

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
yellow-poplar	1	Liriodendron tulipifera	High	19.5	8.7	70.2	Lg. inc.	Lg. inc.	5.3	Common	Very Good	Very Good	98.5	84.6	84.6	5.45	3.38	1
chestnut oak	1	Quercus prinus	High	19.4	3.8	31.9	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	50.6	84	84	2.49	2.71	2
blackgum	1	Nyssa sylvatica	Medium	28.5	1.6	26.5	Sm. inc.	Lg. inc.	5.9	Common	Very Good	Very Good	95.1	69.5	69.5	2.94	2.94	3
black oak	1	Quercus velutina	High	49.3	5.5	99.6	Sm. inc.	Lg. inc.	4.9	Abundant	Very Good	Very Good	81.6	66	66	2.69	5.69	4
white oak	1	Quercus alba	Medium	76.4	8.6	261.5	Sm. inc.	Sm. inc.	6.1	Abundant	Very Good	Very Good	95.9	43.5	43.5	3.55	5	5
northern red oak	1	Quercus rubra	Medium	96.4	9.8	377.3	No change	No change	5.4	Abundant	Very Good	Very Good	99.4	28.4	28.4	3.61	3.6	6
mockernut hickory	1	Carya alba	Medium	3.5	0.8	1.9	Sm. inc.	Lg. inc.	5.4	Rare	Good	Good	20	87.7	93.1	1.82	1.57	7
flowering dogwood	1	Cornus florida	Medium	2.2	0.8	0.5	Lg. inc.	Lg. inc.	5	Rare	Good	Good	15.3	87.3	95.1	0	1.31	8
scarlet oak	1	Quercus coccinea	Medium	34.9	4.2	41.7	Sm. inc.	Sm. inc.	4.6	Common	Good	Good	66	80.6	81	2.74	2.73	9
pinhut hickory	1	Carya glabra	Medium	22.1	2.5	27.2	Sm. inc.	Sm. inc.	4.7	Common	Good	Good	79.5	79.6	79.6	2.73	2.74	10
sassafras	1	Sassafras albidum	Low	20.3	3.6	39.3	Sm. inc.	Sm. inc.	4.2	Common	Good	Good	81.1	79.1	79.1	2.77	2.79	11
sugar maple	1	Acer saccharum	High	82.2	9.7	270.9	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	99.4	48	48	3.5	3.36	12
red maple	1	Acer rubrum	High	100	24.9	1268	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	99.4	5.7	5.7	6	5.68	13
bitternut hickory	1	Carya cordiformis	Low	3.9	2.5	3.7	No change	No change	5.6	Rare	Fair	Fair	22.9	96.4	96.6	2.91	1.86	14
American elm	1	Ulmus americana	Medium	18.8	4.4	34.5	No change	No change	4	Common	Fair	Fair	57.7	85	85	3	2.9	15
silver maple	1	Acer saccharinum	Low	0.6	3.5	1.1	No change	No change	5.6	Rare	Fair	Fair	4	81.7	94.2	0	1.67	16
shingle oak	1	Quercus imbricaria	Medium	4.8	13.1	45.6	No change	Sm. dec.	4.9	Common	Fair	Poor	30.8	76.2	86.5	0	0	17
eastern white pine	1	Pinus strobus	High	42.8	6.2	87.3	Sm. dec.	Lg. dec.	3.3	Abundant	Fair	Poor	94.3	73.6	73.6	2.92	2.96	18
bigtooth aspen	1	Populus grandidentata	Medium	30.2	6.8	101.1	Lg. dec.	Lg. dec.	5.1	Abundant	Fair	Fair	99.4	72	72	3	0	19
quaking aspen	1	Populus tremuloides	High	46.9	7.1	119.2	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	99.4	68.8	68.8	3	0	20
eastern hophornbeam; i	1	Ostrya virginiana	Low	27.9	1.9	32.6	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	99.4	68.1	68.1	3	3	21
yellow birch	1	Betula alleghaniensis	High	69.4	4.6	93.3	Lg. dec.	Lg. dec.	3.4	Abundant	Fair	Fair	99.4	61.8	61.8	3	3	22
American beech	1	Fagus grandifolia	High	80.6	7.6	225.8	Sm. dec.	Sm. dec.	3.6	Abundant	Fair	Fair	98.7	44.5	44.5	3	3	23
jack pine	1	Pinus banksiana	Medium	0.5	20.2	5.8	Sm. dec.	Sm. dec.	5.2	Common	Fair	Fair	7.4	40.3	62	0	0	24
white ash	1	Fraxinus americana	Medium	88.1	5	165	No change	No change	2.7	Abundant	Fair	Fair	99.4	39.5	39.5	3.21	3.13	25
black cherry	1	Prunus serotina	Medium	100	14.5	670.2	No change	Sm. dec.	3	Abundant	Fair	Fair	99.4	14.2	14.2	6	4.66	26
green ash	0	Fraxinus pennsylvanica	Low	1.1	11.4	6.7	Sm. dec.	Sm. dec.	4	Common	Poor	Poor	33.8	98	98.3	2.99	2.1	27
black walnut	0	Juglans nigra	Low	1.2	12.5	15.2	Lg. dec.	Lg. dec.	4	Common	Poor	Poor	44.8	97	97.2	2.37	2.2	28
black willow	0	Salix nigra	Low	4.4	25.6	38.1	Sm. dec.	Sm. dec.	2.8	Common	Poor	Poor	32.6	94.7	96.4	3	2.59	29
black locust	1	Robinia pseudoacacia	Low	6.1	7.8	25.8	Sm. dec.	No change	3.8	Common	Poor	Fair	87.9	93.4	93.4	2.88	2.88	30
gray birch	0	Betula populifolia	Low	2.7	1.6	1.4	No change	Sm. dec.	3.6	Rare	Poor	Very Poor	18.4	87.6	94.8	0	0	31
American basswood	0	Tilia americana	Medium	25.6	3	28.2	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	94.8	82.4	82.4	2.98	3	32
shagbark hickory	0	Carya ovata	Medium	20.4	4.2	40.3	Sm. dec.	Sm. dec.	4.4	Common	Poor	Poor	77	81.9	81.9	2.83	2.71	33
swamp white oak	2	Quercus bicolor	Low	1.1	2.1	1.2	No change	No change	4.9	Rare	Poor	Poor	11.3	80.2	91.3	1.34	0	34
sycamore	2	Platanus occidentalis	Low	1.1	18.6	10.9	Lg. dec.	Sm. dec.	4.8	Common	Poor	Poor	13.8	75	89.7	1.38	1.43	35
cucumbertree	0	Magnolia acuminata	Low	32.3	2.5	35.4	Sm. dec.	Lg. dec.	3.6	Common	Poor	Poor	98.9	73.9	73.9	3	3	36
American hornbeam; m	0	Carpinus caroliniana	Low	33.4	2.3	36	Sm. dec.	Lg. dec.	5.1	Common	Poor	Poor	99.4	71	71	3	3	37
serviceberry	0	Amelanchier spp.	Low	45.7	1.9	35.6	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	99.4	65.4	65.4	3	3	38
eastern hemlock	0	Tsuga canadensis	High	87.7	14.4	417.9	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	97.7	46.2	46.2	3	3	39
sweet birch	0	Betula lenta	High	68.8	7.9	252.2	Lg. dec.	Lg. dec.	3.2	Abundant	Poor	Poor	92.8	40.6	40.6	3	3	40
slippery elm	0	Ulmus rubra	Low	2.1	2.7	4.6	Sm. dec.	Sm. dec.	4.8	Rare	Very Poor	Very Poor	27.8	95.8	96.2	2.72	2.31	41
red pine	0	Pinus resinosa	Medium	10	7.6	28	Lg. dec.	Very Lg. dec.	3	Common	Very Poor	Lost	32.6	87.2	91.1	0	0	42
pitch pine	0	Pinus rigida	High	1.1	2.7	1.6	Sm. dec.	Sm. dec.	3.8	Rare	Very Poor	Very Poor	14.2	87	94.8	0	0	43
Virginia pine	2	Pinus virginiana	High	0.5	9.7	2.8	Sm. dec.	No change	3.8	Rare	Very Poor	Poor	6.2	62.8	83.7	1.73	1.26	44
white spruce	0	Picea glauca	Medium	1.5	8.6	7.2	Very Lg. dec.	Very Lg. dec.	3.9	Common	Lost	Lost	30.6	95.9	97.5	0	0	45
striped maple	0	Acer pensylvanicum	Medium	1.3	0.8	2.4	Very Lg. dec.	Very Lg. dec.	5.1	Rare	Lost	Lost	22.9	92.5	93.4	0	0	46
pin cherry	0	Prunus pensylvanica	Low	16.7	3	25.3	Very Lg. dec.	Very Lg. dec.	4.2	Common	Lost	Lost	99.4	84	84	0	0	47
red spruce	0	Picea rubens	High	1.1	4.6	2.7	Very Lg. dec.	Very Lg. dec.	2.9	Rare	Lost	Lost	7.2	35.9	60	0	0	48
black ash	0	Fraxinus nigra	Medium	1.1	0	0	Unknown	Unknown	1.7	Modeled	Unknown	Unknown	0.3	56.9	81.5	0	0	49
paper birch	0	Betula papyrifera	High	1.1	0	0	Unknown	Unknown	3.4	Modeled	Unknown	Unknown	0	12.2	43.1	0	0	50
cittamwood/gum bumel	0	Sideroxylon lanuginosum ssp	Low	0	0	0	Unknown	Unknown	5.6	Absent	Unknown	Unknown	0	0	0	0	0	51
sugarberry	2	Celtis laevigata	Medium	0	0	0	Unknown	New Habitat	4.6	Absent	Unknown	New Habitat	0	0	0	0	1	52
boxelder	3	Acer negundo	Low	0	0	0	New Habitat	New Habitat	7.4	Absent	New Habitat	New Habitat	0.5	83.2	95.2	0	1.05	53

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eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	39	71.4	0	1	54
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	15	49.6	0	4	55
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	13.7	45.6	1	1	56
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	12.7	43.4	1	1	57
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	4.4	27.4	0	1	58
sweetgum	3	Liquidambar styraciflua	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	4.2	27.4	0	1.14	59
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	3.1	22.9	0	3.57	60
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	1.9	17.8	0	1	61
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	1	13	0	1	62
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.2	6.5	0	3.67	63
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.1	3.4	0	4	64
florida maple	3	Acer barbatum	Low	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	0	0.2	0	0	65
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	66
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.7	0	1.48	67
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	3.3	0	1	68
chokecherry	0	Prunus virginiana	FIA Only	3.2	0.9	1.1	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	54.3	97.3	97.3	0	0	69
butternut	0	Juglans cinerea	FIA Only	1.1	20	11.7	Unknown	Unknown	2.3	Common	FIA Only	FIA Only	23.8	82	92.3	NA	NA	70
American chestnut	0	Castanea dentata	FIA Only	9.3	0.8	1.5	Unknown	Unknown	4.5	Rare	FIA Only	FIA Only	21.4	75.3	87.1	0	0	71
Norway spruce	0	Picea abies	FIA Only	4.9	4.8	13.8	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	72
Scotch pine	0	Pinus sylvestris	FIA Only	9.5	12.9	64.9	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	73