

# TIDES : DAILY HIGH AND LOW WATERS

Station.....BANGPAKONG.....Month.....DECEMBER.....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	0800	3.77	1730	3.44		1	1330	2.81	0100	1.11	
2	0900	4.13	1730	3.57		2	1330	3.17	0100	1.32	
3	0900	3.99	1740	3.59		3	1320	3.28	0120	1.55	
4	0920	4.05	1800	3.47		4	1445	3.16	0220	1.61	
5	1100	4.01	1700	3.41		5	1550	3.19	0230	1.34	
6	1100	4.02	1800	3.18		6	1700	2.98	0330	1.44	
7	1130	3.89	-	-	☾	7	-	-	0330	1.59	
8	1220	3.78	-	-		8	-	-	0410	1.82	
9	1230	3.80	-	-		9	2000	2.49	0420	2.19	
10	1300	3.71	0100	2.99		10	0530	2.58	2100	2.04	
11	1400	3.65	0400	3.19		11	0740	2.77	2200	1.53	
12	0430	3.45	1430	3.41		12	1030	2.69	2300	1.15	
13	0520	3.57	1530	3.41		13	-	-	1030	2.68	
14	0630	3.97	1530	3.56	☉	14	1200	2.97	0010	1.04	
15	0800	4.03	1700	3.51		15	1300	2.95	0100	1.01	
16	0830	4.13	1800	3.48		16	1400	2.99	0210	0.99	
17	0930	4.08	1800	3.59		17	1500	3.16	0250	0.99	
18	0930	4.15	1850	3.24		18	1530	2.98	0250	1.21	
19	1000	3.81	1900	3.16		19	1600	2.85	0330	1.19	
20	1030	3.98	2100	3.35		20	1600	2.88	0320	1.36	
21	1030	3.99	-	-	☾	21	-	-	0330	1.87	
22	1130	3.88	-	-		22	1825	2.53	0330	2.06	
23	1200	3.83	-	-		23	-	-	2000	2.45	
24	1230	3.63	-	-		24	-	-	2100	2.04	
25	1300	3.40	-	-		25	-	-	2200	1.64	
26	0530	3.60	1340	3.44		26	1030	3.17	2200	1.69	
27	0610	3.79	1500	3.29		27	1130	3.04	2310	1.67	
28	0630	3.97	1540	3.67		28	1130	3.35	2350	1.59	
29	0700	3.87	1610	3.28	●	29	-	-	1240	3.04	
30	0800	3.80	1640	3.30		30	1310	3.01	0100	1.11	
31	0800	4.08	1700	3.41		31	1335	3.03	0120	1.27	
Monthly						Monthly					
Sum		119.81		77.94		Sum		68.03		49.59	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.150				L'est LW	=	0.990			
MHHW	=	3.865				MLLW	=	1.600			
MLHW	=	3.389				MHLW	=	2.958			
MHW	=	3.662				MLW	=	2.178			
M.S.L.	=	2.872				M.T.L.	=	2.920			
MHWS	=	3.690				MLWS	=	2.069			
MHWN	=	3.770				MLWN	=	1.974			
Mn.sp.range	=	1.621				Sp.range					
Mn.np.range	=	1.796				Np.range					
Mn.range	=	1.484									