









DATE	MOON PHASE	1 st LOW TIDE		2 nd LOW TIDE		1 st HIGH TIDE		2 nd HIGH TIDE	
		Time local	Height meters	Time local	Height meters	Time local	Height meters	Time local	Height meters
NOVEMBER 2017									
1		08.59	0.7	20.56	0.6	02.33	1.4	14.39	1.4
2		09.41	0.6	21.26	0.5	03.09	1.6	15.21	1.4
3		10.19	0.5	21.57	0.4	03.45	1.7	16.00	1.4
4		10.57	0.4	22.31	0.4	04.20	1.8	16.38	1.4
5		11.36	0.3	23.06	0.4	04.56	1.9	17.16	1.4
6		12.16	0.3	23.43	0.4	05.32	2.0	17.56	1.4
7		12.58	0.3	****	**	06.11	2.0	18.38	1.4
8		00.22	0.4	13.45	0.4	06.52	1.9	19.24	1.3
9		01.05	0.5	14.36	0.5	07.38	1.8	20.19	1.2
10		01.55	0.6	15.35	0.6	08.30	1.7	21.28	1.2
11		03.04	0.8	16.44	0.6	09.32	1.5	23.13	1.2
12		05.03	0.9	17.59	0.6	10.49	1.4	****	**
13		06.46	0.8	19.08	0.6	00.59	1.3	12.41	1.3
14		08.12	0.7	20.04	0.6	02.03	1.4	14.05	1.3
15		09.10	0.6	20.49	0.5	02.51	1.6	15.01	1.3
16		09.56	0.5	21.28	0.5	03.29	1.6	15.45	1.3
17		10.35	0.4	22.02	0.5	04.03	1.7	16.22	1.3
18		11.09	0.4	22.33	0.5	04.33	1.7	16.53	1.3
19		11.41	0.4	23.03	0.5	05.01	1.8	17.21	1.3
20		12.09	0.4	23.33	0.5	05.26	1.7	17.47	1.2
21		12.39	0.4	****	**	05.50	1.7	18.15	1.2
22		00.02	0.6	13.13	0.4	06.16	1.7	18.46	1.2
23		00.28	0.6	13.50	0.5	06.48	1.6	19.23	1.2
24		00.53	0.7	14.31	0.5	07.24	1.5	20.05	1.1
25		01.26	0.7	15.18	0.6	08.04	1.5	21.00	1.1
26		02.18	0.8	16.11	0.6	08.51	1.4	22.42	1.1
27		04.05	0.9	17.10	0.6	09.52	1.3	****	**
28		05.42	0.9	18.10	0.6	00.06	1.2	11.33	1.2
29		07.26	0.8	19.07	0.6	01.06	1.3	13.06	1.2
30		08.31	0.7	19.56	0.5	01.55	1.5	14.06	1.2

 Full Moon
  New Moon
  First Quarter
  Last Quarter

DATE	MOON PHASE	1 st LOW TIDE		2 nd LOW TIDE		1 st HIGH TIDE		2 nd HIGH TIDE	
		Time local	Height meters	Time local	Height meters	Time local	Height meters	Time local	Height meters
DECEMBER 2017									
1		09.20	0.5	20.41	0.5	02.39	1.6	14.56	1.2
2		10.04	0.4	21.24	0.4	03.21	1.8	15.42	1.3
3		10.46	0.3	22.07	0.4	04.00	1.9	16.25	1.3
4		11.27	0.2	22.50	0.3	04.39	2.0	17.08	1.3
5		12.08	0.2	23.34	0.4	05.19	2.0	17.51	1.3
6		12.51	0.2	****	**	05.59	2.0	18.37	1.3
7		00.20	0.4	13.36	0.3	06.41	1.9	19.25	1.3
8		01.10	0.5	14.23	0.4	07.27	1.8	20.20	1.3
9		02.06	0.6	15.14	0.4	08.16	1.6	21.24	1.3
10		03.18	0.7	16.10	0.5	09.13	1.4	22.43	1.3
11		04.50	0.8	17.03	0.6	10.19	1.3	****	**
12		06.24	0.8	18.16	0.6	00.15	1.4	11.43	1.2
13		07.54	0.7	19.16	0.6	01.25	1.5	13.25	1.1
14		08.58	0.6	20.08	0.6	02.18	1.5	14.33	1.1
15		09.45	0.5	20.53	0.6	03.01	1.6	15.24	1.1
16		10.24	0.5	21.32	0.5	03.38	1.7	16.05	1.1
17		10.58	0.4	22.08	0.5	04.10	1.7	16.39	1.2
18		11.29	0.4	22.41	0.5	04.40	1.7	17.09	1.2
19		11.58	0.4	23.14	0.5	05.07	1.7	17.37	1.2
20		12.27	0.4	23.44	0.6	05.34	1.7	18.06	1.2
21		12.59	0.4	****	**	06.02	1.7	18.39	1.2
22		00.14	0.6	13.33	0.4	06.34	1.7	19.15	1.2
23		00.46	0.7	14.10	0.5	07.10	1.6	19.56	1.2
24		01.26	0.7	14.49	0.5	07.48	1.5	20.43	1.2
25		02.20	0.8	15.32	0.6	08.29	1.4	21.41	1.3
26		03.40	0.8	16.22	0.6	09.18	1.3	23.02	1.3
27		05.08	0.9	17.17	0.6	10.21	1.2	****	**
28		06.38	0.8	18.15	0.6	00.19	1.4	11.57	1.1
29		08.02	0.7	19.13	0.6	01.20	1.5	13.34	1.1
30		09.02	0.6	20.08	0.5	02.13	1.7	14.38	1.1
31		09.51	0.4	21.01	0.5	03.01	1.8	15.32	1.2

 Full Moon
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