

Semester 2013A	February														February													
LMST 0h HST	08 29	08 33	08 37	08 40	08 44	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 47	09 51	09 55	09 59	10 03	10 07	10 11	10 15
Moon % Illum.	62	51	40	29	19	10	4	1	0	2	6	12	20	28	37	47	56	65	74	82	89	94	98	100	100	97	92	85
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
Upper End Instrument	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	E	E	E	E	E	E	E	E	E	E
Remarks																												
Support Astro.																												
TIC																												
STIC																												
Day Crew															Presidents' Day													
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

Semester 2013A	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 58	11 02	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 05	12 09	12 13	12 17
Moon % Illum.	76	66	55	43	32	22	13	7	2	0	1	3	8	14	21	30	39	48	57	67	76	84	90	96	99	100	98	94	88	79	69
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	E	E	E	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	W	W	W	W	W	W	W	W	W	W	W	W	
Remarks																															
Support Astro.																															
TIC																															
STIC																															
Day Crew															Prince Kuhio Day																
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 2013A	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 16	13 20	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.	58	47	35	25	16	9	4	1	0	1	4	9	15	23	31	40	50	59	69	78	86	93	98	100	99	96	90	82	72	61
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	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	W	W	W	W	W	W	W	W	W	W	W	W
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 2013A	May														May																	
LMST 0h HST	14 20	14 23	14 27	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 34	15 38	15 42	15 46	15 50	15 54	15 58	16 02	16 06	16 10	16 14	16 18	
Moon % Illum.	50	39	29	20	12	6	2	0	0	2	6	11	17	25	34	43	53	63	73	82	90	96	99	100	97	92	84	75	64	53	43	
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	M	M	M	M	M	M	M	M	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	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 2013A	June														June																	
LMST 0h HST	16 22	16 26	16 30	16 34	16 38	16 41	16 45	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 48	17 52	17 56	18 00	18 04	18 08	18 12	18 16		
Moon % Illum.	32	23	15	9	4	1	0	1	3	7	13	20	28	37	48	58	69	79	87	94	99	100	98	94	87	78	68	58	47	37		
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	M	M	M	M	M	M	M	M	M	M	M	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
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		

Semester 2013A	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	18 59	19 03	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 06	20 10	20 14	20 18	
Moon % Illum.	28	20	13	7	3	1	0	1	4	9	16	24	33	43	54	65	75	85	92	98	100	99	96	90	82	72	63	52	43	33	24	
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	M	M	M	M	M	M	M	M	M	M	M	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	M	M	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	Wed 31	