

# TIDES : DAILY HIGH AND LOW WATERS

Month.....JULY.....Station.....BANLEAM.....Year...2015.....

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	1830	3.65	0340	2.94		1	-	-	1140	0.84	
2	1920	3.61	0340	2.73	☉	2	0340	2.73	1200	0.76	
3	1950	3.61	0500	2.73		3	0130	2.24	1310	0.60	
4	2030	3.61	0600	2.85		4	0130	2.35	1400	0.60	
5	2050	3.65	0630	2.81		5	0210	2.23	1420	0.60	
6	2120	3.84	0700	3.04		6	0300	2.33	1450	0.85	
7	2140	3.57	0830	2.96		7	0350	2.24	1510	1.05	
8	2220	3.60	0920	2.73		8	0430	1.88	1600	1.17	
9	2240	3.42	0950	2.57	☾	9	0510	1.77	1600	1.60	
10	1200	2.49	-	-		10	1650	2.21	0610	1.53	
11	0000	3.30	-	-		11	-	-	0750	1.45	
12	1650	3.30	0015	3.27		12	-	-	0800	1.42	
13	1740	3.65	-	-		13	-	-	0920	1.23	
14	1810	3.71	-	-		14	-	-	1030	1.16	
15	1940	3.77	-	-		15	-	-	1100	1.08	
16	1940	3.84	0430	3.07	●	16	0000	2.80	1200	1.09	
17	1930	3.84	0430	3.24		17	0100	2.87	1330	1.07	
18	2040	3.77	0530	3.08		18	0120	2.41	1350	1.06	
19	2050	3.89	0550	3.08		19	0220	2.53	1400	1.07	
20	2110	3.84	0720	2.99		20	0320	2.32	1430	1.09	
21	2040	3.85	0750	3.10		21	0320	2.30	1430	1.37	
22	2200	3.73	0840	2.92		22	0340	1.93	1500	1.45	
23	2150	3.67	0930	2.81		23	0420	1.96	1530	1.84	
24	2200	3.52	1030	2.70	☾	24	1530	2.00	0520	1.68	
25	2200	3.40	1220	2.77		25	1610	2.53	0550	1.61	
26	2150	3.24	-	-		26	-	-	0620	1.56	
27	1650	3.17	-	-		27	-	-	0800	1.48	
28	1600	3.62	-	-		28	-	-	0740	1.33	
29	1820	3.81	-	-		29	-	-	1000	1.22	
30	1930	3.94	-	-		30	-	-	1040	1.10	
31	1840	3.86	0430	3.13	☉	31	0000	2.42	1230	1.08	
Monthly						Monthly					
Sum		111.77		61.52		Sum		46.05		37.04	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	3.940				L' est LW	=	0.600			
MHHW	=	3.605				MLLW	=	1.195			
MLHW	=	2.930				MHLW	=	2.303			
MHW	=	3.333				MLW	=	1.629			
M.S.L.	=	2.499				M.T.L.	=	2.481			
MHWS	=	2.785				MLWS	=	1.290			
MHWN	=	3.094				MLWN	=	1.771			
Mn.sp.range	=	1.495				Sp.range					
Mn.np.range	=	1.323				Np.range					
Mn.range	=	1.703									