

Appendix 2: Timber Supply Analysis Data

FMU E8

TIMBER SUPPLY ANALYSIS

Timber Supply Analysis Data



Forest Management Branch
Resource Analysis Section
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The accompanying DVD contains various data components of the timber supply analysis conducted for the E8 Forest Management Plan.

Four directories are included on the attached DVD:

1. "Documents"
2. "Landbase"
3. "Planning Standard Data Tables"
4. "TSA"

The "Documents" directory contains PDFs of:

- The landbase netdown process named "E8 Net Landbase Final.pdf";
- The timber supply analysis process named "E8 Timber Supply Analysis Final.pdf";
- The growth and yield development process named "1307 documentation Feb07.pdf";
- This document, "E8 Timber Supply Analysis Data.pdf", listing the content of the provided data DVD.

A sub-directory named "TSA Document Maps" is also contained within the "Documents" directory. It contains PDFs intended to be printed on an ANSI E sheet size. The PDF named "20 Year Harvest Sequence Large.pdf" is the map referenced on the bottom of page 52 of the timber supply analysis process document ("E8 Timber Supply Analysis Final.pdf"). The PDF named "SeralStateOverTimeSummaryLarge.pdf" is the seral stage map, while the PDF named "PatchSizeOverTimeSummaryLarge.pdf" is the patch size map which both are referenced on the bottom of page 53 of the timber supply analysis process document ("E8 Timber Supply Analysis Final.pdf").

The "Landbase" directory contains the net landbase shape file ("e8_net9") of the E8 FMU. The landbase netdown process is documented, complete with a data dictionary, in the landbase netdown process document ("E8 Net Landbase Final.pdf"). This shape file also contains the 70 year spatial harvest sequence attributes.

The "Planning Standard Data Tables" directory contains two datasets produced that reflect the required attribute reporting of the spatial harvest sequence and the future forest condition:

1. The dataset named "5_11_LinkTable.DBF" contains the data specified in Section 8.11, and Reference Section 1 – Harvest Schedule – 20 Year Spatial Harvest Sequence.
2. The dataset named "5_10_future_condition.dbf" contains the data specified in Section 8.7, and Reference Section 1 –Future Forest Condition.

Finally the "TSA" directory contains the Remsoft Spatial Planning System (RSPS) key models used in developing this FMP. Three models have been provided, each in their own directory that give the inputs and out puts for the model runs listed as follows:

1. The directory named "Aspatial Solution" contains the model used to develop the Preferred Forest Management Strategy (PFMS) aspatial AAC as referenced in Section

6.1.10 of the timber supply analysis process document (“E8 Timber Supply Analysis Final.pdf”).

2. The directory named “Spatial Playback” contains the model used to develop the PFMS spatial AAC as referenced in Section 8.1 of the timber supply analysis process document (“E8 Timber Supply Analysis Final.pdf”).
3. The directory named “Re-Optimized Post Playback” contains the model used to demonstrate the resultant aspatial AAC that could be expected after following the spatial harvest sequence for 70 years, as discussed in Sections 7 and 8.1 of the timber supply analysis process document (“E8 Timber Supply Analysis Final.pdf”).