

SITE INDEX EQUATIONS AND CURVES
FOR THE MAJOR TREE SPECIES
IN BRITISH COLUMBIA

MINISTRY OF FORESTS
INVENTORY BRANCH
1450 GOVERNMENT STREET
VICTORIA, B.C. V8W 3E7

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Table 3

Reference heights in metres for the site classes
of the major tree species in British Columbia
at reference age 50 years

Genus/Species	Common Name	Site Class			
		Good	Med.	Poor	Low
<u>Abies</u> sp. (coast)	Balsam	24.5	17.0	9.4	
<u>Abies</u> sp. (interior)	Balsam	15.3	11.6	7.3	
<u>Acer macrophyllum</u>	Broadleaf maple	32.0	20.4	11.7	
<u>Alnus rubra</u>	Red alder	30.1	19.1	10.9	
<u>Betula papyrifera</u>	Common paper birch	25.6	16.3	9.3	
<u>Chamaecyparis nootkatensis</u>	Yellow cedar	27.3	18.9	10.5	
<u>Larix</u> sp.	Larch	19.1	14.9	8.5	
<u>Picea sitchensis</u> (coast)	Sitka spruce	30.0	20.8	11.5	
<u>Picea</u> sp. (interior)	Spruce	16.0	12.2	7.5	
<u>Pinus albicaulis</u>	Whitebark pine	18.8	15.6	6.3	
<u>Pinus contorta</u>	Lodgepole pine	19.5	15.1	9.7	
<u>Pinus monticola</u>	Western white pine	18.8	15.6	6.3	
<u>Pinus ponderosa</u>	Yellow pine	13.1	10.2	6.3	
<u>Populus balsamifera</u> subsp. <u>balsamifera</u>	Balsam poplar	24.5	15.6	8.9	
<u>Populus tremuloides</u>	Aspen	24.8	15.8	9.0	
<u>Populus balsamifera</u> subsp. <u>trichocarpa</u>	Black cottonwood	24.5	15.6	8.9	
<u>Pseudotsuga menziesii</u> (coast)	Douglas-fir	31.8	22.7	13.6	
<u>Pseudotsuga menziesii</u> (interior)	Douglas-fir	19.9	15.4	8.8	
<u>Thuja plicata</u> (coast)	Western red cedar	27.3	18.9	10.5	
<u>Thuja plicata</u> (interior)	Western red cedar	18.2	14.6	7.3	
<u>Tsuga</u> sp. (coast)	Hemlock	27.0	18.7	10.4	
<u>Tsuga</u> sp. (interior)	Hemlock	18.2	14.6	7.3	

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