

Semester 2021B	August														August																		
LMST 0h HST	20 23	20 26	20 30	20 34	20 38	20 42	20 46	20 50	20 54	20 58	21 02	21 06	21 10	21 14	21 18	21 22	21 26	21 30	21 33	21 37	21 41	21 45	21 49	21 53	21 57	22 01	22 05	22 09	22 13	22 17	22 21		
Moon % Illum.	32	24	16	9	4	1	0	1	4	10	17	27	37	49	60	71	81	89	95	99	100	99	95	90	83	76	67	58	48	39	30		
							NM									60	71	81	89	95	99	PL	99	95	90	83	76	67	58				
Day Date	Sun 01	Mon 02	Tue 03	Wed 04	Thu 05	Fri 06	Sat 07	Sun 08	Mon 09	Tue 10	Wed 11	Thu 12	Fri 13	Sat 14	Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Sat 28	Sun 29	Mon 30	Tue 31		
Upper End Instrument	W	W	M	M	M	M	M	M	M	M	M	M	M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	E	E	E	E	E	E
Remarks	1	2	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6		
Support Astro.																																	
TIC																																	
STIC																																	
Day Crew																																	
Day Date	Sun 01	Mon 02	Tue 03	Wed 04	Thu 05	Fri 06	Sat 07	Sun 08	Mon 09	Tue 10	Wed 11	Thu 12	Fri 13	Sat 14	Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Sat 28	Sun 29	Mon 30	Tue 31		

Semester 2021B	September														September																		
LMST 0h HST	22 25	22 29	22 33	22 37	22 40	22 44	22 48	22 52	22 56	23 00	23 04	23 08	23 12	23 16	23 20	23 24	23 28	23 32	23 36	23 40	23 44	23 48	23 51	23 55	23 59	00 03	00 07	00 11	00 15	00 19			
Moon % Illum.	21	14	7	3	0	0	3	8	15	24	35	46	58	68	78	87	93	98	100	100	98	94	88	81	74	65	56	46	36	27			
						NM	NM													PL	PL	98	94	88	81	74	65	56					
Day Date	Wed 01	Thu 02	Fri 03	Sat 04	Sun 05	Mon 06	Tue 07	Wed 08	Thu 09	Fri 10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25	Sun 26	Mon 27	Tue 28	Wed 29	Thu 30			
Upper End Instrument	E	M	M	M	M	M	M	M	M	M	M	M	X	P	P	P	P	P	P	P	P	P	P	P	P	W	W	W	W	W	S	S	
Remarks	7	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	1	2				
Support Astro.																																	
TIC																																	
STIC																																	
Day Crew																																	
Day Date	Wed 01	Thu 02	Fri 03	Sat 04	Sun 05	Mon 06	Tue 07	Wed 08	Thu 09	Fri 10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25	Sun 26	Mon 27	Tue 28	Wed 29	Thu 30			

Semester 2021B	October														October																		
LMST 0h HST	00 23	00 27	00 31	00 35	00 39	00 43	00 47	00 51	00 55	00 58	01 02	01 06	01 10	01 14	01 18	01 22	01 26	01 30	01 34	01 38	01 42	01 46	01 50	01 54	01 58	02 02	02 06	02 09	02 13	02 17	02 21		
Moon % Illum.	19	11	5	1	0	1	6	12	21	32	43	54	65	75	84	90	96	99	100	99	97	93	87	80	72	63	53	44	34	24	15		
						NM														PL	99	97	93	87	80	72	63	53					
Day Date	Fri 01	Sat 02	Sun 03	Mon 04	Tue 05	Wed 06	Thu 07	Fri 08	Sat 09	Sun 10	Mon 11	Tue 12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17	Mon 18	Tue 19	Wed 20	Thu 21	Fri 22	Sat 23	Sun 24	Mon 25	Tue 26	Wed 27	Thu 28	Fri 29	Sat 30	Sun 31		
Upper End Instrument	S	S	S	S	S	W	M	M	M	M	M	M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M	M	M	M		
Remarks	3	4	5	6	7	1	1	2	3	4	5	6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4		
Support Astro.																																	
TIC																																	
STIC																																	
Day Crew																																	
Day Date	Fri 01	Sat 02	Sun 03	Mon 04	Tue 05	Wed 06	Thu 07	Fri 08	Sat 09	Sun 10	Mon 11	Tue 12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17	Mon 18	Tue 19	Wed 20	Thu 21	Fri 22	Sat 23	Sun 24	Mon 25	Tue 26	Wed 27	Thu 28	Fri 29	Sat 30	Sun 31		

Semester 2021B	November														November																	
LMST 0h HST	02 25	02 29	02 33	02 37	02 41	02 45	02 49	02 53	02 57	03 01	03 05	03 09	03 13	03 16	03 20	03 24	03 28	03 32	03 36	03 40	03 44	03 48	03 52	03 56	04 00	04 04	04 08	04 12	04 16	04 20		
Moon % Illum.	8	3	0	1	4	10	18	28	39	50	61	70	79	87	93	97	99	100	99	96	92	86	78	70	60	50	40	30	20	11		
Day Date	Mon 01	Tue 02	Wed 03	Thu 04	Fri 05	Sat 06	Sun 07	Mon 08	Tue 09	Wed 10	Thu 11	Fri 12	Sat 13	Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30		
Upper End Instrument	M	M	S	S	S	S	S	S	S	S	S	P	P	P	P	P	P	P	P	P	P	E	E	E	E	E	E	E	E	M		
Remarks																																
Support Astro.																																
TIC																																
STIC																																
Day Crew																																
Day Date	Mon 01	Tue 02	Wed 03	Thu 04	Fri 05	Sat 06	Sun 07	Mon 08	Tue 09	Wed 10	Thu 11	Fri 12	Sat 13	Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30		

Semester 2021B	December														December																	
LMST 0h HST	04 23	04 27	04 31	04 35	04 39	04 43	04 47	04 51	04 55	04 59	05 03	05 07	05 11	05 15	05 19	05 23	05 27	05 31	05 34	05 38	05 42	05 46	05 50	05 54	05 58	06 02	06 06	06 10	06 14	06 18	06 22	
Moon % Illum.	5	1	0	2	7	14	23	34	44	55	65	74	82	88	94	97	100	100	98	95	90	84	76	67	57	46	35	24	15	8	2	
Day Date	Wed 01	Thu 02	Fri 03	Sat 04	Sun 05	Mon 06	Tue 07	Wed 08	Thu 09	Fri 10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25	Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri 31	
Upper End Instrument	M	M	M	M	M	M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	E	E	E	E	E	E	M	M	M	M		
Remarks																																
Support Astro.																																
TIC																																
STIC																																
Day Crew																																
Day Date	Wed 01	Thu 02	Fri 03	Sat 04	Sun 05	Mon 06	Tue 07	Wed 08	Thu 09	Fri 10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25	Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri 31	

Semester 2021B	January														January																	
LMST 0h HST	06 26	06 30	06 34	06 38	06 41	06 45	06 49	06 53	06 57	07 01	07 05	07 09	07 13	07 17	07 21	07 25	07 29	07 33	07 37	07 41	07 45	07 49	07 52	07 56	08 00	08 04	08 08	08 12	08 16	08 20	08 24	
Moon % Illum.	0	1	4	10	18	28	37	47	57	67	75	83	89	94	98	100	100	98	94	88	81	72	62	51	40	29	19	10	4	1	0	
Day Date	Sat 01	Sun 02	Mon 03	Tue 04	Wed 05	Thu 06	Fri 07	Sat 08	Sun 09	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thu 20	Fri 21	Sat 22	Sun 23	Mon 24	Tue 25	Wed 26	Thu 27	Fri 28	Sat 29	Sun 30	Mon 31	
Upper End Instrument	M	M	M	M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
Remarks																																
Support Astro.																																
TIC																																
STIC																																
Day Crew																																
Day Date	Sat 01	Sun 02	Mon 03	Tue 04	Wed 05	Thu 06	Fri 07	Sat 08	Sun 09	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thu 20	Fri 21	Sat 22	Sun 23	Mon 24	Tue 25	Wed 26	Thu 27	Fri 28	Sat 29	Sun 30	Mon 31	