

# TIDES : DAILY HIGH AND LOW WATERS

Station.....BANLEAM.....Month.....JANUARY.....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    m	meter	
1	1030	4.04	1930	3.09		1	1630	2.84	0230	1.87	
2	1000	3.74	-	-	☾	2	-	-	0300	2.06	
3	1030	3.48	-	-		3	1730	2.20	0300	2.10	
4	1100	3.73	-	-		4	-	-	1920	2.16	
5	1110	3.46	-	-		5	-	-	2000	1.80	
6	1140	3.34	-	-		6	-	-	2100	1.59	
7	0530	3.61	-	-		7	-	-	2230	1.36	
8	0550	3.81	-	-		8	-	-	2300	1.26	
9	0700	3.97	-	-		9	-	-	-	-	
10	0730	3.96	1610	3.31	●	10	1300	3.04	0000	1.29	
11	0750	3.91	1700	3.28		11	1250	2.83	0050	1.05	
12	0820	3.92	1740	3.33		12	1320	2.85	0120	0.82	
13	0840	4.09	1840	3.47		13	1350	2.93	0200	1.00	
14	0900	4.10	1910	3.49		14	1500	2.75	0210	1.20	
15	0920	4.12	2000	3.53		15	1500	2.65	0235	1.35	
16	0940	4.04	2110	3.13		16	1130	2.28	0300	1.49	
17	1010	3.94	2230	3.04	☾	17	1700	2.06	0330	1.77	
18	1030	3.85	-	-		18	0320	2.20	1800	1.79	
19	1620	3.79	0030	2.96		19	0440	2.73	1930	1.83	
20	1110	3.60	-	-		20	-	-	2040	1.60	
21	0510	3.66	-	-		21	-	-	2210	1.32	
22	0520	3.76	-	-		22	-	-	2310	1.16	
23	0650	3.92	-	-		23	-	-	-	-	
24	0720	4.08	1640	3.60	○	24	1250	3.25	0000	1.16	
25	0720	4.03	1640	3.61		25	1230	3.32	0040	1.24	
26	0740	3.94	1630	3.57		26	1230	3.32	0040	1.60	
27	0820	3.65	1750	3.39		27	1410	2.83	0130	1.45	
28	0840	3.87	1850	3.49		28	1400	2.72	0150	1.34	
29	0840	4.00	1950	3.32		29	1440	2.53	0210	1.56	
30	0850	4.00	2040	3.35		30	1540	2.33	0230	1.70	
31	0920	3.96	2050	3.26		31	1600	2.29	0300	2.00	
Monthly						Monthly					
Sum		119.37		60.22		Sum		53.95		43.92	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.120				L'est LW	=	0.820			
MHHW	=	3.851				MLLW	=	1.514			
MLHW	=	3.346				MHLW	=	2.698			
MHW	=	3.665				MLW	=	1.997			
M.S.L.	=	2.837				M.T.L.	=	2.831			
MHWS	=	3.745				MLWS	=	2.148			
MHWN	=	3.569				MLWN	=	2.099			
Mn.sp.range	=	1.598				Sp.range					
Mn.np.range	=	1.471				Np.range					
Mn.range	=	1.668									