

## Run 2

Everything was kept the same on this run as in Run 5, with the exception that the stands with coniferous understory transition strategy was applied. This run was designed to determine the impact of implementing this transition strategy on the AAC.

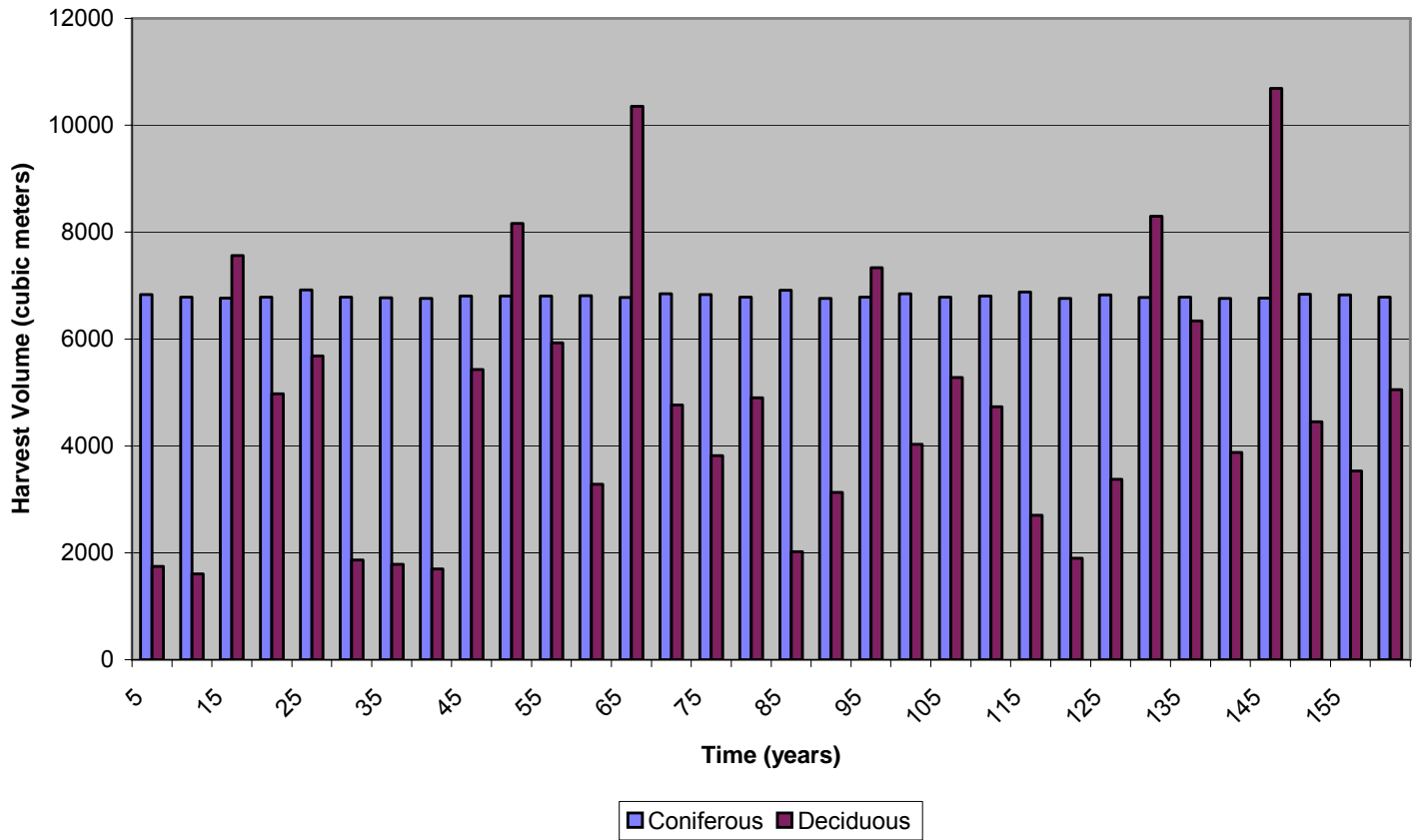
**TABLE 18.18: SUMMARY OF RUN 2 OBJECTIVES, CONSTRAINTS AND RESULTS.**

Forest Management Strategy #	Landbase Strategy	Yield Curve Transition	Primary Species	Flow Constraint	Planning Horizon	Target Harvest Age	Minimum Harvest Age	Planned Blocks Sequenced	Adjacency	Adjacency Horizon	Green Up Period	Accum. Block Area (ha)	Conifer AAC	Deciduous AAC
2	Single	Status Quo with conifer understory transition	Conifer	Even Flow	160	80	70-Conifer 50-Deciduous	Applied	Off	N/A	N/A	N/A	6,794 (20 yr Avg.)	3,971 (20yr Avg.)

**TABLE 18.19: RUN 2 – ANNUAL HARVEST FLOW SUMMARY**

Period	Coniferous Volume	Deciduous Volume
5	6835	1744
10	6785	1605
15	6767	7562
20	6787	4972
25	6921	5682
30	6785	1865
35	6772	1785
40	6761	1699
45	6808	5431
50	6804	8164
55	6809	5927
60	6811	3285
65	6776	10358
70	6842	4770
75	6833	3820
80	6788	4900
85	6910	2016
90	6759	3130
95	6784	7336
100	6845	4033
105	6788	5282
110	6809	4734
115	6878	2698
120	6757	1902
125	6828	3377
130	6781	8297
135	6785	6341
140	6762	3878
145	6766	10688
150	6836	4453
155	6824	3527
160	6787	5052
20 year average	6794	3971
160 year average	6806	4697

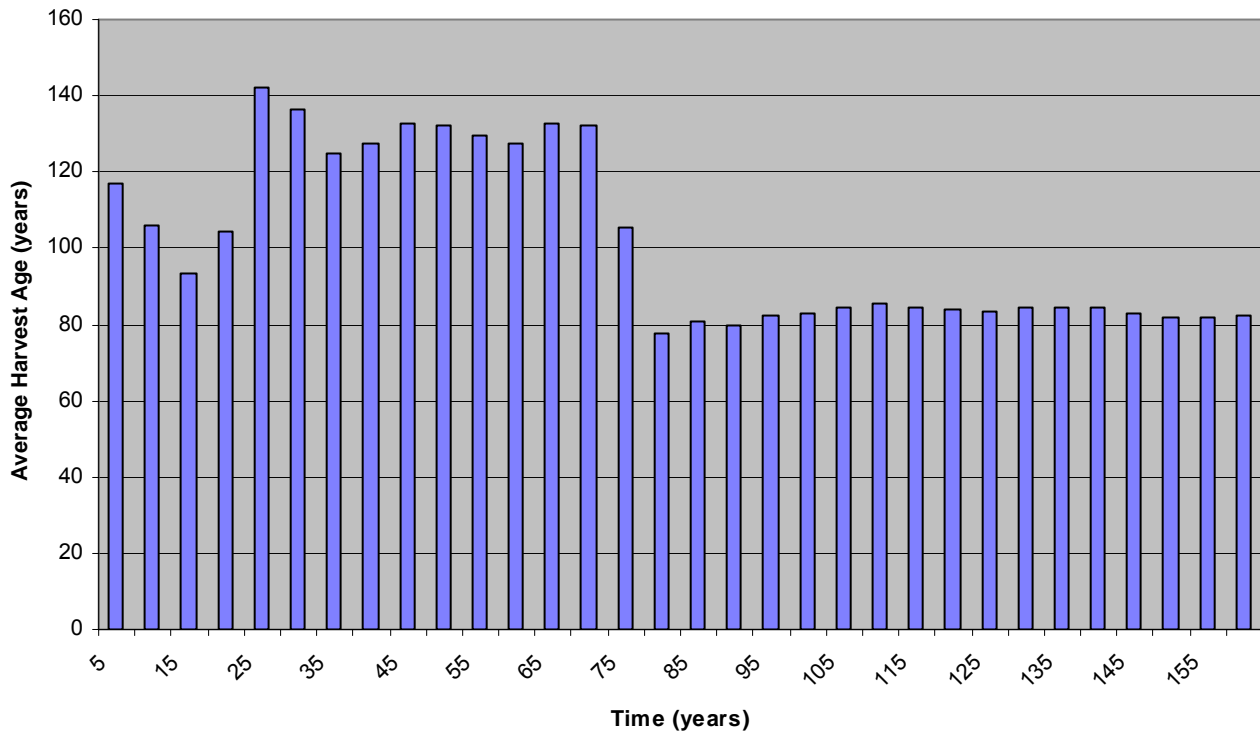
**FIGURE 18.13: RUN 2 – ANNUAL HARVEST FLOW SUMMARY**



**TABLE 18.20: RUN 2 – AVERAGE HARVEST AGE SUMMARY**

Period	Average Harvest Age
5	117
10	106
15	93
20	104
25	142
30	137
35	125
40	128
45	133
50	132
55	130
60	128
65	133
70	132
75	106
80	78
85	81
90	80
95	83
100	83
105	85
110	85
115	85
120	84
125	84
130	84
135	84
140	84
145	83
150	82
155	82
160	82

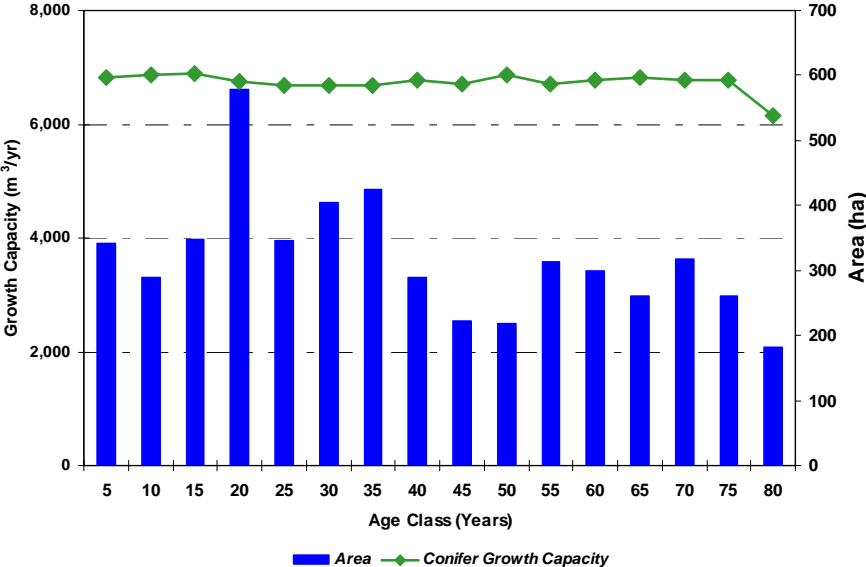
**FIGURE 18.14: RUN 2 – AVERAGE HARVEST AGE SUMMARY**



**TABLE 18.21: RUN 2 – GROWTH CAPACITY AT 160 YEARS.**

Age	Area (ha)	Growth Capacity Total	Annual Growth Capacity
5	342.8	34135.6	6827.12
10	289.7	34388.1	6877.62
15	348.5	34438.7	6887.74
20	579.1	33712.3	6742.46
25	345.1	33449.8	6689.96
30	404.9	33442.3	6688.46
35	424.4	33443	6688.6
40	288.4	33906.9	6781.38
45	222.2	33560.2	6712.04
50	219.2	34348	6869.6
55	314	33499.9	6699.98
60	299.1	33848	6769.6
65	260.8	34133.4	6826.68
70	318.4	33921.2	6784.24
75	260	33846.6	6769.32
80	182.5	30731.6	6146.32
<b>Total</b>	<b>5099.1</b>	<b>538805.6</b>	<b>107761.12</b>

**FIGURE 18.15: RUN 2 – POST HARVEST FOREST CONDITIONS<sup>1</sup> AT 160 YEARS IN FUTURE.**

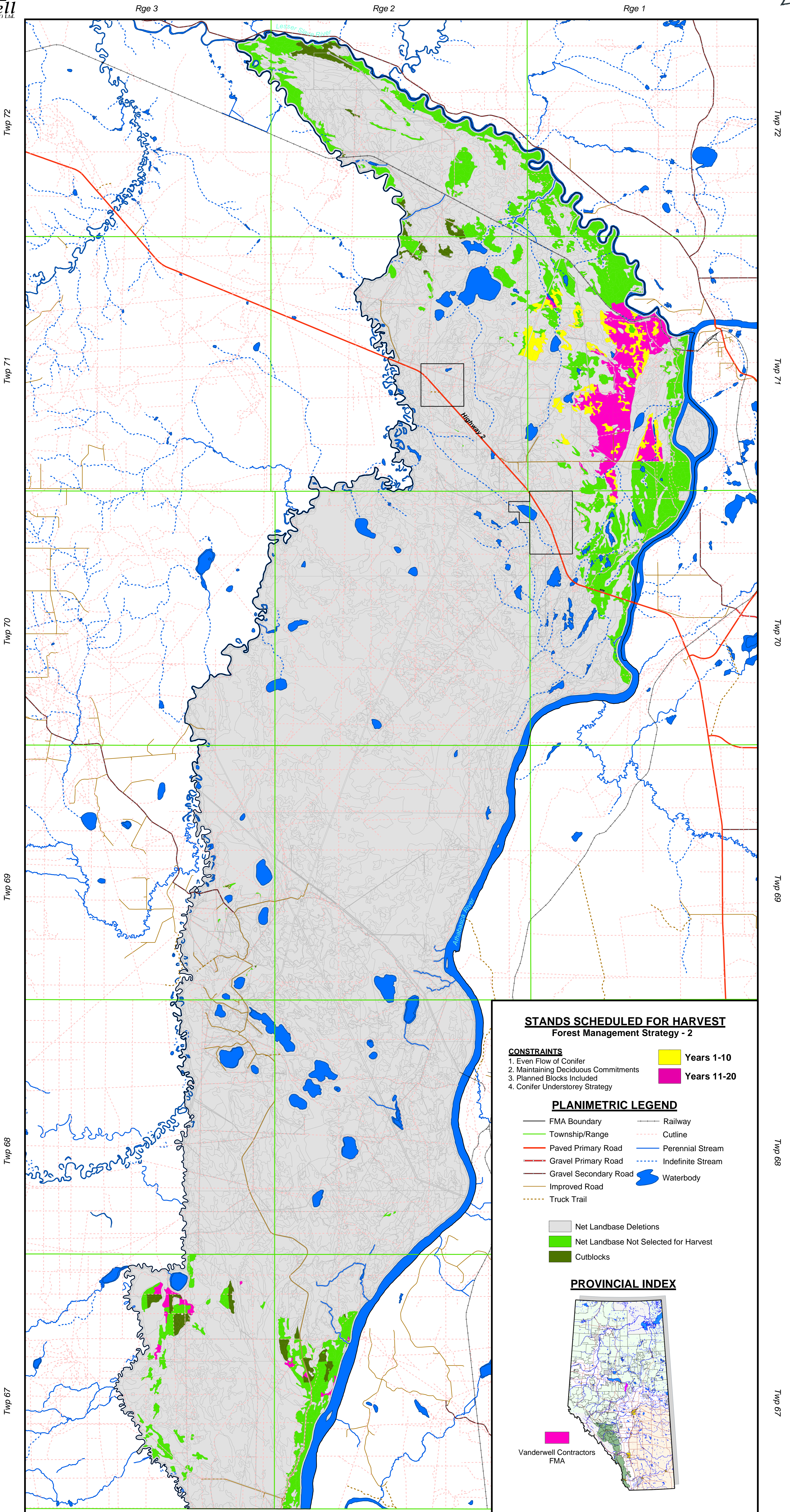
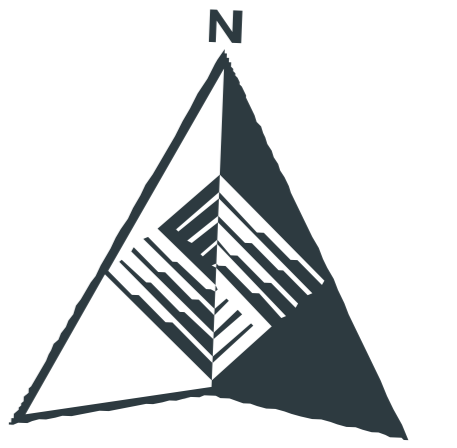


<sup>1</sup> Projected structure of the net landbase after 160 years. The age class distribution (bars) and harvest age volume (growth capacity – line symbol) associated with each age class are presented.



# 20 YEAR HARVEST SEQUENCE

## Within the Vanderwell FMA



### STANDS SCHEDULED FOR HARVEST

#### Forest Management Strategy - 2

- CONSTRAINTS**
1. Even Flow of Conifer
  2. Maintaining Deciduous Commitments
  3. Planned Blocks Included
  4. Conifer Understorey Strategy

- Years 1-10
- Years 11-20

#### PLANIMETRIC LEGEND

- FMA Boundary
- Township/Range
- Paved Primary Road
- Gravel Primary Road
- Gravel Secondary Road
- Improved Road
- Truck Trail
- Railway
- Cutline
- Perennial Stream
- Indefinite Stream
- Waterbody

- Net Landbase Deletions
- Net Landbase Not Selected for Harvest
- Cutblocks

#### PROVINCIAL INDEX

