

**Table 13. Peace River East:** 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	40.57	50.25	66.86	81.84	82.27
	Agriculture	13.73	49.87	50.6	63.05	61.61
<i>Populus tremuloides</i>	quaking aspen	25.77	35.54	24.66	12.09	10.8
<i>Picea mariana</i>	black spruce	14.85	4.26	2.72	0.61	0.46
<i>Picea glauca</i>	white spruce	6.71	3.62	1.88	0.47	0.3
<i>Pinus banksiana</i>	jack pine	5	0.83	0.61	0.28	0.25
<i>Larix laricina</i>	tamarack	2.9	0.86	0.91	0.19	0.19
<i>Populus balsamifera</i>	balsam poplar	2.03	2.77	1.7	0.83	0.65
<i>Pinus contorta</i>	lodgepole pine	0.58	0.75	0.06	0.01	0
<i>Betula papyrifera</i>	paper birch	0.55	0.41	0.27	0.28	0.33
<i>Abies balsamea</i>	balsam fir	0.08	0.03	0.06	0.25	0.29
<i>Fraxinus nigra</i>	black ash	0	0	0.01	0.18	0.28
<i>Thuja occidentalis</i>	northern white cedar	0	0	0.01	0.12	0.19
<i>Fraxinus pennsylvanica</i>	green ash	0	0	0	0.71	0.94
<i>Acer rubrum</i>	red maple	0	0	0	0.08	0.14
<i>Pinus resinosa</i>	red pine	0	0	0	0.06	0.17
<i>Pinus strobus</i>	eastern white pine	0	0	0	0.05	0.07
<i>Acer saccharum</i>	sugar maple	0	0	0	0.05	0.1
<i>Tilia americana</i>	American basswood	0	0	0	0.02	0.1
<i>Quercus rubra</i>	northern red oak	0	0	0	0.01	0.09
<i>Populus grandidentata</i>	bigtooth aspen	0	0	0	0.01	0.05