

Table 10. Kenora: 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	59.15	43.71	62.59	65.19	56.26
	Agriculture	3.69	3.32	30.72	65.87	79.39
<i>Picea mariana</i>	black spruce	14.31	8.91	3.24	0.62	0.1
<i>Pinus banksiana</i>	jack pine	7.85	3.23	2.75	0.99	0.42
<i>Betula papyrifera</i>	paper birch	3.11	3.72	2.07	1.16	0.87
<i>Abies balsamea</i>	balsam fir	2.61	5.53	1.49	0.4	0.11
<i>Populus tremuloides</i>	quaking aspen	1.45	10.57	5.92	4.6	3.4
<i>Picea glauca</i>	white spruce	1.22	1.27	0.78	0.23	0.2
<i>Larix laricina</i>	tamarack	1.16	3.2	1.2	0.53	0.33
<i>Thuja occidentalis</i>	northern white cedar	0.69	4.94	0.91	0.48	0.47
<i>Pinus strobus</i>	eastern white pine	0.34	1.04	0.55	0.77	0.81
<i>Fraxinus nigra</i>	black ash	0.34	3.22	1.5	1.39	1.08
<i>Pinus resinosa</i>	red pine	0.31	2.4	1.9	1.84	2.16
<i>Populus balsamifera</i>	balsam poplar	0.18	1.15	0.37	0.22	0.1
<i>Fraxinus pennsylvanica</i>	green ash	0.06	0.28	0.87	1.85	2.45
<i>Fraxinus americana</i>	white ash	0.05	0.01	0.07	0.09	0.39
<i>Tilia americana</i>	American basswood	0.01	0.82	1.82	2.44	3.19
<i>Ulmus americana</i>	American elm	0.01	0.2	0.48	1.05	2.09
<i>Acer rubrum</i>	red maple	0.01	1.86	0.86	1.37	2.16
<i>Acer saccharum</i>	sugar maple	0.01	0.84	0.95	0.91	1.76
<i>Betula alleghaniensis</i>	yellow birch	0	0.16	0.06	0.09	0.09
<i>Acer saccharinum</i>	silver maple	0	0.05	0.14	0.72	1.52
<i>Populus grandidentata</i>	bigtooth aspen	0	0.38	0.75	0.78	0.72
<i>Quercus rubra</i>	northern red oak	0	0.34	1.67	2.67	3.6
<i>Tsuga canadensis</i>	eastern hemlock	0	0.09	0.01	0.02	0.04
<i>Prunus serotina</i>	black cherry	0	0.06	0.07	0.29	0.82
<i>Quercus velutina</i>	black oak	0	0.01	0.02	0.28	0.53
<i>Quercus alba</i>	white oak	0	0.01	0.05	0.5	0.81
<i>Pinus sylvestris</i>	Scots pine	0	0.01	0.02	0.08	0.12
<i>Populus deltoides</i>	eastern cottonwood	0	0	0.03	0.16	0.79
<i>Juniperus virginiana</i>	eastern redcedar	0	0	0.04	0.2	0.59
<i>Celtis occidentalis</i>	hackberry	0	0	0.01	0.08	0.34
<i>Carya cordiformis</i>	bitternut hickory	0	0	0	0.04	0.3
<i>Juglans nigra</i>	black walnut	0	0	0	0.01	0.22