

Cycle 30
Beam Operations: July-December 2019

	Su	Mo	T	W	Th	F	S		Su	Mo	T	W	Th	F	S
Jul-19		1 STAT	2	3	4	5	6	Oct-19			1	2	3	4	5
00:00 - 08:00	N	NS	NS	NS	N	N	N	00:00 - 08:00			N	NS	NS	NS	NS
08:00 - 16:00		NS	M	DS	N	N	N	08:00 - 16:00			D	D	D	D	D
16:00 - 24:00		NS	D	DS	N	N	N	16:00 - 24:00			D	D	D	D	D
	7	8	9	10	11	12	13		6	7	8	9	10	11	12
00:00 - 08:00	N	N	N	N	N	N	N	00:00 - 08:00	NS	NS	NS	D	D	D	D
08:00 - 16:00	N	M	DS	N	N	N	N	08:00 - 16:00	D	D	D	D	D	D	D
16:00 - 24:00	N	D	DS	N	N	N	N	16:00 - 24:00	D	D	D	D	D	D	D
	14	15	16	17	18	19	20		13	14 STAT	15	16	17	18	19
00:00 - 08:00	N	N	NS	DS-CSR	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	D	M	DS	DS-CSR	N	N	N	08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	D	D	DS-CSR	N	N	N	N	16:00 - 24:00	M	M	M	M	M	M	M
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
00:00 - 08:00	N	N	N	NS	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	M	DS	N	N	N	N	08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	D	DS	N	N	N	N	16:00 - 24:00	M	M	M	M	M	M	M
	28	29	30	31					27	28	29	30	31		
00:00 - 08:00	N	N	N	N				00:00 - 08:00	M	M	M	M	M		
08:00 - 16:00	D	M	DS	N				08:00 - 16:00	M	M	M	M	M		
16:00 - 24:00	D	D	DS	N				16:00 - 24:00	M	M	M	M	M		
Aug-19					1	2	3	Nov-19						1	2
00:00 - 08:00					N	N	N	00:00 - 08:00						M	M
08:00 - 16:00					N	N	N	08:00 - 16:00						M	M
16:00 - 24:00					N	N	N	16:00 - 24:00						M	M
	4	5 STAT	6	7	8	9	10		3	4	5	6	7	8	9
00:00 - 08:00	N	N	NS	N	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	NS	M	N	N	N	N	08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	NS	D	N	N	N	N	16:00 - 24:00	M	M	M	M	M	M	M
	11	12	13	14	15	16	17		10	11 STAT	12	13	14	15	16
00:00 - 08:00	N	N	N	N	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	M	N	N	N	N	N	08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	D	N	N	N	N	N	16:00 - 24:00	M	M	M	M	M	M	M
	18	19	20	21	22	23	24		17	18	19	20	21	22	23
00:00 - 08:00	N	N	N	N	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	D	M	N	N	N	N	N	08:00 - 16:00	M	D	D	D	D	D	M
16:00 - 24:00	D	D	N	N	N	N	N	16:00 - 24:00	M	D	D	D	D	D	M
	25	26	27	28	29	30	31		24	25	26	27	28	29	30
00:00 - 08:00	N	N	N	N	N	N	N	00:00 - 08:00	M	M	D	NS	NS	NS	NS
08:00 - 16:00	N	M	DS	N	N	N	N	08:00 - 16:00	M	MV	D	D	D	D	D
16:00 - 24:00	N	D	DS	N	N	N	N	16:00 - 24:00	M	D	D	D	D	D	D
Sep-19								Dec-19							
00:00 - 08:00	1	2 STAT	3	4	5	6	7	00:00 - 08:00	NS	NS	NS	NS	N	N	N
08:00 - 16:00	N	NS	M	N	N	N	N	08:00 - 16:00	D	M	DS	N	N	N	N
16:00 - 24:00	N	NS	D	N	N	N	N	16:00 - 24:00	D	D	DS	N	N	N	N
	8	9	10	11	12	13	14		8	9	10	11	12	13	14
00:00 - 08:00	N	N	N	N	N	N	N	00:00 - 08:00	N	N	NS	NS	N	N	N
08:00 - 16:00	N	M	DS	N	N	N	N	08:00 - 16:00	N	M	DS	N	N	N	N
16:00 - 24:00	N	D	DS	N	N	N	N	16:00 - 24:00	N	D	DS	N	N	N	N
	15	16	17	18	19	20	21		15	16	17	18	19	20	21
00:00 - 08:00	N	NS	NS	NS	N	N	N	00:00 - 08:00	N	NS	NS	NS	N	N	N
08:00 - 16:00	D	M	DS	N	N	N	N	08:00 - 16:00	D	M	DS	N	N	N	N
16:00 - 24:00	D	D	DS	N	N	N	N	16:00 - 24:00	D	D	NS	N	N	N	N
	22	23	24	25	26	27	28		22	23	24	25 STAT	26 STAT	27	28
00:00 - 08:00	N	N	NS	NS	N	N	N	00:00 - 08:00	N	N	M	X	X	X	X
08:00 - 16:00	N	M	DS	N	N	N	N	08:00 - 16:00	N	M	M	X	X	X	X
16:00 - 24:00	N	D	DS	N	N	N	N	16:00 - 24:00	N	M	X	X	X	X	X
	29	30							29	30	31				
00:00 - 08:00	N	N						00:00 - 08:00	X	X	X				
08:00 - 16:00	N	N						08:00 - 16:00	X	X	X				
16:00 - 24:00	N	N						16:00 - 24:00	X	X	X				

22
140
1
0
78
22
0
3
248
38
0
0
552

X	Shut Down Mode: Beam Off	0	22
M	Maintenance Mode	13	127
MV	Verification Shift (No scheduled maintenance work; verification before start-up)	0	1
MT	Test Shift (No scheduled maintenance work; verification before start-up)	0	0
D	Development Mode (Machine Studies) (HSE & Operator)	21	57
DS	Development Mode (Special Beamline Development (current TBA)) (HSE & Operator)	17	5
DST	Development Mode (Top-Up Testing)	0	0
DS-CSR	Development Mode (Special Beamline Development (current TBA)) (HSE & Operator)	3	0
N	Normal Mode (Beam On (current 220 mA))	205	43
NS	Normal Mode (Special Beamline Requests/Commissioning (current TBA))	17	21
NST	Normal Mode (Special for Top-Up Testing)	0	0
MO	No planned activities. Facility formally in Maintenance Mode.	0	0