

SBO OBSERVING DECK FALL 2017

DATE	TWILIGHT ENDS Standard Time	LUNAR PHASE	MOON RISE Standard Time	MOON SET Standard Time	START Local Daylight/Sta ndard Time	SBO DECK OBSERVING SESSION ASTR 3510 22:30 onwards all nights - Main Deck FYSM 1000-02 19:00 to 20:15 Sun & Weds - Open Deck
Aug 20	20:29	3%	03:58	18:17		
Aug 21	20:28	0%	05:06	18:58		Solar Eclipse!
Aug 22	20:26	0%	06:14	19:34		
Aug 23	20:24	3%	07:19	20:08	20:00	TA Orientation
Aug 24	20:22	8%	08:23	20:39	20:00	TA Orientation
Aug 25	20:20	14%	09:25	21:10	20:00	TA Orientation
Aug 26	20:18	22%	10:25	21:42		
Aug 27	20:16	31%	11:23	22:15		
Aug 28	20:15	40%	12:20	22:50		Open - FIRST DAY OF CLASSES
Aug 29	20:13	50%	13:15	23:29	20:00	1010: (Danforth)
Aug 30	20:11	59%	14:08		20:00	1010: (Danforth)
Aug 31	20:09	68%	14:58	00:12	20:00	1010: (Danforth)
Sep 01	20:07	77%	15:45	00:59	20:00	OPEN HOUSE
Sep 02	20:05	84%	16:29	01:51	18:00	CUAC: Open Deck
Sep 03	20:03	91%	17:09	02:46		FYSM 1000-02 (Ellingson)
Sep 04	20:01	96%	17:47	03:45		Labor Day
Sep 05	19:59	99%	18:22	04:46	20:00	1010: (Danforth)
Sep 06	19:58	100%	18:56	05:49	20:00	1030: (Brain)
Sep 07	19:56	99%	19:29	06:54	20:00	1010: (Danforth)
Sep 08	19:54	95%	20:02	07:59	20:00	OPEN HOUSE
Sep 09	19:52	89%	20:37	09:06		
Sep 10	19:50	82%	21:16	10:13		FYSM 1000-02 (Ellingson)
Sep 11	19:48	72%	21:58	11:21	20:00	1010: (Danforth)
Sep 12	19:46	61%	22:47	12:28	20:00	2020: (Burns)
Sep 13	19:45	50%	23:41	13:32	20:00	1200 (Duncan, Kowalski)
Sep 14	19:43	38%		14:31	20:00	1010: (Danforth)
Sep 15	19:41	28%	00:40	15:24	20:00	OPEN HOUSE
Sep 16	19:39	18%	01:44	16:12		Boulder Astronomy and Space Society
Sep 17	19:37	10%	02:50	16:53		FYSM 1000-02 (Ellingson)
Sep 18	19:35	4%	03:57	17:31	20:00	1030: (Brain)
Sep 19	19:34	1%	05:03	18:05	20:00	1010: (Danforth)
Sep 20	19:32	0%	06:07	18:37	20:00	1010: (Danforth)
Sep 21	19:30	1%	07:10	19:08	20:00	2020: (Burns)
Sep 22	19:28	5%	08:11	19:40	20:00	OPEN HOUSE
Sep 23	19:26	10%	09:10	20:12		
Sep 24	19:25	17%	10:08	20:47		FYSM 1000-02 (Ellingson)
Sep 25	19:23	25%	11:05	21:24	20:00	2020: (Burns)
Sep 26	19:21	33%	11:59	22:05	20:00	1020 (Duncan) and 1040 (Cash)
Sep 27	19:20	42%	12:50	22:51	20:00	1010: (Danforth)
Sep 28	19:18	52%	13:38	23:40	20:00	1030: (Brain)
Sep 29	19:16	61%	14:23		20:00	OPEN HOUSE
Sep 30	19:14	70%	15:05	00:33		
Oct 01	19:13	79%	15:43	01:30		FYSM 1000-02 (Ellingson)
Oct 02	19:11	86%	16:19	02:30	20:00	1200 (Duncan, Kowalski)
Oct 03	19:09	93%	16:53	03:33	20:00	1000 (Danforth, Brown)
Oct 04	19:08	97%	17:26	04:37	20:00	1010: (Danforth)
Oct 05	19:06	100%	18:00	05:44	20:00	Open
Oct 06	19:05	100%	18:35	06:52	20:00	OPEN HOUSE
Oct 07	19:03	97%	19:13	08:01		
Oct 08	19:01	92%	19:56	09:11		FYSM 1000-02 (Ellingson)
Oct 09	19:00	84%	20:43	10:20	20:00	1010: (Danforth)
Oct 10	18:58	75%	21:36	11:26	20:00	1000 (Danforth, Brown)
Oct 11	18:57	64%	22:34	12:27	20:00	1030: (Brain)
Oct 12	18:55	53%	23:36	13:22	20:00	1020 (Duncan) and 1040 (Cash)
Oct 13	18:54	41%		14:11	20:00	OPEN HOUSE
Oct 14	18:52	31%	00:41	14:53		
Oct 15	18:51	21%	01:46	15:31		FYSM 1000-02 (Ellingson)
Oct 16	18:50	13%	02:51	16:05	20:00	1200 (Duncan, Kowalski)
Oct 17	18:48	7%	03:55	16:37	20:00	1020 (Duncan) and 1040 (Cash)
Oct 18	18:47	3%	04:57	17:08	20:00	1000 (Danforth, Brown)
Oct 19	18:45	0%	05:58	17:39	20:00	1010: (Danforth)
Oct 20	18:44	0%	06:58	18:10	20:00	OPEN HOUSE
Oct 21	18:43	2%	07:57	18:44		Boulder Astronomy and Space Society

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Oct 22	18:41	6%	08:55	19:20		FYSM 1000-02 (Ellingson)
Oct 23	18:40	12%	09:50	20:00	20:00	2020: (Burns)
Oct 24	18:39	18%	10:43	20:44	20:00	1010: (Danforth)
Oct 25	18:38	26%	11:33	21:31	20:00	1200 (Duncan, Kowalski)
Oct 26	18:37	35%	12:19	22:22	20:00	1030: (Brain)
Oct 27	18:35	44%	13:01	23:17	20:00	OPEN HOUSE
Oct 28	18:34	54%	13:40	13:52		
Oct 29	18:33	63%	14:15	00:15		FYSM 1000-02 (Ellingson)
Oct 30	18:32	73%	14:49	01:15	20:00	1000 (Danforth, Brown)
Oct 31	18:31	81%	15:22	02:17	20:00	Open
Nov 01	18:30	89%	15:56	03:22	20:00	1010: (Danforth)
Nov 02	18:29	95%	16:30	04:30	20:00	1030: (Brain)
Nov 03	18:28	99%	17:07	05:39	20:00	OPEN HOUSE
Nov 04	18:27	100%	17:48	06:51		Daylight Savings Ends
Nov 05	18:26	98%	18:34	08:03		FYSM 1000-02 (Ellingson)
Nov 06	18:25	94%	19:26	09:13	19:00	1030: (Brain)
Nov 07	18:24	87%	20:25	10:19	19:00	1000 (Danforth, Brown)
Nov 08	18:23	78%	21:28	11:18	19:00	1200 (Duncan, Kowalski)
Nov 09	18:23	67%	22:33	12:10	19:00	1030: (Brain)
Nov 10	18:22	56%	23:39	12:55	20:00	OPEN HOUSE
Nov 11	18:21	45%		13:34		
Nov 12	18:20	35%	00:44	14:09	19:00	FYSM 1000-02 (Ellingson)
Nov 13	18:20	25%	01:47	14:40	19:00	2020: (Burns)
Nov 14	18:19	17%	02:49	15:11	19:00	1030: (Brain)
Nov 15	18:18	10%	03:50	15:41	19:00	FYSM 1000-02 (Ellingson)
Nov 16	18:18	5%	04:50	16:11	19:00	1020 (Duncan) and 1040 (Cash)
Nov 17	18:17	2%	05:49	16:44	20:00	OPEN HOUSE
Nov 18	18:17	0%	06:47	17:19		Boulder Astronomy and Space Society
Nov 19	18:16	1%	07:43	17:57		
Nov 20	18:16	3%	08:37	18:39		Fall Break
Nov 21	18:15	7%	09:28	19:25		Fall Break
Nov 22	18:15	13%	10:16	20:14		Fall Break
Nov 23	18:14	20%	10:59	21:07		Fall Break
Nov 24	18:14	28%	11:38	22:03		Fall Break
Nov 25	18:14	36%	12:15	23:01		
Nov 26	18:13	46%	12:48			
Nov 27	18:13	56%	13:21	00:01	19:00	1020 (Duncan) and 1040 (Cash)
Nov 28	18:13	66%	01:03	13:30	19:00	1010: (Danforth)
Nov 29	18:13	76%	14:25	02:07	19:00	1030: (Brain)
Nov 30	18:13	84%	14:59	03:14	19:00	Open
Dec 01	18:13	92%	15:37	04:24	20:00	OPEN HOUSE
Dec 02	18:12	97%	16:20	05:36		
Dec 03	18:12	100%	17:10	06:49		
Dec 04	18:12	99%	18:07	08:00	19:00	Open
Dec 05	18:12	96%	19:11	09:05	19:00	1020 (Duncan) and 1040 (Cash)
Dec 06	18:12	90%	20:18	10:03	19:00	1000 (Danforth, Brown)
Dec 07	18:13	82%	21:27	10:52	19:00	1200 (Duncan, Kowalski)
Dec 08	18:13	72%	22:34	11:35	20:00	OPEN HOUSE
Dec 09	18:13	61%	23:40	12:11		
Dec 10	18:13	51%		12:45		
Dec 11	18:13	40%	00:43	13:15	19:00	Open
Dec 12	18:13	30%	01:44	13:45	19:00	Open
Dec 13	18:14	22%	02:44	14:15	19:00	Open
Dec 14	18:14	14%	03:42	14:46		LAST DAY OF CLASSES
Dec 15	18:14	8%	04:40	15:20		
Dec 16	18:15	4%	05:37	15:56		Final Exams - Boulder Astronomy and Space Society
Dec 17	18:15	1%	06:32	16:36		Final Exams
Dec 18	18:16	0%	07:24	17:21		Final Exams
Dec 19	18:16	1%	08:13	18:09		Final Exams
Dec 20	18:16	4%	08:58	19:01		Final Exams
Dec 21	18:17	8%	09:39	19:56		COMMENCEMENT
Dec 22	18:17	14%	10:16	20:53		
Dec 23	18:18	21%	10:50	21:51		