

CY 2021 LUF Operating Schedule

Version 1.2.1
23-Aug-2021

	FY21					FY22							
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
1	1	1	1	1	1	1	P	1	P	1	P	1	P
2	2	2	2	2	2	2	P	2	P	2	P	2	P
3	3	3	3	3	3	3	P	3	P	3	P	3	P
4	4	4	4	4	4	4	P	4	P	4	P	4	P
5	5	5	5	5	5	5	P	5	P	5	P	5	P
6	6	6	6	6	6	6	P	6	P	6	P	6	P
7	7	7	7	7	7	7	P	7	P	7	P	7	P
8	8	8	8	8	8	8	P	8	P	8	P	8	P
9	9	9	9	9	9	9	P	9	P	9	P	9	P
10	10	10	10	10	10	10	P	10	P	10	P	10	P
11	11	11	11	11	11	11	P	11	P	11	P	11	P
12	12	12	12	12	12	12	P	12	P	12	P	12	P
13	13	13	13	13	13	13	P	13	P	13	P	13	P
14	14	14	14	14	14	14	P	14	P	14	P	14	P
15	15	15	15	15	15	15	P	15	P	15	P	15	P
16	16	16	16	16	16	16	P	16	P	16	P	16	P
17	17	17	17	17	17	17	P	17	P	17	P	17	P
18	18	18	18	18	18	18	P	18	P	18	P	18	P
19	19	19	19	19	19	19	P	19	P	19	P	19	P
20	20	20	20	20	20	20	P	20	P	20	P	20	P
21	21	21	21	21	21	21	P	21	P	21	P	21	P
22	22	22	22	22	22	22	P	22	P	22	P	22	P
23	23	23	23	23	23	23	P	23	P	23	P	23	P
24	24	24	24	24	24	24	P	24	P	24	P	24	P
25	25	25	25	25	25	25	P	25	P	25	P	25	P
26	26	26	26	26	26	26	P	26	P	26	P	26	P
27	27	27	27	27	27	27	P	27	P	27	P	27	P
28	28	28	28	28	28	28	P	28	P	28	P	28	P
29	29	29	29	29	29	29	P	29	P	29	P	29	P
30	30	30	30	30	30	30	P	30	P	30	P	30	P
31	31	31	31	31	31	31	P	31	P	31	P	31	P
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

Code	Pattern	Description
0	[Red]	Outage Maintenance
0	[Blue]	Intra Run Cycle Maintenance
0	[Pink]	H- Ion Source Recycle
0	[Grey]	Documentation / Shut Down
0	[Yellow]	Start Up All Areas / Tune Recovery

Code	Pattern	Description	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1	[Green]	Production to All Areas with UCN	Y	Y	N	N	N	Y	Y
U2	[Light Green]	Tgt 2 Linac Beam, Production Other Areas with UCN	Y	N	Y	N	N	Y	Y
U3	[Light Blue]	Tgt 2 PSR Beam with IPF & UCN	N	N	N	Y	N	Y	Y
D	[Light Yellow]	Machine Intervention / Studies	N	N	N	N	N	N	N
I	[Purple]	IPF Production Only	N	N	N	N	N	N	Y
P1	[Light Green]	Production to All Areas with pRad	Y	Y	N	N	Y	N	Y
P2	[Light Blue]	Tgt 2 Linac Beam, Production Other Areas with pRad	Y	N	Y	N	Y	N	Y
P3	[Light Yellow]	Tgt 2 PSR Beam with IPF & pRad	N	N	N	Y	Y	N	Y

- # [Pink] Holiday and/or Laboratory Closure
- # [Yellow] Weekend

Note:

- Schedule blocks represent 8 hr shifts from 0000-0800, 0800-1600, 1600-2400.
- Prad normal operating hours are typically 0700-1800. PRad and UCN hours are adjusted to account for these typical operating hours.

Duration of Beam Delivery	Shifts	Hours
Lujan	450	3600
pRad	103	1133
UCN	359	2563
WNR Sole Use	12	96
WNR Tgt 4	432	3456
WNR Tgt 2	30	240
IPF	462	3696
Machine Intervention	36	288