## Stanley Output for Preferred Forest Management Scenario

Table 0.1 General information

| Version | 5.6 .0 |
| :--- | :--- |
| Date | Dec 162005 |
| Time | $12: 27: 48 \mathrm{pm}$ |
| Periods to block | $1 . .14$ |
| Max deviations (periods) | 4 |

Table 0.2 Objectives

| Objective |  | Weight |
| :--- | :--- | :--- |
| 1. Convol | (Coniferous Harvest) | 1 |
| 2. Decvol | (Deciduous Harvest) | 2.50 |

Table 0.3 Preblocks

| Action | Preblocks | Greenup delay | Max opening | Multi-period |
| :--- | :--- | :--- | :--- | :--- |
| Concc | $32,649.9$ | 2 | 360 | No |
| Deccc | $43,899.5$ | 1 | 360 | No |

Table 0.4 Conifer Rule set "Rule Set 1"

| Adjacent distance | 55 |
| :--- | :--- |
| Minimum block size | 2 |
| Target block size | 75 |
| Proximal distance | 21 |
| Greenup delay | 2 |
| Maximum opening size | 360 |
| Allow multi-period openings | No |

Table 0.5 D, DC, and CD Rule set "Rule Set 2"

| Adjacent distance | 55 |
| :--- | :--- |
| Minimum block size | 2 |
| Target block size | 75 |
| Proximal distance | 21 |
| Greenup delay | 1 |
| Maximum opening size | 360 |
| Allow multi-period openings | No |

Table 0.6 Objective "CONVOL"

| Period | Objective | Preblocks | Allocated | Percent | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $2,676,257$ | $1,785,238$ | $2,314,307$ | $86.5 \%$ | 5.0 |
| 2 | $2,676,256$ | $2,247,839$ | $2,676,160$ | $100.0 \%$ | 5.0 |
| 3 | $2,676,257$ | $1,515,659$ | $2,676,265$ | $100.0 \%$ | 3.0 |
| 4 | $2,676,257$ | $1,118,349$ | $2,676,216$ | $100.0 \%$ | 1.0 |
| 5 | $2,676,257$ | 91,151 | $2,676,274$ | $100.0 \%$ | 1.0 |
| 6 | $2,676,257$ | 0 | $2,676,211$ | $100.0 \%$ | 1.0 |
| 7 | $2,676,257$ | 0 | $2,676,119$ | $100.0 \%$ | 1.0 |
| 8 | $2,676,257$ | 0 | $2,676,243$ | $100.0 \%$ | 1.0 |
| 9 | $2,676,257$ | 0 | $2,676,126$ | $100.0 \%$ | 1.0 |
| 10 | $2,676,257$ | 0 | $2,676,221$ | $100.0 \%$ | 1.0 |
| 11 | $2,676,257$ | 0 | $2,676,152$ | $100.0 \%$ | 1.0 |
| 12 | $2,676,257$ | 0 | $2,676,267$ | $100.0 \%$ | 1.0 |
| 13 | $2,544,255$ | 0 | $2,313,084$ | $90.9 \%$ | 0 |
| 14 | $2,518,401$ | 0 | 400,940 | $15.9 \%$ | 0 |
| Total | $37,177,734$ |  | $34,466,585$ | $92.7 \%$ |  |



Figure 0.1 Objective "CONVOL"

Table 0.7 Objective "DECVOL"

| Period | Objective | Preblocks | Allocated | Percent | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $1,674,090$ | $1,083,158$ | $1,597,940$ | $95.5 \%$ | 5.0 |
| 2 | $1,674,090$ | $1,186,155$ | $1,496,702$ | $89.4 \%$ | 5.0 |
| 3 | $1,674,090$ | 420,382 | $1,663,991$ | $99.4 \%$ | 4.0 |
| 4 | $1,674,090$ | 144,411 | $1,570,604$ | $93.8 \%$ | 3.0 |
| 5 | $1,674,090$ | 1,383 | $1,659,577$ | $99.1 \%$ | 3.0 |
| 6 | $1,674,090$ | 0 | $1,651,305$ | $98.6 \%$ | 3.0 |
| 7 | $1,674,090$ | 0 | $1,499,781$ | $89.6 \%$ | 3.0 |
| 8 | $1,674,090$ | 0 | $1,565,661$ | $93.5 \%$ | 3.0 |
| 9 | $1,674,090$ | 0 | $1,621,042$ | $96.8 \%$ | 3.0 |
| 10 | $1,674,090$ | 0 | $1,638,525$ | $97.9 \%$ | 3.0 |
| 11 | $1,674,090$ | 0 | $1,622,850$ | $96.9 \%$ | 3.0 |
| 12 | $1,674,090$ | 0 | $1,663,595$ | $99.4 \%$ | 3.0 |
| 13 | 876,915 | 0 | 184,954 | $21.1 \%$ | 0 |
| 14 | 765,213 | 0 | 181,295 | $23.7 \%$ | 0 |
| Total | $21,731,208$ |  | $19,617,823$ | $90.3 \%$ |  |

## - Stanley Scenario Dec6_05.spf5:

$-\square \times$


General $\mid$ Blocked Activities $\mid$ Rule Set $1 \mid$ Rule Set $2 \mid$ Convol Decvol
Output Name
Desired flow tolerance (\%) $10 \quad \nabla$ Graph


unning $90.5 \%$ Improvement phase 11

Figure 0.2 Objective "DECVOL"


Figure 0.3 Solution Statistics

