

Table 19. Temagami: 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	30.65	28.56	36.71	28.84	25.67
	Agriculture	0.38	0.4	1.8	6.4	18.94
<i>Picea mariana</i>	black spruce	12.24	6.63	3.06	0.55	0.06
<i>Betula papyrifera</i>	paper birch	10.6	7.05	4.97	2.53	1.31
<i>Abies balsamea</i>	balsam fir	8.27	14.22	7.61	3.47	2.26
<i>Thuja occidentalis</i>	northern white cedar	4.56	6.37	4.78	2.79	1.22
<i>Pinus banksiana</i>	jack pine	4.36	2.08	0.82	0.19	0.02
<i>Betula alleghaniensis</i>	yellow birch	3.94	4.62	3.48	3.35	3.06
<i>Acer saccharum</i>	sugar maple	3.5	5.75	10.4	11.7	9.73
<i>Picea glauca</i>	white spruce	3.04	2.79	2.23	0.86	0.16
<i>Pinus strobus</i>	eastern white pine	3.04	2.73	3.31	5.96	7.09
<i>Populus tremuloides</i>	quaking aspen	2.43	1.85	2.04	1.85	1.54
<i>Picea rubens</i>	red spruce	1.95	5.43	2.11	1.84	2.21
<i>Acer rubrum</i>	red maple	1.83	3.7	3.3	9.32	12.47
<i>Larix laricina</i>	tamarack	0.8	0.51	0.55	0.33	0.19
<i>Populus grandidentata</i>	bigtooth aspen	0.67	0.56	0.76	0.73	1.03
<i>Pinus resinosa</i>	red pine	0.5	0.4	0.7	0.77	0.7
<i>Tsuga canadensis</i>	eastern hemlock	0.49	0.51	1.72	5.89	7.55
<i>Fagus grandifolia</i>	American beech	0.43	1.14	1.14	3.28	4.63
<i>Quercus rubra</i>	northern red oak	0.37	0.36	1.79	2.57	2.75
<i>Acer saccharinum</i>	silver maple	0.22	0.13	0.53	0.25	0.09
<i>Populus balsamifera</i>	balsam poplar	0.19	0.36	0.24	0.1	0.05
<i>Fraxinus nigra</i>	black ash	0.16	0.18	0.63	0.62	0.32
<i>Tilia americana</i>	American basswood	0.08	0.08	0.77	1.09	0.93
<i>Fraxinus americana</i>	white ash	0.022	0.073	0.359	2.139	3.819
<i>Prunus serotina</i>	black cherry	0.01	0.02	0.16	1.89	3.02
<i>Picea abies</i>	Norway spruce	0	0	0	0.57	0.76
<i>Fraxinus pennsylvanica</i>	green ash	0	0	0.03	0.15	0.22
<i>Ulmus americana</i>	American elm	0	0	0.05	0.53	0.74
<i>Quercus alba</i>	white oak	0	0	0.05	0.13	0.28
<i>Pinus sylvestris</i>	Scots pine	0	0	0.01	0.2	0.32
<i>Carya cordiformis</i>	bitternut hickory	0	0	0.01	0.16	0.29
<i>Quercus velutina</i>	black oak	0	0	0	0.05	0.15
<i>Juniperus virginiana</i>	eastern redcedar	0	0	0	0.02	0.06
<i>Quercus prinus</i>	chestnut oak	0	0	0	0.05	0.21
<i>Carya ovata</i>	shagbark hickory	0	0	0	0.049	0.178
<i>Robinia pseudoacacia</i>	black locust	0	0	0	0.047	0.102