Semester 2013A	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
	62	51							NM								56	65	74	82	89	94	98	PL	PL	97	92	85
Day	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
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	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
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	18	18	18	18	18	18	18	18	18
Remarks																												
Support Astro.																												
TIC																												
STIC																												
Day Crew																		Presidents' Day										
Day	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
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 2013A	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
	76	66	55							NM									57	67	76	84	90	96	99	PL	98	94	88	79	69
Day	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	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	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	W
	18	18	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Remarks																															
Support Astro.																															
TIC																															
STIC																															
Day Crew																										Prince Kuhio Day			Good Friday		
Day	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	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	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
	58								NM									59	69	78	86	93	98	PL	99	96	90	82	72	61
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
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	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
	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51	51	51	51	51	51	51	51	51	51	51	51
Remarks																														
Support Astro.																														
TIC																														
STIC																														
Day Crew																														
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
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 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
								NM	NM								53	63	73	82	90	96	99	PL	97	92	84	75	64	53	
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	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	M
	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	67
Remarks																															
Support Astro.																															
TIC																															
STIC																															
Day Crew																										Memorial 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 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
							NM									58	69	79	87	94	99	PL	98	94	87	78	68	58		
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	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	E
	68	69	70	71	72	73	74	75	76	77	78	79	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Remarks																														
Support Astro.																														
TIC																														
STIC																														
Day Crew											King Kamehameha 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
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 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
							NM								54	65	75	85	92	98	PL	99	96	90	82	72	63	52			
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	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	M	M	M
	81	82	83	84	85	86	87	88	89	90	91	92	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	95	96	97
Remarks																															
Support Astro.																															
TIC																															
STIC																															
Day Crew				Independence 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