

JANUARY 2019					
	Low	High	Low	High	Low
1	7:28 AM	1:34 PM	8:56 PM		
2		1:13 AM	8:11 AM	2:29 PM	9:56 PM
3		2:04 AM	8:52 AM	3:19 PM	10:49 PM
4		2:53 AM	9:33 AM	4:03 PM	11:36 PM
5		3:40 AM	10:12 AM	4:44 PM	12:18 AM
6		4:24 AM	10:52 AM	5:22 PM	12:56 AM
7		5:07 AM	11:32 AM	5:58 PM	
8	1:30 AM	5:49 AM	12:13 PM	6:34 PM	
9	2:02 AM	6:32 AM	12:54 PM	7:09 PM	
10	2:34 AM	7:15 AM	1:38 PM	7:45 PM	
11	3:06 AM	8:01 AM	2:25 PM	8:23 PM	
12	3:40 AM	8:50 AM	3:18 PM	9:03 PM	
13	4:16 AM	9:42 AM	4:21 PM	9:45 PM	
14	4:55 AM	10:37 AM	5:35 PM	10:33 PM	
15	5:35 AM	11:33 AM	6:54 PM	11:25 PM	
16	6:19 AM	12:29 PM	8:07 PM	12:20 AM	
17	7:06 AM	1:25 PM	9:12 PM		
18		1:18 AM	7:57 AM	2:20 PM	10:09 PM
19		2:16 AM	8:52 AM	3:14 PM	11:01 PM
20		3:12 AM	9:48 AM	4:17 PM	11:49 PM
21		4:17 AM	10:45 AM	5:00 PM	12:35 PM
22		5:02 AM	11:44 AM	5:51 PM	
23	1:21 AM	5:57 AM	12:43 PM	6:42 PM	
24	2:06 AM	6:53 AM	1:44 PM	7:32 PM	
25	2:52 AM	7:51 AM	2:48 PM	8:22 PM	
26	3:38 AM	8:52 AM	3:57 PM	9:12 PM	
27	4:25 AM	9:56 AM	5:10 PM	10:04 PM	
28	5:13 AM	11:02 AM	6:25 PM	10:57 PM	
29	6:02 AM	12:09 PM	7:37 PM	11:52 PM	
30	6:51 AM	1:13 PM	8:42 PM	12:47 AM	
31	7:40 AM	2:11 PM	9:39 PM		

FEBRUARY 2019					
	Low	High	Low	High	Low
1	8:29 AM	1:42 AM	8:29 AM	3:02 PM	10:27 PM
2	9:15 AM	2:33 AM	9:15 AM	3:44 PM	11:09 PM
3	10:00 AM	3:20 AM	10:00 AM	4:26 PM	11:46 PM
4		4:04 AM	10:42 AM	5:02 PM	12:19 AM
5	12:19 AM	4:49 AM	11:24 AM	5:39 PM	
6	12:49 AM	5:28 AM	12:03 PM	6:11 PM	
7	1:17 AM	6:08 AM	12:43 PM	6:43 PM	
8	1:46 AM	6:48 AM	1:24 PM	7:16 PM	
9	2:15 AM	7:30 AM	2:09 PM	7:51 PM	
10	2:47 AM	8:15 AM	3:01 PM	8:30 PM	
11	3:21 AM	9:03 AM	4:03 PM	9:13 PM	
12	4:00 AM	9:56 AM	5:17 PM	10:02 PM	
13	4:44 AM	10:53 AM	6:33 PM	10:58 PM	
14	5:36 AM	11:53 AM	7:45 PM	11:58 PM	
15	6:35 AM	12:56 PM	8:47 PM		
16		1:00 AM	7:38 AM	1:58 PM	9:41 PM
17		2:00 AM	8:42 AM	2:57 PM	10:31 PM
18		2:58 AM	9:44 AM	3:53 PM	11:17 PM
19		3:53 AM	10:45 AM	4:46 PM	
20	12:01 AM	4:47 AM	11:43 AM	5:36 PM	
21	12:44 AM	5:41 AM	12:41 PM	6:24 PM	
22	1:27 AM	6:36 AM	1:41 PM	7:11 PM	
23	2:09 AM	7:31 AM	2:42 PM	7:58 PM	
24	2:53 AM	8:29 AM	3:48 PM	8:46 PM	
25	3:38 AM	9:29 AM	4:57 PM	9:37 PM	
26	4:26 AM	10:32 AM	6:08 PM	10:31 PM	
27	5:19 AM	11:37 AM	7:14 PM	11:26 PM	
28	6:15 AM	12:41 PM	8:15 PM	12:24 AM	

MARCH 2019					
	Low	High	Low	High	Low
1	7:14 AM	1:42 PM	9:06 PM		
2		1:21 AM	8:10 AM	2:36 PM	9:51 PM
3		2:12 AM	9:03 AM	3:21 PM	10:29 PM
4		3:00 AM	9:50 AM	4:00 PM	11:02 PM
5		3:43 AM	10:33 AM	4:35 PM	11:32 PM
6		4:23 AM	11:14 AM	5:07 PM	12:00 AM
7		5:02 AM	11:54 AM	5:38 PM	12:28 AM
8		5:39 AM	12:34 PM	6:09 PM	12:55 AM
9		6:17 AM	1:17 PM	6:43 PM	
10	2:24 AM	7:56 AM	3:04 PM	8:19 PM	
11	2:56 AM	8:39 AM	3:56 PM	9:00 PM	
12	3:32 AM	9:26 AM	4:57 PM	9:47 PM	
13	4:14 AM	10:18 AM	6:05 PM	10:40 PM	
14	5:05 AM	11:16 AM	7:14 PM	11:39 PM	
15	6:08 AM	12:20 PM	8:18 PM	12:41 AM	
16	7:18 AM	1:27 PM	9:15 PM		
17		1:43 AM	8:31 AM	2:33 PM	10:07 PM
18		2:43 AM	9:40 AM	3:34 PM	10:54 PM
19		3:40 AM	10:44 AM	4:30 PM	11:38 PM
20		4:35 AM	11:44 AM	5:22 PM	12:21 AM
21		5:29 AM	12:42 PM	6:10 PM	
22	1:01 AM	6:21 AM	1:39 PM	6:56 PM	
23	1:42 AM	7:13 AM	2:36 PM	7:42 PM	
24	2:22 AM	8:05 AM	3:34 PM	8:28 PM	
25	3:03 AM	8:58 AM	4:35 PM	9:17 PM	
26	3:48 AM	9:52 AM	5:37 PM	10:08 PM	
27	4:38 AM	10:50 AM	6:40 PM	11:03 PM	
28	5:36 AM	11:52 AM	7:39 PM	12:02 AM	
29	6:41 AM	12:57 PM	8:33 PM		
30		1:01 AM	7:48 AM	2:00 PM	9:20 PM
31		1:57 AM	8:51 AM	2:55 PM	10:01 PM

APRIL 2019					
	Low	High	Low	High	Low
1		2:48 AM	9:46 AM	3:41 PM	10:36 PM
2		3:35 AM	10:35 AM	4:20 PM	11:09 PM
3		4:19 AM	11:20 AM	4:56 PM	11:39 PM
4		4:58 AM	12:03 PM	5:29 PM	12:07 AM
5		5:36 AM	12:46 PM	6:02 PM	12:36 AM
6		6:12 AM	1:30 PM	6:37 PM	
7	1:05 AM	6:49 AM	2:15 PM	7:15 PM	
8	1:36 AM	7:28 AM	3:04 PM	7:56 PM	
9	2:11 AM	8:11 AM	3:57 PM	8:42 PM	
10	2:52 AM	8:58 AM	4:53 PM	9:32 PM	
11	3:42 AM	9:51 AM	5:53 PM	10:29 PM	
12	4:44 AM	10:51 AM	6:52 PM	11:29 PM	
13	5:57 AM	11:57 AM	7:49 PM	12:31 AM	
14	7:16 AM	1:05 PM	8:42 PM		
15		1:33 AM	8:32 AM	2:10 PM	9:30 PM
16		2:32 AM	9:42 AM	3:10 PM	10:16 PM
17		3:28 AM	10:45 AM	4:05 PM	10:58 PM
18		4:22 AM	11:44 AM	4:55 PM	11:39 PM
19		5:14 AM	12:41 PM	5:42 PM	12:18 AM
20		6:03 AM	1:37 PM	6:29 PM	12:57 AM
21		6:52 AM	2:31 PM	7:15 PM	
22	1:36 AM	7:40 AM	3:25 PM	8:02 PM	
23	2:17 AM	8:28 AM	4:18 PM	8:51 PM	
24	3:03 AM	9:17 AM	5:12 PM	9:43 PM	
25	3:55 AM	10:09 AM	6:03 PM	10:38 PM	
26	4:57 AM	11:05 AM	6:53 PM	11:35 PM	
27	6:06 AM	12:04 PM	7:39 PM	12:32 AM	
28	7:17 AM	1:03 PM	8:22 PM		
29		1:28 AM	8:23 AM	1:57 PM	9:00 PM
30		2:20 AM	9:22 AM	2:44 PM	9:36 PM

MAY 2019					
	Low	High	Low	High	Low
1		8:20 AM	10:15 AM	3:27 PM	10:09 PM
2		3:50 AM	11:05 AM	4:07 PM	10:41 PM
3		4:30 AM	11:52 AM	4:46 PM	11:13 PM
4		5:08 AM	12:39 PM	5:25 PM	11:45 PM
5		5:45 AM	1:26 PM	6:07 PM	12:19 AM
6		6:23 AM	2:13 PM	6:50 PM	12:56 AM
7		7:04 AM	3:01 PM	7:37 PM	
8	1:38 AM	7:49 AM	3:51 PM	8:27 PM	
9	2:28 AM	8:39 AM	4:42 PM	9:21 PM	
10	3:28 AM	9:34 AM	5:35 PM	10:19 PM	
11	4:39 AM	10:34 AM	6:27 PM	11:20 PM	
12	5:58 AM	11:38 AM	7:18 PM	12:22 AM	
13	7:19 AM	12:42 PM	8:07 PM		
14		1:23 AM	8:34 AM	1:44 PM	8:53 PM
15		2:22 AM	9:43 AM	2:42 PM	9:37 PM
16		3:18 AM	10:46 AM	3:35 PM	10:19 PM
17		4:10 AM	11:45 AM	4:26 PM	10:59 PM
18		4:59 AM	12:41 PM	5:15 PM	11:37 PM
19		5:46 AM	1:33 PM	6:02 PM	12:16 AM
20		6:31 AM	2:23 PM	6:50 PM	12:57 AM
21		7:15 AM	3:10 PM	7:38 PM	
22	1:40 AM	7:59 AM	3:55 PM	8:26 PM	
23	2:27 AM	8:44 AM	4:38 PM	9:17 PM	
24	3:21 AM	9:30 AM	5:20 PM	10:09 PM	
25	4:21 AM	10:19 AM	6:00 PM	11:03 PM	
26	5:28 AM	11:10 AM	6:39 PM	11:59 PM	
27	6:38 AM	12:01 PM	7:18 PM		
28		12:54 AM	7:48 AM	12:52 PM	7:56 PM
29		1:46 AM	8:53 AM	1:41 PM	8:33 PM
30		2:33 AM	9:52 AM	2:29 PM	9:09 PM
31		3:17 AM	10:47 AM	3:16 PM	9:45 PM

JUNE 2019					
	Low	High	Low	High	Low
1		3:58 AM	11:39 AM	4:03 PM	10:22 PM
2		4:38 AM	12:28 PM	4:50 PM	11:01 PM
3		5:18 AM	1:16 PM	5:39 PM	11:43 PM
4		6:00 AM	2:02 PM	6:28 PM	12:29 AM
5		6:45 AM	2:48 PM	7:19 PM	
6	1:21 AM	7:33 AM	3:35 PM	8:12 PM	
7	2:19 AM	8:25 AM	4:22 PM	9:08 PM	
8	3:26 AM	9:20 AM	5:09 PM	10:07 PM	
9	4:40 AM	10:18 AM	5:57 PM	11:08 PM	
10	6:00 AM	11:17 AM	6:45 PM	12:11 AM	
11	7:19 AM	12:16 PM	7:31 PM		
12		1:12 AM	8:34 AM	1:15 PM	8:17 PM
13		2:12 AM	9:43 AM	2:12 PM	9:00 PM
14		3:07 AM	10:46 AM	3:06 PM	9:43 PM
15		3:58 AM	11:43 AM	3:59 PM	10:24 PM
16		4:46 AM	12:36 PM	4:50 PM	11:05 PM
17		5:30 AM	1:23 PM	5:39 PM	11:47 PM
18		6:12 AM	2:07 PM	6:27 PM	12:30 AM
19		6:53 AM	2:47 PM	7:14 PM	
20	1:15 AM	7:34 AM	3:24 PM	8:00 PM	
21	2:02 AM	8:14 AM	3:58 PM	8:47 PM	
22	2:53 AM	8:55 AM	4:31 PM	9:36 PM	
23	3:48 AM	9:37 AM	5:05 PM	10:27 PM	
24	4:50 AM	10:20 AM	5:40 PM	11:20 PM	
25	5:58 AM	11:05 AM	6:16 PM	12:13 AM	
26	7:10 AM	11:52 AM	6:54 PM		
27		1:04 AM	8:22 AM	12:42 PM	7:33 PM
28		1:53 AM	9:29 AM	1:35 PM	8:13 PM
29		2:39 AM	10:28 AM	2:30 PM	8:56 PM
30		3:24 AM	11:22 AM	3:25 PM	9:41 PM

JULY 2019					
	Low	High	Low	High	Low
1		4:08 AM	12:10 PM	4:20 PM	10:29 PM
2		4:54 AM	12:56 PM	5:14 PM	11:21 PM
3		5:41 AM	1:41 PM	6:07 PM	12:16 AM
4		6:30 AM	2:24 PM	7:00 PM	
5	1:15 AM	7:20 AM	3:08 PM	7:55 PM	
6	2:19 AM	8:12 AM	3:52 PM	8:51 PM	
7	3:27 AM	9:04 AM	4:37 PM	9:51 PM	
8	4:40 AM	9:58 AM	5:22 PM	10:53 PM	
9	5:58 AM	10:53 AM	6:08 PM	11:56 PM	
10	7:16 AM	11:49 AM	6:55 PM		
11		12:59 AM	8:31 AM	12:46 PM	7:41 PM
12		1:59 AM	9:40 AM	1:45 PM	8:27 PM
13		2:54 AM	10:40 AM	2:42 PM	9:13 PM
14		3:45 AM	11:34 AM	3:38 PM	9:59 PM
15		4:32 AM	12:22 PM	4:30 PM	10:45 PM
16		5:15 AM	1:04 PM	5:19 PM	11:30 PM
17		5:55 AM	1:41 PM	6:05 PM	12:15 AM
18		6:33 AM	2:14 PM	6:49 PM	
19	1:00 AM	7:09 AM	2:45 PM	7:33 PM	
20	1:44 AM	7:45 AM	3:13 PM	8:17 PM	
21	2:31 AM	8:21 AM	3:41 PM	9:02 PM	
22	3:21 AM	8:57 AM	4:11 PM	9:49 PM	
23	4:18 AM	9:35 AM	4:44 PM	10:37 PM	
24	5:24 AM	10:17 AM	5:19 PM	11:27 PM	
25	6:38 AM	11:03 AM	5:57 PM	12:1	

2019 TIDE TABLES Patuxent River



2019 Tide Table

The 2019 Jug Bay tide table is provided as a courtesy of The Maryland-National Capital Park and Planning Commission. Tides are calculated for approximate times of high and low tide for Jug Bay at Jackson's Landing (Patuxent River Park office). To obtain the times for other areas of the river, use the conversion values listed below:

Hill's Bridge

High Tide: Add 49 minutes

Low Tide: Add 51 minutes

Nottingham

High Tide: Subtract 48 minutes

Low Tide: Subtract 59 minutes

Clyde Watson Boating Area

High Tide: Subtract 1 hour, 9 minutes

Low Tide: Subtract 1 hour, 30 minutes

Benedict

High Tide: Subtract 2 hours, 14 minutes

Low Tide: Subtract 2 hours, 24 minutes

Boating and Fishing Regulations

Visitors boating from the Maryland-National Capital Park and Planning Commission, Patuxent River Park areas are required to have a day-use or annual special-use park permit. No overnight tie-ups are permitted. Park hours vary with the season. Please observe posted hours carefully. Violators will be ticketed.

Several fishing areas are located at the Patuxent River Park. A Chesapeake Bay Sport Fishing license is required to fish on the Patuxent River.

Special-use permits are available at the Park office or at www.patuxentriverpark.com

Call 301-627-6074 for further information.

Patuxent River Park

16000 Croom Airport Road

Upper Marlboro, MD 20772

301-627-6074

www.patuxentriverpark.com

MNCPPC-PR-NHRD-PRP-01/19

SEPTEMBER 2019					
	Low	High	Low	High	Low
1	1:13 AM	6:43 AM	1:54 PM	7:15 PM	
2	2:16 AM	7:30 AM	2:34 PM	8:10 PM	
3	3:21 AM	8:18 AM	3:16 PM	9:08 PM	
4	4:31 AM	9:08 AM	4:00 PM	10:07 PM	
5	5:44 AM	10:00 AM	4:47 PM	11:08 PM	
6	6:56 AM	10:58 AM	5:39 PM	12:11 AM	
7	8:04 AM	12:00 PM	6:36 PM		
8		1:14 AM	9:04 AM	1:04 PM	7:38 PM
9		2:13 AM	9:56 AM	2:05 PM	8:38 PM
10		3:06 AM	10:40 AM	3:02 PM	9:35 PM
11		3:51 AM	11:18 AM	3:52 PM	10:26 PM
12		4:31 AM	11:51 AM	4:38 PM	11:13 PM
13		5:06 AM	12:19 PM	5:20 PM	11:56 PM
14		5:38 AM	12:45 PM	6:00 PM	12:38 AM
15		6:09 AM	1:10 PM	6:38 PM	
16	1:21 AM	6:40 AM	1:35 PM	7:15 PM	
17	2:05 AM	7:12 AM	2:01 PM	7:53 PM	
18	2:54 AM	7:47 AM	2:30 PM	8:32 PM	
19	3:49 AM	8:27 AM	3:03 PM	9:15 PM	
20	4:52 AM	9:12 AM	3:41 PM	10:02 PM	
21	5:59 AM	10:05 AM	4:27 PM	10:55 PM	
22	7:06 AM	11:05 AM	5:23 PM	11:54 PM	
23	8:06 AM	12:10 PM	6:31 PM		
24		12:56 AM	9:00 AM	1:16 PM	7:45 PM
25		1:58 AM	9:47 AM	2:18 PM	8:57 PM
26		2:56 AM	10:31 AM	3:17 PM	10:05 PM
27		3:51 AM	11:13 AM	4:14 PM	11:09 PM
28		4:42 AM	11:53 AM	5:08 PM	12:11 AM
29		5:30 AM	12:32 PM	6:02 PM	
30	1:12 AM	6:17 AM	1:11 PM	6:55 PM	

OCTOBER 2019					
	Low	High	Low	High	Low
1	2:13 AM	7:04 AM	1:51 PM	7:48 PM	
2	3:17 AM	7:51 AM	2:32 PM	8:42 PM	
3	4:22 AM	8:42 AM	3:17 PM	9:38 PM	
4	5:28 AM	9:36 AM	4:06 PM	10:36 PM	
5	6:34 AM	10:34 AM	5:02 PM	11:37 PM	
6	7:35 AM	11:37 AM	6:07 PM	12:39 AM	
7	8:29 AM	12:42 PM	7:15 PM		
8		1:37 AM	9:16 AM	1:43 PM	8:20 PM
9		2:29 AM	9:56 AM	2:39 PM	9:19 PM
10		3:14 AM	10:31 AM	3:29 PM	10:12 PM
11		3:52 AM	11:01 AM	4:14 PM	11:00 PM
12		4:27 AM	11:28 AM	4:56 PM	11:45 PM
13		5:00 AM	11:54 AM	5:34 PM	12:29 AM
14		5:32 AM	12:20 PM	6:10 PM	
15	1:15 AM	6:06 AM	12:47 PM	6:46 PM	
16	2:02 AM	6:42 AM	1:16 PM	7:22 PM	
17	2:52 AM	7:21 AM	1:48 PM	8:01 PM	
18	3:45 AM	8:05 AM	2:24 PM	8:44 PM	
19	4:42 AM	8:54 AM	3:08 PM	9:33 PM	
20	5:41 AM	9:50 AM	4:02 PM	10:28 PM	
21	6:39 AM	10:52 AM	5:08 PM	11:29 PM	
22	7:34 AM	11:57 AM	6:24 PM	12:32 AM	
23	8:24 AM	1:02 PM	7:43 PM		
24		1:33 AM	9:10 AM	2:04 AM	8:58 PM
25		2:31 AM	9:53 AM	3:04 PM	10:06 PM
26		3:25 AM	10:34 AM	4:00 PM	11:10 PM
27		4:15 AM	11:14 AM	4:54 PM	12:11 AM
28		5:03 AM	11:53 AM	5:46 PM	
29	1:11 AM	5:50 AM	12:32 PM	6:36 PM	
30	2:10 AM	6:38 AM	1:12 PM	7:26 PM	
31	3:08 AM	7:26 AM	1:54 PM	8:17 PM	

NOVEMBER 2019					
	Low	High	Low	High	Low
1	4:07 AM	8:17 AM	2:39 PM	8:08 PM	
2	5:05 AM	9:11 AM	3:30 PM	10:02 PM	
3	5:01 AM	9:09 AM	3:28 PM	9:57 PM	
4	5:54 AM	10:10 AM	4:34 PM	10:54 PM	
5	6:42 AM	11:12 AM	5:44 PM	11:49 PM	
6	7:24 AM	12:13 PM	6:52 PM	12:38 AM	
7	8:02 AM	1:10 PM	7:54 PM		
8		1:23 AM	8:35 AM	2:02 PM	8:51 PM
9		2:03 AM	9:05 AM	2:48 PM	9:43 PM
10		2:41 AM	9:35 AM	3:29 PM	10:33 PM
11		3:18 AM	10:04 AM	4:07 PM	11:21 PM
12		3:55 AM	10:34 AM	4:42 PM	12:08 AM
13		4:34 AM	11:05 AM	5:18 PM	12:56 AM
14		5:16 AM	11:39 AM	5:55 PM	
15	1:45 AM	6:00 AM	12:17 PM	6:37 PM	
16	2:34 AM	6:48 AM	1:00 PM	7:23 PM	
17	3:25 AM	7:40 AM	1:51 PM	8:14 PM	
18	4:17 AM	8:38 AM	2:53 PM	9:10 PM	
19	5:09 AM	9:39 AM	4:05 PM	10:09 PM	
20	5:59 AM	10:44 AM	5:24 PM	11:09 PM	
21	6:47 AM	11:49 AM	6:44 PM	12:08 AM	
22	7:32 AM	12:52 PM	7:59 PM		
23		1:04 AM	8:15 AM	1:52 PM	9:08 PM
24		1:57 AM	8:57 AM	2:48 PM	10:12 PM
25		2:48 AM	9:38 AM	3:41 PM	11:11 PM
26		3:37 AM	10:19 AM	4:31 PM	12:08 AM
27		4:26 AM	10:59 AM	5:19 PM	
28	1:02 AM	5:14 AM	11:41 AM	6:06 PM	
29	1:54 AM	6:03 AM	12:25 PM	6:53 PM	
30	2:43 AM	6:53 AM	1:11 PM	7:40 PM	

DECEMBER 2019					
	Low	High	Low	High	Low
1	3:31 AM	7:44 AM	2:01 PM	8:28 PM	
2	4:18 AM	8:38 AM	2:56 PM	9:16 PM	
3	5:02 AM	9:35 AM	3:57 PM	10:05 PM	
4	5:43 AM	10:35 AM	5:04 PM	10:53 PM	
5	6:22 AM	11:35 AM	6:14 PM	11:39 PM	
6	6:59 AM	12:34 PM	7:21 PM	12:24 AM	
7	7:34 AM	1:27 PM	8:25 PM		
8		1:08 AM	8:08 AM	2:14 PM	9:23 PM
9		1:52 AM	8:42 AM	2:57 PM	10:17 PM
10		2:37 AM	9:17 AM	3:35 PM	11:08 PM
11		3:21 AM	9:54 AM	4:13 PM	11:56 PM
12		4:07 AM	10:32 AM	4:53 PM	12:42 AM
13		4:53 AM	11:14 AM	5:35 PM	
14	1:28 AM	5:42 AM	12:00 PM	6:20 PM	
15	2:13 AM	6:32 AM	12:51 PM	7:08 PM	
16	3:00 AM	7:25 AM	1:48 PM	7:59 PM	
17	3:47 AM	8:23 AM	2:53 PM	8:53 PM	
18	4:34 AM	9:24 AM	4:06 PM	9:48 PM	
19	5:22 AM	10:29 AM	5:25 PM	10:44 PM	
20	6:09 AM	11:35 AM	6:44 PM	11:41 PM	
21	6:55 AM	12:40 PM	8:00 PM	12:36 AM	
22	7:41 AM	1:41 PM	9:08 PM		
23		1:31 AM	8:26 AM	2:37 PM	10:10 PM
24		2:24 AM	9:10 AM	3:30 PM	11:07 PM
25		3:16 AM	9:54 AM	4:19 PM	11:58 PM
26		4:06 AM	10:38 AM	5:05 PM	12:46 AM
27		4:54 AM	11:22 AM	5:49 PM	
28	1:30 AM	5:41 AM	12:06 PM	6:32 PM	
29	2:11 AM	6:28 AM	12:52 PM	7:14 PM	
30	2:50 AM	7:15 AM	1:38 PM	7:55 PM	
31	3:26 AM	8:04 AM	2:27 PM	8:36 PM	