

TIDES : DAILY HIGH AND LOW WATERS

Station.....AO PO.....Month.....SEPTEMBER.....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	
1	1028	3.86	2300	3.67	●	1	0420	1.22	1653	0.96	
2	1120	3.89	2320	3.70		2	0500	1.13	1732	0.89	
3	1140	3.76	-	-		3	0530	1.03	1800	0.87	
4	1200	3.66	0000	3.63		4	0600	0.96	1825	0.87	
5	0040	3.66	1220	3.63		5	1900	1.06	0608	1.02	
6	0100	3.62	1300	3.61		6	1910	1.24	0655	1.24	
7	0120	3.51	1325	3.34		7	0700	1.41	1920	1.36	
8	0140	3.31	1400	3.11		8	1950	1.52	0745	1.46	
9	0225	3.18	1430	2.94	☾	9	2008	1.78	0810	1.78	
10	0350	2.96	1625	2.69		10	2125	2.02	0850	1.96	
11	0500	2.86	1822	2.72		11	-	-	1200	2.10	
12	0653	3.02	1945	2.94		12	0000	2.12	1320	1.93	
13	0745	3.23	2040	3.15		13	0140	1.82	1420	1.58	
14	0910	3.50	2200	3.44		14	0245	1.48	1530	1.23	
15	0942	3.73	2225	3.65		15	0348	1.24	1550	0.96	
16	1020	3.88	2310	3.70		16	0410	0.98	1640	0.67	
17	1130	3.96	-	-	○	17	0520	0.77	1820	0.61	
18	1215	3.98	0025	3.97		18	0610	0.69	1845	0.54	
19	0040	4.01	1207	3.83		19	0635	0.67	1850	0.66	
20	1235	3.88	-	-		20	-	-	1845	0.96	
21	0125	3.91	1320	3.63		21	1920	1.11	0700	1.11	
22	0200	3.61	1350	3.33		22	2000	1.47	0745	1.27	
23	0300	3.39	1540	2.96	☾	23	2040	1.74	0835	1.61	
24	0357	3.11	1648	2.71		24	2220	1.93	0935	1.84	
25	0550	3.01	1900	2.84		25	-	-	1210	1.94	
26	0715	3.11	2033	3.04		26	0040	2.03	1335	1.76	
27	2100	3.24	0820	3.23		27	0220	1.75	1435	1.47	
28	0900	3.46	2200	3.30		28	0245	1.53	1537	1.26	
29	0935	3.57	2208	3.53		29	0330	1.35	1605	1.12	
30	2240	3.59	1027	3.59		30	0405	1.17	1630	0.98	
31						31					
Monthly						Monthly					
Sum		105.46		89.88		Sum		37.22		38.01	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.010				L'est LW	=	0.540			
MHHW	=	3.515				MLLW	=	1.267			
MLHW	=	3.329				MHLW	=	1.379			
MHW	=	3.427				MLW	=	1.320			
M.S.L.	=	2.425				M.T.L.	=	2.373			
MHWS	=	3.799				MLWS	=	0.878			
MHWN	=	3.046				MLWN	=	1.744			
Mn.sp.range	=	2.920				Sp.range					
Mn.np.range	=	1.301				Np.range					
Mn.range	=	2.107									