

Semester 2017A	January														January																
LMST 0h HST	06 27	06 30	06 34	06 38	06 42	06 46	06 50	06 54	06 58	07 02	07 06	07 10	07 14	07 18	07 22	07 26	07 30	07 34	07 38	07 41	07 45	07 49	07 53	07 57	08 01	08 05	08 09	08 13	08 17	08 21	08 25
Moon % Illum.	17	26	36	47	58	69	79	88	95	99	100	99	95	89	81	73	64	54	45	35	27	19	12	6	2	0	0	2	7	13	22
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	M	M	M	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	M	M	M	M	M	M	M	M	
Remarks	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	1	2	3	4	5	6	7	8	9
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 2017A	February														February															
LMST 0h HST	08 29	08 33	08 37	08 41	08 45	08 48	08 52	08 56	09 00	09 04	09 08	09 12	09 16	09 20	09 24	09 28	09 32	09 36	09 40	09 44	09 48	09 52	09 56	09 59	10 03	10 07	10 11	10 15		
Moon % Illum.	32	42	54	65	76	85	92	97	100	100	97	93	87	80	71	62	53	44	34	26	18	11	5	1	0	1	4	10		
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		
Upper End Instrument	M	M	E	E	E	E	E	E	E	E	E	E	E	E	E	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Remarks	10	11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	7	8	9	10	11	12		
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		

Semester 2017A	March														March																
LMST 0h HST	10 19	10 23	10 27	10 31	10 35	10 39	10 43	10 47	10 51	10 55	10 59	11 03	11 06	11 10	11 14	11 18	11 22	11 26	11 30	11 34	11 38	11 42	11 46	11 50	11 54	11 58	12 02	12 06	12 10	12 13	12 17
Moon % Illum.	18	28	39	50	62	72	82	89	95	99	100	99	96	92	86	78	70	61	52	42	33	24	15	9	3	0	0	3	8	15	25
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	E	E	E	E	E	E	E	E	E	E	S	W	W	W	W	W	M	M	M	M	M	M	M	M	M	M	M	M	
Remarks	13	14	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	1	2	3	4	5	6	7	8	9	10	11	12	
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 2017A	April														April															
LMST 0h HST	12 21	12 25	12 29	12 33	12 37	12 41	12 45	12 49	12 53	12 57	13 01	13 05	13 09	13 13	13 17	13 21	13 24	13 28	13 32	13 36	13 40	13 44	13 48	13 52	13 56	14 00	14 04	14 08	14 12	14 16
Moon % Illum.	36	47	58	69	78	86	92	97	99	100	99	95	91	84	77	68	59	50	40	30	20	12	6	1	0	2	6	13	22	32
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
Upper End Instrument	M	M	M	W	W	W	W	W	W	W	W	W	W	W	W	W	M	M	M	M	M	M	M	M	M	M	M	M	M	
Remarks	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	7	8	9	10	11	12	13
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

Semester 2017A	May														May																
LMST 0h HST	14 20	14 24	14 28	14 31	14 35	14 39	14 43	14 47	14 51	14 55	14 59	15 03	15 07	15 11	15 15	15 19	15 23	15 27	15 31	15 35	15 39	15 42	15 46	15 50	15 54	15 58	16 02	16 06	16 10	16 14	16 18
Moon % Illum.	43	54	65	74	83	89	95	98	100	100	98	94	89	82	74	65	56	45	35	25	16	8	3	0	1	4	11	19	29	39	50
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	Wed 31
Upper End Instrument	M	M	M	E	E	E	E	E	E	E	E	E	E	E	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	E	
Remarks	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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	Wed 31

Semester 2017A	June														June															
LMST 0h HST	16 22	16 26	16 30	16 34	16 38	16 42	16 46	16 49	16 53	16 57	17 01	17 05	17 09	17 13	17 17	17 21	17 25	17 29	17 33	17 37	17 41	17 45	17 49	17 53	17 57	18 00	18 04	18 08	18 12	18 16
Moon % Illum.	60	70	78	86	92	96	99	100	99	97	92	86	79	70	61	50	39	28	18	10	4	1	0	3	8	16	25	35	45	55
Day Date	Thu 01	Fri 02	Sat 03	Sun 04	Mon 05	Tue 06	Wed 07	Thu 08	Fri 09	Sat 10	Sun 11	Mon 12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24	Sun 25	Mon 26	Tue 27	Wed 28	Thu 29	Fri 30
Upper End Instrument	E	E	E	E	E	E	W	W	W	W	W	W	W	W	M	M	M	M	M	M	M	M	M	M	M	M	M	S	S	S
Remarks	2	3	4	5	6	7	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3
Support Astro.																														
TIC																														
STIC																														
Day Crew																														
Day Date	Thu 01	Fri 02	Sat 03	Sun 04	Mon 05	Tue 06	Wed 07	Thu 08	Fri 09	Sat 10	Sun 11	Mon 12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24	Sun 25	Mon 26	Tue 27	Wed 28	Thu 29	Fri 30

Semester 2017A	July														July																
LMST 0h HST	18 20	18 24	18 28	18 32	18 36	18 40	18 44	18 48	18 52	18 56	19 00	19 04	19 07	19 11	19 15	19 19	19 23	19 27	19 31	19 35	19 39	19 43	19 47	19 51	19 55	19 59	20 03	20 07	20 11	20 14	20 18
Moon % Illum.	65	73	81	88	94	97	100	100	98	95	90	83	74	64	54	42	31	21	12	5	1	0	2	6	12	20	29	39	49	59	68
	65	73	81	88	94	97	PL	PL	98	95	90	83	74	64	54	NM						59						68			
Day	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Date	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Upper End Instrument	S	S	S	S	S	W	W	W	W	W	W	W	W	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Remarks	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Support Astro.																															
TIC																															
STIC																															
Day Crew				Independance day.																											
Day	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Date	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31