

TIDES : DAILY HIGH AND LOW WATERS

Station.....AO PO.....Month.....JULY.....Year...2016.....

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	
1	0820	3.60	2030	3.37		1	0110	1.64	1410	1.56			
2	0848	3.76	2110	3.47		2	0230	1.50	1512	1.30			
3	0943	3.83	2223	3.49		3	0327	1.27	1610	1.07			
4	1025	3.93	2315	3.55	●	4	0412	1.15	1700	0.94			
5	1115	3.97	2340	3.53		5	0510	1.11	1720	0.89			
6	1145	3.94	2355	3.55		6	0542	1.09	1810	0.91			
7	1235	3.90	-	-		7	0620	1.20	1900	1.00			
8	1300	3.67	0100	3.50		8	0645	1.28	1923	1.00			
9	1407	3.59	0145	3.30		9	0720	1.37	1950	1.19			
10	1405	3.37	0200	3.25		10	0750	1.51	2040	1.37			
11	1510	3.19	0250	3.13		11	0830	1.72	2110	1.49			
12	0325	3.02	1510	3.01	☾	12	0920	1.90	2220	1.73			
13	0447	3.00	1637	2.83		13	1045	2.01	2300	1.84			
14	0610	2.91	1835	2.73		14	-	-	1220	1.95			
15	0653	3.03	1950	2.82		15	1342	1.92	0040	1.81			
16	0825	3.16	2058	2.95		16	0140	1.73	1435	1.67			
17	0900	3.35	2200	3.10		17	0215	1.59	1530	1.46			
18	0950	3.52	2213	3.32		18	0328	1.44	1550	1.22			
19	1010	3.67	2310	3.42		19	0400	1.32	1710	1.10			
20	1055	3.77	-	-	○	20	0508	1.19	1725	0.90			
21	1135	3.88	0000	3.45		21	0515	1.08	1750	0.86			
22	1205	3.83	0010	3.53		22	0600	1.00	1842	0.82			
23	1245	3.75	0040	3.44		23	0630	0.96	1908	0.80			
24	1310	3.70	0120	3.41		24	0700	1.12	1950	0.92			
25	1417	3.54	0200	3.41		25	0820	1.24	2015	1.10			
26	1445	3.30	0300	3.29		26	0848	1.39	2052	1.30			
27	0342	3.20	1600	3.11	☾	27	0935	1.62	2225	1.55			
28	0450	3.16	1755	3.02		28	1035	1.82	2332	1.78			
29	0610	3.28	1850	3.04		29	-	-	1210	1.90			
30	0735	3.44	2005	3.23		30	0100	1.84	1400	1.70			
31	0840	3.61	2110	3.30		31	0210	1.66	1510	1.44			
Monthly						Monthly							
Sum		108.87		94.55		Sum		41.67		40.57			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	3.970				L'est LW	=	0.800					
MHHW	=	3.512				MLLW	=	1.309					
MLHW	=	3.260				MHLW	=	1.437					
MHW	=	3.390				MLW	=	1.371					
M.S.L.	=	2.439				M.T.L.	=	2.381					
MHWS	=	3.689				MLWS	=	1.044					
MHWN	=	2.895				MLWN	=	1.714					
Mn.sp.range	=	2.646				Sp.range							
Mn.np.range	=	1.181				Np.range							
Mn.range	=	2.020											