

TIDES : DAILY HIGH AND LOW WATERS

Station.....AO PO.....Month.....NOVEMBER.....Year...2017.....

Date	HIGH WATER				Moon's Phase	Date	LOW WATER				Remark
	Higher H.W.		Lower H.W.				Higher L.W.		Lower L.W.		
	Time	Height	Time	Height			Time	Height	Time	Height	
	h m	meter	h m	meter			h m	meter	h m	meter	
1	2103	3.48	0835	3.29		1	0210	1.49	1433	1.28	
2	2122	3.75	0900	3.51		2	0300	1.21	1515	1.03	
3	2200	3.92	0953	3.66		3	0330	1.03	1600	0.90	
4	2300	3.92	1020	3.70	☉	4	0405	0.79	1640	0.74	
5	2300	3.90	1100	3.70		5	1720	0.65	0500	0.61	
6	1140	3.66	-	-		6	1752	0.76	0530	0.59	
7	0000	3.88	1210	3.53		7	1820	1.00	0610	0.71	
8	0035	3.76	1300	3.30		8	1905	1.21	0707	0.87	
9	0125	3.57	1410	3.16		9	1927	1.48	0728	1.18	
10	0200	3.35	1522	2.93		10	2052	1.77	0825	1.44	
11	0325	3.06	1707	2.80	☾	11	2220	1.95	0945	1.63	
12	0505	2.93	1825	2.86		12	-	-	1115	1.66	
13	2000	3.05	0700	2.95		13	0015	1.86	1245	1.49	
14	2045	3.30	0745	3.14		14	0147	1.63	1345	1.35	
15	2113	3.47	0900	3.27		15	0230	1.39	1450	1.21	
16	2135	3.63	0925	3.35		16	0310	1.25	1540	1.14	
17	2210	3.68	0940	3.42		17	1605	1.09	0340	1.09	
18	2240	3.76	1025	3.44	●	18	1630	1.07	0357	0.97	
19	2315	3.80	1045	3.48		19	1700	1.10	0435	0.95	
20	2335	3.79	1130	3.42		20	1752	1.12	0508	0.93	
21	1200	3.48	-	-		21	1750	1.23	0535	1.03	
22	0012	3.78	1235	3.40		22	1825	1.33	0630	1.16	
23	0045	3.66	1255	3.29		23	1853	1.45	0652	1.19	
24	0130	3.53	1348	3.17		24	1920	1.64	0730	1.38	
25	0150	3.34	1400	2.98		25	1950	1.82	0750	1.54	
26	0250	3.17	1518	2.86		26	2100	2.02	0835	1.71	
27	0355	3.04	1710	2.88	☽	27	2240	2.06	1000	1.85	
28	1837	2.99	0500	2.93		28	-	-	1145	1.73	
29	1950	3.25	0700	3.00		29	0040	1.92	1320	1.56	
30	2030	3.40	0747	3.12		30	0203	1.64	1350	1.33	
31						31					
Monthly						Monthly					
Sum		105.3		90.54		Sum		38.96		36.25	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.920				L'est LW	=	0.590			
MHHW	=	3.510				MLLW	=	1.208			
MLHW	=	3.234				MHLW	=	1.391			
MHW	=	3.377				MLW	=	1.297			
M.S.L.	=	2.376				M.T.L.	=	2.337			
MHWS	=	3.683				MLWS	=	0.899			
MHWN	=	3.003				MLWN	=	1.761			
Mn.sp.range	=	2.784				Sp.range					
Mn.np.range	=	1.242				Np.range					
Mn.range	=	2.080									