

Table 7. Haliburton: 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	39.07	34.29	38.29	32.35	36.52
	Agriculture	4.69	4.61	20.82	36.55	76.3
<i>Acer saccharum</i>	sugar maple	10.75	7.72	6.76	6.38	3.09
<i>Pinus strobus</i>	eastern white pine	5.07	7.8	7.05	5.18	1.72
<i>Betula papyrifera</i>	paper birch	4.59	4.05	1.39	0.48	0.16
<i>Acer rubrum</i>	red maple	4.54	6.84	8.94	9.35	5.21
<i>Abies balsamea</i>	balsam fir	4.25	4.14	1.79	0.3	0.03
<i>Betula alleghaniensis</i>	yellow birch	3.4	3.04	1.75	0.96	0.23
<i>Tsuga canadensis</i>	eastern hemlock	3.18	6.03	6.57	4.23	0.59
<i>Thuja occidentalis</i>	northern white cedar	2.87	1.68	1.95	1.52	0.55
<i>Quercus rubra</i>	northern red oak	2.43	3.14	2.89	3.63	3.27
<i>Populus tremuloides</i>	quaking aspen	2.06	0.98	1.31	2.08	1.12
<i>Picea glauca</i>	white spruce	1.7	1.03	0.32	0.18	0.48
<i>Picea mariana</i>	black spruce	1.42	0.93	0.06	0.02	0.01
<i>Fagus grandifolia</i>	American beech	1.4	3.06	2.62	1.9	0.61
<i>Populus grandidentata</i>	bigtooth aspen	0.84	0.56	0.62	1.42	0.66
<i>Tilia americana</i>	American basswood	0.82	0.32	0.83	1.74	1.96
<i>Pinus banksiana</i>	jack pine	0.81	0.69	0.04	0.5	0.69
<i>Pinus resinosa</i>	red pine	0.76	0.7	0.67	2.52	1.3
<i>Fraxinus americana</i>	white ash	0.72	1.58	3.28	3.6	1.92
<i>Picea rubens</i>	red spruce	0.71	2.11	1.17	0.12	0.01
<i>Fraxinus nigra</i>	black ash	0.63	0.34	0.44	0.62	0.51
<i>Acer saccharinum</i>	silver maple	0.56	0.52	0.1	0.56	2.13
<i>Larix laricina</i>	tamarack	0.43	0.35	0.14	0.15	0.23
<i>Prunus serotina</i>	black cherry	0.43	1.02	2.21	3.13	4.43
<i>Populus balsamifera</i>	balsam poplar	0.11	0.06	0.06	0.05	0.01
<i>Ulmus americana</i>	American elm	0.11	0.15	0.7	1.38	2.73
<i>Quercus alba</i>	white oak	0.08	0.11	0.36	2.56	3.52
<i>Fraxinus pennsylvanica</i>	green ash	0.06	0.04	0.21	1.43	3.75
<i>Picea abies</i>	Norway spruce	0.03	0.21	0.57	0.58	0.18
<i>Carya cordiformis</i>	bitternut hickory	0.03	0.05	0.29	0.4	0.84
<i>Pinus sylvestris</i>	Scots pine	0.03	0.08	0.26	0.42	0.54
<i>Juniperus virginiana</i>	eastern redcedar	0.03	0.03	0.08	0.18	1.03
<i>Quercus velutina</i>	black oak	0.02	0.03	0.15	1.28	2.1
<i>Populus deltoides</i>	eastern cottonwood	0.01	0.01	0.04	0.31	2.34
<i>Carya ovata</i>	shagbark hickory	0.01	0.02	0.17	0.54	1.06