

HUC6 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
chestnut oak	1	Quercus prinus	High	20.3	3.7	33.7	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	51.9	83	83.2	2.63	2.81	1
blackgum	1	Nyssa sylvatica	Medium	17.3	2	21.5	Sm. inc.	Lg. inc.	5.9	Common	Very Good	Very Good	78.5	80	80	2.73	2.7	2
yellow-poplar	1	Liriodendron tulipifera	High	33.1	8.3	103.4	Sm. inc.	Sm. inc.	5.3	Abundant	Very Good	Very Good	83.6	77.5	77.5	4.39	3.53	3
white oak	1	Quercus alba	Medium	51.5	7.5	132.8	Sm. inc.	Sm. inc.	6.1	Abundant	Very Good	Very Good	82.6	68.7	68.7	3.56	4.97	4
northern red oak	1	Quercus rubra	Medium	84.5	9	302.7	No change	No change	5.4	Abundant	Very Good	Very Good	98.5	42	42	3.73	4.4	5
pignut hickory	1	Carya glabra	Medium	18.9	2.8	23	Sm. inc.	Sm. inc.	4.7	Common	Good	Good	67.1	84.9	84.9	2.59	2.59	6
scarlet oak	1	Quercus coccinea	Medium	16.3	4.5	24.5	Sm. inc.	Sm. inc.	4.6	Common	Good	Good	40.1	84.1	88.1	2.21	2.12	7
silver maple	1	Acer saccharinum	Low	2.3	9.1	12.3	No change	Sm. dec.	5.6	Common	Good	Fair	16	80.9	91.3	0	2.11	8
black oak	1	Quercus velutina	High	31.3	5.8	71.8	Sm. inc.	Lg. inc.	4.9	Common	Good	Very Good	62.1	77.6	77.7	2.36	5.33	9
sugar maple	1	Acer saccharum	High	91	13.9	516.1	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	98.7	35.7	35.7	3.84	3.54	10
red maple	1	Acer rubrum	High	100	23	1234.7	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	98.7	7.8	7.8	6.21	5.49	11
bitternut hickory	1	Carya cordiformis	Low	11.6	3.7	19.5	Lg. dec.	Sm. dec.	5.6	Common	Fair	Fair	50.2	89.8	89.8	2.93	2.28	12
boxelder	1	Acer negundo	Low	1.4	13.8	7.9	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	10.2	87.4	95.1	2.91	1.62	13
black locust	1	Robinia pseudoacacia	Low	22.5	9.3	75.2	Sm. dec.	Sm. dec.	3.8	Abundant	Fair	Fair	77.7	85.2	85.2	2.76	2.75	14
mockernut hickory	1	Carya alba	Medium	3.6	1.4	2.9	No change	Sm. inc.	5.4	Rare	Fair	Good	21.4	81.7	90.8	2.01	1.57	15
American elm	1	Ulmus americana	Medium	23.6	3.5	40	No change	No change	4	Common	Fair	Fair	62.1	79.9	79.9	3	2.77	16
sassafras	1	Sassafras albidum	Low	27	4.3	49	No change	No change	4.2	Common	Fair	Fair	72.7	79.6	79.6	2.61	2.61	17
bigtooth aspen	1	Populus grandidentata	Medium	25.9	6.8	86.2	Lg. dec.	Lg. dec.	5.1	Abundant	Fair	Fair	98.5	77.2	77.2	3	0	18
quaking aspen	1	Populus tremuloides	High	41.2	8.9	144.7	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	90.7	71.1	71.1	2.99	3	19
eastern hophornbeam; i	1	Ostrya virginiana	Low	25.9	2.1	37.8	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	97.4	68.7	68.7	3	2.98	20
yellow birch	1	Betula alleghaniensis	High	63.9	4.3	94.7	Lg. dec.	Lg. dec.	3.4	Abundant	Fair	Fair	92.7	60.8	60.8	3	3	21
sweet birch	1	Betula lenta	High	63.6	6.8	206.9	Sm. dec.	Lg. dec.	3.2	Abundant	Fair	Poor	85.6	46.5	46.5	2.95	2.75	22
American beech	1	Fagus grandifolia	High	78.2	8.2	265.2	Sm. dec.	Sm. dec.	3.6	Abundant	Fair	Fair	94.8	43.4	43.4	2.91	2.91	23
white ash	1	Fraxinus americana	Medium	91.8	7	247.8	No change	No change	2.7	Abundant	Fair	Fair	98.7	38.5	38.5	3.35	3.14	24
jack pine	1	Pinus banksiana	Medium	0.7	13.2	5.1	Sm. dec.	Sm. dec.	5.2	Common	Fair	Fair	6.7	32.9	55.6	0	0	25
black maple	1	Acer nigrum	Low	0.3	28.1	5.4	Sm. dec.	Sm. dec.	5.2	Common	Fair	Fair	5.3	31.5	49.1	0	0	26
hackberry	1	Celtis occidentalis	Medium	0.7	1.4	0.6	No change	No change	5.7	Rare	Fair	Fair	3.2	28.5	50.9	1	1.32	27
mountain maple	1	Acer spicatum	Low	2	0.2	0	Lg. dec.	Lg. dec.	5.9	Absent	Fair	Fair	3.5	15.5	29.6	0	0	28
black cherry	1	Prunus serotina	Medium	100	16.8	846.5	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	98.7	13.2	13.2	5.86	4.69	29
bur oak	1	Quercus macrocarpa	Medium	0.7	3.6	1.4	No change	No change	6.4	Rare	Fair	Fair	1.4	6.4	21.1	0	0	30
green ash	0	Fraxinus pennsylvanica	Low	3.4	6.2	12.8	Sm. dec.	Sm. dec.	4	Common	Poor	Poor	35.4	93.8	95	2.93	1.94	31
black walnut	1	Juglans nigra	Low	5.1	5.7	16.5	Sm. dec.	No change	4	Common	Poor	Poor	46.6	93.4	93.6	2.4	2.14	32
white spruce	0	Picea glauca	Medium	3	5	8.7	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	31.1	92	94.7	0	0	33
black willow	0	Salix nigra	Low	4.8	13.4	29.1	No change	Sm. dec.	2.8	Common	Poor	Poor	39.6	89.5	93.7	3	2.01	34
slippery elm	0	Ulmus rubra	Low	6.5	3.7	14.6	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	40.5	88.1	91.2	2.67	2.2	35
shagbark hickory	0	Carya ovata	Medium	15.6	4.5	32.2	Sm. dec.	Lg. dec.	4.4	Common	Poor	Poor	59.4	86.7	86.7	2.67	2.37	36
pin cherry	0	Prunus pensylvanica	Low	14.6	3.1	26.5	Lg. dec.	Very Lg. dec.	4.2	Common	Poor	Lost	98.4	84	84	0	0	37
striped maple	0	Acer pensylvanicum	Medium	12.7	1.8	16.3	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	57.5	81.9	83.1	3	3	38
eastern white pine	0	Pinus strobus	High	29.1	7.1	73.6	Sm. dec.	Sm. dec.	3.3	Common	Poor	Poor	80	81.2	81.2	2.81	2.79	39
flowering dogwood	2	Cornus florida	Medium	3	2.1	3.7	No change	No change	5	Rare	Poor	Poor	22.9	79.8	90.1	2.91	1.59	40
American basswood	0	Tilia americana	Medium	29	3.5	39.7	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	96.6	79.6	79.6	2.99	3	41
cucumbertree	0	Magnolia acuminata	Low	27.9	2.4	32.5	Sm. dec.	Lg. dec.	3.6	Common	Poor	Poor	84.8	75.3	75.3	2.92	2.9	42
American hornbeam; m	0	Carpinus caroliniana	Low	27.9	2.4	35.1	Sm. dec.	Lg. dec.	5.1	Common	Poor	Poor	98	73.8	73.8	3	2.99	43
serviceberry	0	Amelanchier spp.	Low	34.5	2.2	34	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	98.7	72.5	72.5	3	3	44
sycamore	2	Platanus occidentalis	Low	1	7.8	6	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	9.1	69	85.4	1.44	1.35	45
eastern hemlock	0	Tsuga canadensis	High	75.3	12.4	314.8	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	90.7	55.7	55.7	3.13	3	46
shingle oak	0	Quercus imbricaria	Medium	2	8.8	16.8	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	17	54.2	70.6	0	0	47
swamp white oak	2	Quercus bicolor	Low	1	10.1	7.7	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	9.6	52.4	74	2.15	0	48
eastern cottonwood	2	Populus deltoides	Low	0.1	1.4	0.1	No change	No change	3.9	Rare	Poor	Poor	1.7	45.8	73	0	1.58	49
sweetgum	2	Liquidambar styraciflua	High	0.2	2	0.2	No change	No change	4.1	Rare	Poor	Poor	0.4	10.2	34.6	0	1.12	50
pitch pine	2	Pinus rigida	High	0.3	2.7	0.5	Sm. dec.	Sm. dec.	3.8	Rare	Very Poor	Very Poor	4.4	84.6	93.9	0	2.01	51
red pine	0	Pinus resinosa	Medium	6.7	5.7	18.6	Lg. dec.	Very Lg. dec.	3	Common	Very Poor	Lost	25.3	83.5	90.1	0	0	52
gray birch	0	Betula populifolia	Low	1.3	2	1.1	Lg. dec.	Lg. dec.	3.6	Rare	Very Poor	Very Poor	11.8	70.2	85.9	0	0	53

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Virginia pine	2	Pinus virginiana	High	0.3	9.7	1.9	Sm. dec.	No change	3.8	Rare	Very Poor	Poor	6.4	64.5	83.2	1.41	1.35	54
black ash	0	Fraxinus nigra	Medium	2	2.9	2.4	Lg. dec.	Very Lg. dec.	1.7	Rare	Very Poor	Lost	10.8	57	75.4	0	0	55
pin oak	2	Quercus palustris	Low	0.2	3.3	0.3	No change	No change	2.8	Rare	Very Poor	Very Poor	2.7	54.5	77.6	2.92	2.58	56
American holly	0	Ilex opaca	Medium	1	0.6	0.1	Sm. dec.	Very Lg. dec.	4.5	Rare	Very Poor	Lost	1.6	20.3	47.9	0	0	57
balsam poplar	0	Populus balsamifera	Medium	0.3	5.2	1	Sm. dec.	Sm. dec.	4	Rare	Very Poor	Very Poor	3.3	16.5	31.1	0	0	58
paper birch	0	Betula papyrifera	High	1.2	1.8	0.3	Very Lg. dec.	Very Lg. dec.	3.4	Rare	Lost	Very Poor	1.6	29.7	57.2	0	0	59
red spruce	0	Picea rubens	High	0.3	4.6	0.9	Very Lg. dec.	Very Lg. dec.	2.9	Rare	Lost	Lost	2.7	22.9	50.5	0	0	60
northern white-cedar	0	Thuja occidentalis	High	0	0	0	Unknown	Unknown	4.2	Absent	Unknown	Unknown	0	1.2	9.5	0	0	61
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	62
blue ash	0	Fraxinus quadrangulata	Low	0	0	0	Unknown	Unknown	2.7	Absent	Unknown	Unknown	0	0	2.2	0	0	63
southern magnolia	0	Magnolia grandiflora	Low	0	0	0	Unknown	Unknown	4.9	Absent	Unknown	Unknown	0	0	0.1	0	0	64
bignone magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	0.8	0	0	65
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	66
ashe juniper	0	Juniperus ashei	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat	NA	NA	NA	NA	NA	67
mountain or Fraser mag	0	Magnolia fraseri	Low	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat	NA	NA	NA	NA	NA	68
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	46.7	72.7	1	1.06	69
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	28.6	61.2	1.05	3.91	70
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	21.7	48.9	1	1	71
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	9.2	33.5	0	1	72
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	7.8	29.2	0	3.31	73
southern red oak	3	Quercus falcata	Medium	0.3	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	4.2	23	1	1.05	74
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	1.3	12.9	1	1	75
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.9	9.8	1	3.74	76
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.2	4.7	1	1.02	77
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.1	4.1	1.03	4	78
florida maple	3	Acer barbatum	Low	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	0	0.6	0	1	79
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	80
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	81
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0.1	0	1.21	82
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.9	0	1.44	83
chokecherry	0	Prunus virginiana	FIA Only	4.3	2.6	4.5	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	62.8	95.7	95.7	0	0	84
butternut	0	Juglans cinerea	FIA Only	0.5	8.3	4.2	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	10.9	75	89.1	NA	NA	85
American chestnut	0	Castanea dentata	FIA Only	10.9	0.8	0.7	Unknown	Unknown	4.5	Rare	FIA Only	FIA Only	8.8	54.4	74.8	0	0	86
peachleaf willow	0	Salix amygdaloides	FIA Only	0.3	3.8	0.7	Unknown	Unknown	3.4	Rare	FIA Only	FIA Only	2.6	11.4	23.5	0	0	87
Norway spruce	0	Picea abies	FIA Only	9.2	8.3	37.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	88
Scotch pine	0	Pinus sylvestris	FIA Only	9	10.4	45.7	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	89
Norway maple	0	Acer platanoides	FIA Only	0.2	4.3	0.6	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	90
ailanthus	0	Ailanthus altissima	FIA Only	1.1	4.4	2.6	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	91