

TIDES : DAILY HIGH AND LOW WATERS

Station.....AO UDOM.....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	
1	1530	3.44	0210	2.83		1	0840	2.19	2250	2.16			
2	1530	3.63	0350	3.00		2	0900	2.28	2140	2.23			
3	1530	3.75	0400	3.51		3	0930	2.57	2200	2.04			
4	0450	3.51	1610	3.46	☉	4	1046	2.40	2330	1.40			
5	1650	3.62	0610	3.60		5	1130	2.43	2350	1.37			
6	0650	4.14	1655	3.66		6	-	-	1255	2.87			
7	0755	4.00	1740	3.57		7	-	-	1320	2.94			
8	0830	4.17	1804	3.67		8	1405	3.23	0110	1.04			
9	0930	4.03	1830	3.44		9	1520	3.16	0140	1.13			
10	1055	4.04	-	-		10	-	-	0230	1.18			
11	1100	3.90	-	-	☾	11	-	-	0310	1.49			
12	1230	3.82	-	-		12	-	-	0400	1.74			
13	1315	3.74	-	-		13	2045	2.55	0500	1.93			
14	1340	3.82	0030	2.86		14	2050	2.29	0640	2.21			
15	1430	3.61	0240	3.10		15	0800	2.45	2155	1.89			
16	1446	3.60	0415	3.34		16	0920	2.68	2200	1.72			
17	1530	3.60	0510	3.54		17	1030	2.64	2240	1.45			
18	0540	3.75	1610	3.41	●	18	1110	2.52	2300	1.22			
19	0625	3.92	1620	3.51		19	1210	2.76	2335	1.20			
20	0715	3.82	1700	3.18		20	1300	2.67	2350	1.07			
21	0740	4.11	1715	3.58		21	-	-	1305	3.03			
22	0800	4.11	1725	3.26		22	1350	2.96	0040	1.34			
23	0840	3.90	1750	3.36		23	1400	3.10	0040	1.16			
24	0900	4.07	-	-		24	-	-	0115	1.53			
25	1020	3.75	-	-		25	-	-	0150	1.63			
26	1150	3.76	-	-		26	-	-	0230	1.65			
27	1100	3.73	-	-	☽	27	-	-	0250	2.00			
28	1300	3.82	-	-		28	-	-	0300	2.25			
29	1315	3.54	-	-		29	2030	2.55	0500	2.29			
30	1300	3.52	-	-		30	-	-	2100	2.44			
31						31							
Monthly						Monthly							
Sum		114.22		63.88		Sum		47.43		53.6			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.170				L'est LW	=	1.040					
MHWH	=	3.807				MLLW	=	1.787					
MLHW	=	3.362				MHLW	=	2.635					
MHW	=	3.635				MLW	=	2.105					
M.S.L.	=	2.853				M.T.L.	=	2.870					
MHWS	=	3.624				MLWS	=	2.041					
MHWN	=	3.794				MLWN	=	1.963					
Mn.sp.range	=	1.583				Sp.range							
Mn.np.range	=	1.831				Np.range							
Mn.range	=	1.530											