

Table 20. Wabigoon: Modeled climatic habitat for species for five consecutive 30-year climate normal periods, including two historic periods (1960s and 1990s) and three future periods (2020s, 2050s, and 2080s). Species values represent an estimated proportion of the land base, assuming no human disturbance. An estimated percent of climate conditions suitable for cropland or rangeland use, are provided as well as climate conditions not supporting forested ecosystems

Scientific name	Common name	1960s	1990s	2020s	2050s	2080s
	Non-Forested	50.16	45.06	53.99	55.77	49.01
	Agriculture	1.3	2.21	16.47	51.49	69.85
<i>Picea mariana</i>	black spruce	20.8	11.09	5.58	1.43	0.22
<i>Pinus banksiana</i>	jack pine	9.36	5	3.38	1.46	0.53
<i>Betula papyrifera</i>	paper birch	3.89	4.66	3.08	1.73	1.21
<i>Abies balsamea</i>	balsam fir	3.15	5.61	3.06	0.96	0.25
<i>Picea glauca</i>	white spruce	1.22	1.36	1.03	0.39	0.24
<i>Larix laricina</i>	tamarack	1.14	2.16	1.54	0.85	0.5
<i>Thuja occidentalis</i>	northern white cedar	0.66	3.59	2.21	1.06	0.64
<i>Populus tremuloides</i>	quaking aspen	0.51	7.84	7.41	6.1	4.57
<i>Pinus strobus</i>	eastern white pine	0.45	1.08	0.81	1.02	1.08
<i>Pinus resinosa</i>	red pine	0.36	1.95	2.11	2.36	2.56
<i>Fraxinus nigra</i>	black ash	0.23	2.19	2.14	2.09	1.52
<i>Acer rubrum</i>	red maple	0.06	1.57	1.47	2.27	2.88
<i>Populus balsamifera</i>	balsam poplar	0.04	0.73	0.58	0.32	0.15
<i>Fraxinus americana</i>	white ash	0.03	0.01	0.05	0.15	0.46
<i>Fraxinus pennsylvanica</i>	green ash	0.02	0.15	0.6	1.76	2.49
<i>Acer saccharum</i>	sugar maple	0.02	0.71	1.05	1.34	2.16
<i>Betula alleghaniensis</i>	yellow birch	0.01	0.17	0.11	0.14	0.12
<i>Populus grandidentata</i>	bigtooth aspen	0.01	0.29	0.72	1.06	0.98
<i>Tsuga canadensis</i>	eastern hemlock	0.01	0.08	0.04	0.05	0.05
<i>Quercus rubra</i>	northern red oak	0	0.22	1.39	3.26	4.35
<i>Prunus serotina</i>	black cherry	0	0.05	0.06	0.32	0.91
<i>Acer saccharinum</i>	silver maple	0	0.03	0.08	0.68	1.43
<i>Tilia americana</i>	American basswood	0	0.49	1.49	2.67	3.63
<i>Ulmus americana</i>	American elm	0	0.11	0.35	1.05	2.2
<i>Quercus velutina</i>	black oak	0	0.01	0.01	0.34	0.63
<i>Quercus alba</i>	white oak	0	0	0.02	0.69	1.12
<i>Pinus sylvestris</i>	Scots pine	0	0	0.01	0.08	0.13
<i>Juniperus virginiana</i>	eastern redcedar	0	0	0.02	0.18	0.58
<i>Populus deltoides</i>	eastern cottonwood	0	0	0.01	0.13	0.71
<i>Celtis occidentalis</i>	hackberry	0	0	0	0.06	0.29
<i>Carya cordiformis</i>	bitternut hickory	0	0	0	0.08	0.34
<i>Robinia pseudoacacia</i>	black locust	0	0	0	0.04	0.06
<i>Juglans nigra</i>	black walnut	0	0	0	0.01	0.23
<i>Carya ovata</i>	shagbark hickory	0	0	0	0	0.08