

HUC8 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
white oak	1	Quercus alba	Medium	13.9	2.7	7.8	Lg. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	24	73.1	73.1	2.07	2.08	1
yellow-poplar	1	Liriodendron tulipifera	High	48.8	9.7	101.7	No change	Sm. dec.	5.3	Abundant	Very Good	Good	81	53.4	53.4	3.27	3	2
sugar maple	1	Acer saccharum	High	89.5	12.3	130.9	No change	Sm. dec.	5.8	Abundant	Very Good	Good	81.6	46.9	46.9	4.28	3.31	3
northern red oak	1	Quercus rubra	Medium	90.7	4.9	88.3	No change	Sm. dec.	5.4	Abundant	Very Good	Good	82.1	35.5	35.5	3	3	4
black walnut	1	Juglans nigra	Low	57.2	5.8	26.5	Sm. inc.	Sm. inc.	4	Common	Good	Good	79	54.8	54.8	2.95	2.95	5
bitternut hickory	1	Carya cordiformis	Low	61.3	5.1	37.2	No change	No change	5.6	Common	Good	Good	75.9	54.4	54.4	2.89	2.89	6
silver maple	1	Acer saccharinum	Low	29.1	6.3	47.3	No change	Sm. dec.	5.6	Common	Good	Fair	79.6	46	46	2.93	2.94	7
bur oak	1	Quercus macrocarpa	Medium	13.9	2.1	3.8	Sm. inc.	Sm. inc.	6.4	Rare	Good	Good	0.1	35.3	59.6	0	1.22	8
green ash	1	Fraxinus pennsylvanica	Low	80.2	7.2	87.8	No change	No change	4	Abundant	Good	Good	82.1	30.2	30.2	3	3.64	9
American elm	1	Ulmus americana	Medium	100	7.3	129.9	No change	Sm. inc.	4	Abundant	Good	Very Good	82.1	22.5	22.5	3.47	6	10
red maple	1	Acer rubrum	High	98.3	16.2	314.9	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	82.1	21.1	21.1	5.35	3	11
boxelder	1	Acer negundo	Low	8.7	8.7	16.1	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	39.9	78.4	78.4	2.5	2.49	12
black oak	1	Quercus velutina	High	5.2	17.3	15.8	No change	No change	4.9	Common	Fair	Fair	20.6	78	78.1	1.96	1.96	13
mockernut hickory	1	Carya alba	Medium	3.8	1.4	0.7	No change	No change	5.4	Rare	Fair	Fair	11.8	76.9	77	1.68	1.67	14
Osage-orange	1	Maclura pomifera	Medium	7	10.1	27.8	Sm. dec.	No change	6.3	Common	Fair	Good	55.1	75.2	75.3	2.74	2.54	15
pin oak	1	Quercus palustris	Low	65.2	11.5	82.9	Sm. dec.	Sm. dec.	2.8	Abundant	Fair	Fair	81.7	68.8	68.8	3	2.99	16
blackgum	1	Nyssa sylvatica	Medium	7.5	2.3	10.2	Sm. dec.	Sm. dec.	5.9	Common	Fair	Fair	71.1	67.9	67.9	3	3	17
American hornbeam; m	1	Carpinus caroliniana	Low	5.2	1.9	6.8	No change	Sm. dec.	5.1	Common	Fair	Poor	66.5	67.6	67.6	0	0	18
black locust	1	Robinia pseudoacacia	Low	35.5	6.1	28.5	No change	No change	3.8	Common	Fair	Fair	82.1	65	65	3	3	19
hackberry	1	Celtis occidentalis	Medium	7	0.9	1.6	No change	No change	5.7	Rare	Fair	Fair	0.8	64.2	76	1.14	1.14	20
slippery elm	1	Ulmus rubra	Low	36.6	2.5	21.8	No change	No change	4.8	Common	Fair	Fair	71.2	62.5	62.5	2.83	2.83	21
eastern hophornbeam; i	1	Ostrya virginiana	Low	43.6	2.7	18	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	73.5	56.1	56.1	2.9	3	22
black cherry	1	Prunus serotina	Medium	97.1	11.5	144	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	82.1	45.6	45.6	3.24	3	23
shagbark hickory	1	Carya ovata	Medium	65.4	4.7	45.1	No change	Sm. dec.	4.4	Common	Fair	Poor	81.8	45.4	45.4	2.99	3	24
American beech	1	Fagus grandifolia	High	71.8	6.3	97.1	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	75.4	41.6	41.6	2.97	3	25
white ash	1	Fraxinus americana	Medium	96.5	11.9	176.2	No change	No change	2.7	Abundant	Fair	Fair	82.1	31.4	31.4	5.25	3.91	26
sassafras	0	Sassafras albidum	Low	24.4	6.9	22.5	Sm. dec.	Sm. dec.	4.2	Common	Poor	Poor	75	81.7	81.7	2.86	3	27
flowering dogwood	0	Cornus florida	Medium	8.2	1	2.3	No change	Sm. dec.	5	Rare	Poor	Very Poor	39.1	75	75	1.7	0	28
cucumbertree	0	Magnolia acuminata	Low	5.2	1.2	3.2	No change	No change	3.6	Rare	Poor	Poor	24.2	74.3	75.5	0	0	29
swamp white oak	0	Quercus bicolor	Low	20.9	12	45.3	Lg. dec.	Lg. dec.	4.9	Common	Poor	Poor	60.4	71.9	71.9	2.94	0	30
sycamore	1	Platanus occidentalis	Low	18.6	7	32.8	Sm. dec.	No change	4.8	Common	Poor	Fair	50.3	70.3	70.3	2.55	2.55	31
pignut hickory	0	Carya glabra	Medium	12.5	3	6.9	Sm. dec.	Sm. dec.	4.7	Common	Poor	Poor	48.4	64.2	64.2	2.41	2.31	32
black willow	0	Salix nigra	Low	12.5	3.2	13.9	No change	No change	2.8	Common	Poor	Poor	55.2	58.9	58.9	0	2.46	33
American basswood	0	Tilia americana	Medium	69.8	5.2	59	Lg. dec.	Lg. dec.	4.6	Common	Poor	Poor	82.1	42.3	42.3	3	3	34
eastern cottonwood	0	Populus deltoides	Low	42.8	9.7	72.7	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	80.9	42	42	2.96	2.97	35
sweetgum	2	Liquidambar styraciflua	High	0	0.5	1	No change	No change	4.1	Rare	Poor	Poor	8.9	35.9	53.3	0	1.06	36
eastern white pine	0	Pinus strobus	High	19.2	5.2	41	Lg. dec.	Very Lg. dec.	3.3	Common	Very Poor	Lost	58.9	71.1	71.1	0	0	37
scarlet oak	0	Quercus coccinea	Medium	3.8	0.9	1.2	Sm. dec.	Sm. dec.	4.6	Rare	Very Poor	Very Poor	28.8	60.9	62.2	0	0	38
red pine	0	Pinus resinosa	Medium	7	5	4.6	Lg. dec.	Very Lg. dec.	3	Rare	Very Poor	Lost	1.6	42.8	64.1	0	0	39
bigtooth aspen	0	Populus grandidentata	Medium	7	1.3	2.2	Very Lg. dec.	Very Lg. dec.	5.1	Rare	Lost	Lost	24.7	78	78	0	0	40
pin cherry	0	Prunus pensylvanica	Low	5.2	0.8	0.7	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	23.4	77.1	78.2	0	0	41
black ash	0	Fraxinus nigra	Medium	7	1	1.7	Very Lg. dec.	Very Lg. dec.	1.7	Rare	Lost	Lost	29.1	66.4	67.2	0	0	42
sweet birch	0	Betula lenta	High	7	0.6	0.5	Very Lg. dec.	Very Lg. dec.	3.2	Rare	Lost	Lost	0.2	47.6	69.9	0	0	43
Virginia pine	0	Pinus virginiana	High	13.9	0.6	0.5	Very Lg. dec.	Very Lg. dec.	3.8	Rare	Lost	Lost	0.3	36.6	61.8	0	0	44
black maple	0	Acer nigrum	Low	0	0.8	0.7	Very Lg. dec.	Very Lg. dec.	5.2	Rare	Lost	Lost	0.2	31.4	56	0	0	45
serviceberry	0	Amelanchier spp.	Low	1.4	0	0	Unknown	Unknown	4.8	Modeled	Unknown	Unknown	0	80.6	81.9	0	0	46
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	47
American mountain-ash	0	Sorbus americana	Low	0	0	0	Unknown	Unknown	3.1	Absent	Unknown	Unknown	0	0	5 NA	NA	0	48
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	58.6	75.1	1	1	49
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	38.7	62.5	1	1.12	50
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	36.6	62.8	1	1	51
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	28.1	57.3	1	1	52
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	25.7	55.7	2.64	4	53

# HUC8\_Black-Rocky\_Distrib2

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Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	7.2	32.1	1	1	54
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	7	31.2	1	1	55
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.3	4.5	2	6.25	56
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.2	6.2	0	0	57
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.2	7.3	0	2.57	58
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.2	0	2.5	59
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	60
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0.6	0	1.92	61
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.4	0	2.5	62
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	63
Norway spruce	0	Picea abies	FIA Only	7.6	1.8	4.5	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	64