

TFL 35 Biodiversity Strategy Old Growth Analysis

The following outlines the process used to determine the old growth requirements contributing to the Biodiversity Strategy for TFL 35.

Process:

1. Using successive iterations, the THLB old seral constraint was changed until a harvest level of 136,000m³/yr was achieved. A harvest level of 136,000m³/yr was attained by constraining 2% of the THLB greater than or equal to 140 years of age.
2. The average stand volume harvested between 2000 and 2045 was 315 m³/ha. 2045 was selected as the end point because regeneration is harvested in the next period.
3. The total standing volume of mature timber on the THLB is 5,581,605 m³. 2% of this total is 111,632 m³.
4. To convert the constrained volume into hectares the 315 m³/ha is divided into 111,632 m³, resulting in an area equivalent of 354 hectares.
5. Therefore, the total area that would need to be removed from the THLB to maintain a harvest level of 136,000 m³/yr is 354 ha.