Semester 2017A	December																															
LMST 0h HST	04 24	04 28	04 32	04 36	04 40	04 44	04 48	04 52	04 56	05 00	05 04	05 08	05 12	05 16	05 20	05 23	05 27	05 31	05 35	05 39	05 43	05 47	05 51	05 55	05 59	06 03	06 07	06 11	06 15	06 19	06 23
Moon % Illum.	8	14	22	31	41	52	63	73	83	91	97	100	100	97	91	84	75	66	56	46	36	28	20	13	7	3	1	0	1	5	10
						52	63	73	83	91	97	PL	PL	97	91	84	75	66	56									NM			
Day	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	Tue	Wed	Thu	Fri	Sat
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	M	M	M	M	M	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	M	M	M	M	M	M	M	M	M	M
	1	2	3	4	5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10
Remarks																															
Support Astro.																															
TIC						IL																KW									
STIC						TV																MW									
Day Crew																										Christmas					
Day	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	Tue	Wed	Thu	Fri	Sat
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

Semester 2017A	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
					58	69	79	88	95	99	PL	99	95	89	81	73	64	54								NM	NM				
Day	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	Tue
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	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	M
	11	12	13	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
Remarks																															
Support Astro.																															
TIC				SB																			KH								
STIC				KW																			SI								
Day Crew																															
Day	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	Tue
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

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
			54	65	76	85	92	97	PL	PL	97	93	87	80	71	62	53								NM			
Day	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	Tue
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
Upper End Instrument	M	M	E	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
	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
Remarks																												
Support Astro.																												
TIC			KW														WJ											
STIC			TV														SI											
Day Crew																				President's day.								
Day	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	Tue
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

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
					62	72	82	89	95	99	PL	99	96	92	86	78	70	61	52							NM	NM				
Day	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	Tue	Wed	Thu	Fri
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	M	M	E	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
	13	14	1	2	3	4	5	6	7	8	9	10	11	1	1	2	3	4	5	1	2	3	4	5	6	7	8	9	10	11	12
Remarks																															
Support Astro.																															
TIC			TV											SI	GB					IL											
STIC			MW											KW	TV					SI											
Day Crew																										Prince Kuhio day.					
Day	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	Tue	Wed	Thu	Fri
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

Semester 2017A	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
			58	69	78	86	92	97	99	PL	99	95	91	84	77	68	59								NM					
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
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
Upper End Instrument	M	M	M	W	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
	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
Remarks																														
Support Astro.																														
TIC				BM														SB												
STIC				KW														SI												
Day Crew														Good Friday.																
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
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

Semester 2017A	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
		54	65	74	83	89	95	98	PL	PL	98	94	89	82	74	65	56							NM							
Day	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	Tue	Wed
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	M	M	M	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	M	E
	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	1
Remarks																															
Support Astro.																															
TIC				KH												MW															KW
STIC				TV												SI															TV
Day Crew																													Memorial day		
Day	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	Tue	Wed
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

Semester 2017A	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
	60	70	78	86	92	96	99	PL	99	97	92	86	79	70	61								NM							55
Day	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	Tue	Wed	Thu	Fri
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
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
	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
Remarks																														
Support Astro.																														
TIC							WJ								TV													SI		
STIC							MW								SI													KW		
Day Crew												King Kamehameha day.																		
Day	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	Tue	Wed	Thu	Fri
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

Semester 2017A	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	M
	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
Remarks																															
Support Astro.																															
TIC						GB								IL																	
STIC						MW								SI																	
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