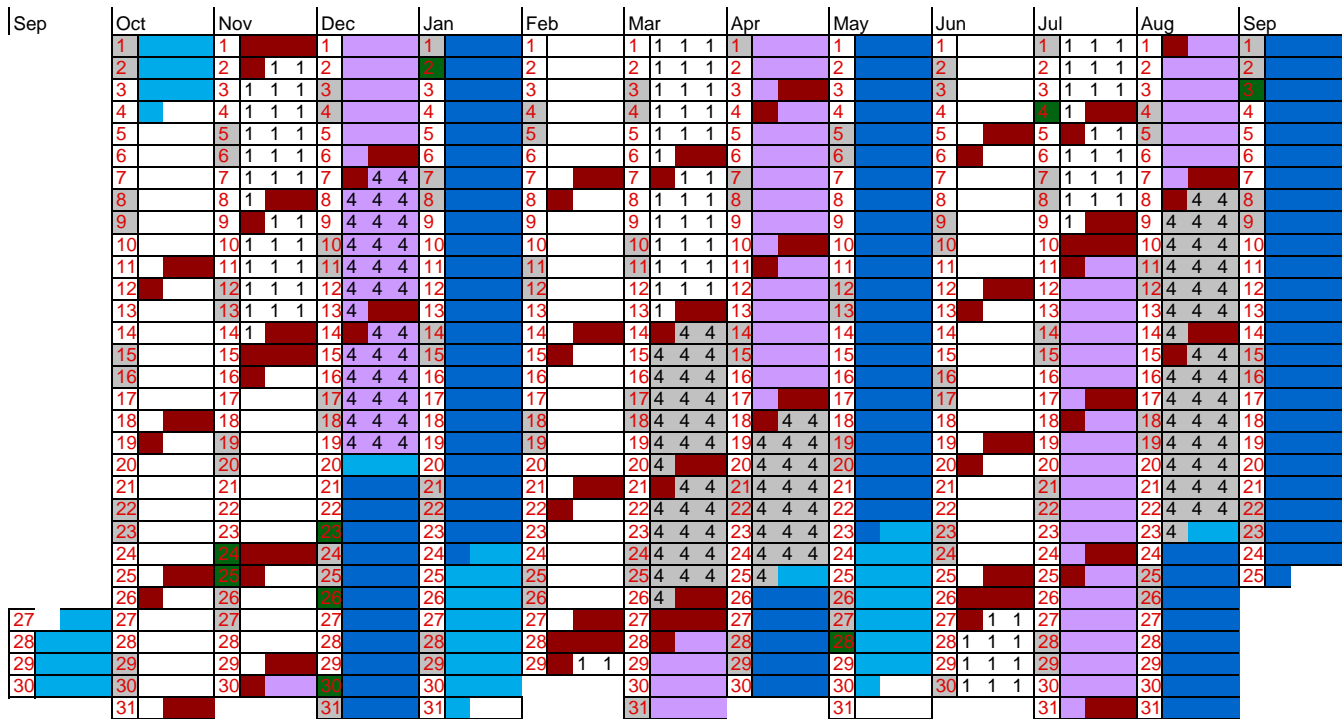


# APS Long-Range Operations Schedule

Run 2011-3

Run 2012-1

Run 2012-2



- User Operation in standard lattice
  - User Operation in Reduced Horizontal Lattice(RHB)
  - Machine Studies
  - Maintenance
  - Lab Holidays
  - Anticipated Extension of Maintenance Periods due to Budget Limitations
- Top-Up Operations is standard unless indicated in fill pattern
- Fill pattern is 24 singlets unless otherwise indicated by number

## Breakdown of User Shifts by Fill Pattern

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts	Total Hours
2011-3	125	33	35	193	1544
2012-1	126	36	54	216	1728
2012-2	141	33	42	216	1728
<b>SUM</b>	<b>392</b>	<b>102</b>	<b>131</b>	<b>625</b>	<b>5000</b>