

# TIDES : DAILY HIGH AND LOW WATERS

Station.....BANLEAM.....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	
1	1600	3.61	0300	2.92		1	0900	2.16	2215	2.12	
2	1640	3.65	0400	3.13		2	1000	2.22	2220	2.16	
3	1600	3.77	0430	3.63		3	1000	2.48	2350	1.95	
4	0530	3.53	1700	3.52	☉	4	-	-	1120	2.28	
5	1740	3.73	0700	3.64		5	1240	2.38	0030	1.28	
6	0730	4.05	1800	3.65		6	1300	2.67	0100	1.23	
7	0840	4.05	1850	3.64		7	1410	2.86	0200	1.20	
8	0900	4.22	1850	3.76		8	1400	3.18	0230	1.19	
9	1030	4.14	1930	3.57		9	1530	3.20	0300	1.22	
10	1120	4.16	-	-		10	-	-	0340	1.29	
11	1130	4.05	-	-	☾	11	-	-	0400	1.48	
12	1400	3.93	-	-		12	-	-	0430	1.69	
13	1400	3.98	-	-		13	2200	2.73	0620	1.96	
14	1430	4.05	0140	3.09		14	2220	2.53	0750	2.40	
15	1530	3.56	0330	3.37		15	0930	2.35	2230	1.76	
16	1530	3.61	0430	3.34		16	1000	2.51	2320	1.61	
17	1620	3.56	0600	3.50		17	-	-	1050	2.48	
18	0610	3.76	1700	3.40	●	18	1150	2.29	0000	1.28	
19	0640	3.83	1700	3.41		19	1230	2.51	0000	1.17	
20	0700	3.73	1800	3.26		20	1300	2.49	0040	1.18	
21	0820	4.20	1830	3.66		21	1400	3.09	0150	1.17	
22	0830	4.16	1830	3.34		22	1435	2.93	0200	1.37	
23	0915	4.02	1800	3.45		23	1500	3.12	0200	1.31	
24	0940	4.20	1850	3.61		24	1510	3.35	0230	1.52	
25	1020	3.99	-	-		25	-	-	0300	1.64	
26	1150	3.99	-	-		26	2240	2.98	0300	1.76	
27	1200	3.93	-	-	☽	27	-	-	2220	2.93	
28	1350	-	-	-		28	-	-	-	-	
29	1415	3.72	-	-		29	2120	2.68	0600	2.36	
30	1345	3.69	-	-		30	-	-	2200	2.56	
31						31					
Monthly						Monthly					
Sum		112.87		68.89		Sum		56.71		49.55	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.220				L'est LW	=	1.170			
MHHW	=	3.892				MLLW	=	1.709			
MLHW	=	3.445				MHLW	=	2.700			
MHW	=	3.709				MLW	=	2.125			
M.S.L.	=	2.926				M.T.L.	=	2.917			
MHWS	=	3.623				MLWS	=	1.976			
MHWN	=	3.966				MLWN	=	2.186			
Mn.sp.range	=	1.647				Sp.range					
Mn.np.range	=	1.780				Np.range					
Mn.range	=	1.584									