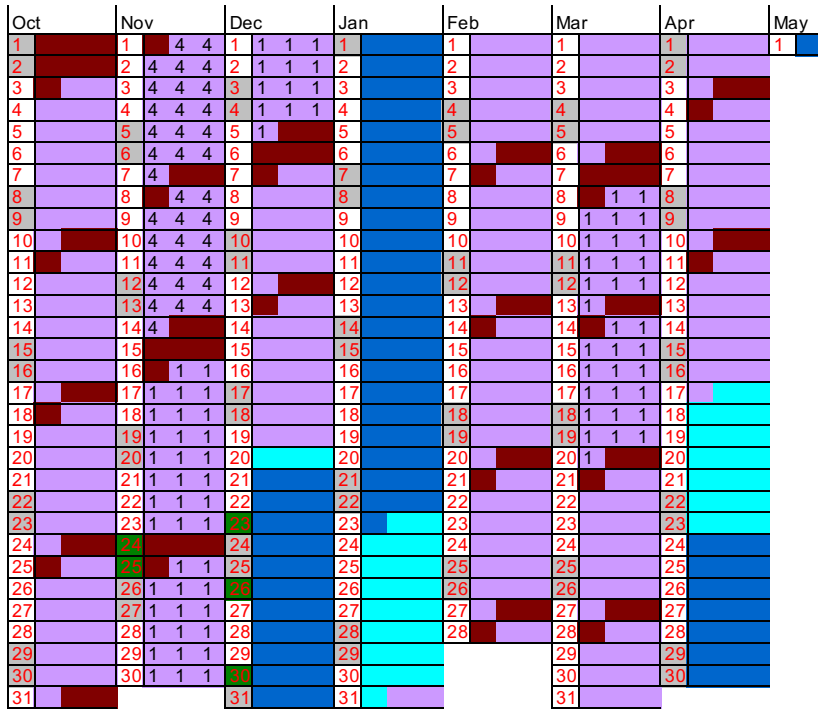


APS Long-Range Operations Schedule

Run 2022-3

Run 2023-1



User Operation in standard lattice
 User Operation in Reduced Horizontal Lattice(RHB)

SOM Periods
 1 Hybrid Fill - (singlet)
 4 324 Singlets - Non Top-Up
 4 324 Singlets RHB - Non Top-Up

Machine Studies
 Maintenance
 Shifts set aside for Studies/ Machines Intervention as Needed

Weekends
 Lab Holidays
 Beam returned to users as supplemental time

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
2022-3	110	53	36	199	1592
2023-1	162	33	0	195	1560
SUM	272	86	36	394	3152