6.2	0	1.03	67
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.1	3.6	0	5.26	68
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.1	3.4	0	1.29	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	0.2	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	0.3	0	2.9	72
chokecherry	0	Prunus virginiana	FIA Only	1.1	6.8	5	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	54.3	92.2	92.3	0	0	73
butternut	0	Juglans cinerea	FIA Only	1.1	6.2	4.5	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	15.7	70.5	83.8	NA	NA	74
Norway spruce	0	Picea abies	FIA Only	4.1	19.9	80.9	Unknown	Unknown	NA	Abundant	NNIS	NNIS	NA	NA	NA	NA	NA	75
Scotch pine	0	Pinus sylvestris	FIA Only	7.9	10.7	51.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	76