

# TIDES : DAILY HIGH AND LOW WATERS

Month.....JULY.....Station.....SAMUTSONGKHRAM.....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	1850	3.95	0300	3.20		1	-	-	1130	1.16	
2	1915	3.88	-	-	☉	2	-	-	1300	0.96	
3	1950	3.89	0510	3.00		3	0120	2.53	1410	0.93	
4	2040	3.93	0600	3.13		4	0200	2.62	1500	0.95	
5	2100	3.97	0620	3.12		5	0230	2.56	1540	0.97	
6	2130	4.14	0700	3.32		6	0250	2.66	1530	1.22	
7	2240	3.83	0800	3.27		7	0400	2.56	1530	1.41	
8	2215	3.86	0930	3.00		8	0430	2.20	1610	1.52	
9	2230	3.66	1000	2.83	☾	9	0530	2.10	1630	1.92	
10	2300	3.57	1200	2.77		10	1700	2.52	0700	1.82	
11	-	-	-	-		11	-	-	0800	1.80	
12	1720	3.52	0000	3.50		12	2245	3.20	0800	1.69	
13	1730	3.85	0120	3.37		13	2115	3.32	0940	1.49	
14	1800	3.96	0200	3.36		14	-	-	1030	1.48	
15	1920	4.04	-	-		15	-	-	1130	1.34	
16	1930	4.08	0400	3.32	●	16	0040	3.00	1300	1.33	
17	2000	4.08	0500	3.48		17	0100	3.08	1330	1.35	
18	2000	4.00	0520	3.33		18	0140	2.85	1400	1.31	
19	2000	4.19	0600	3.32		19	0200	2.80	1430	1.37	
20	2200	4.12	0750	3.28		20	0320	2.61	1440	1.47	
21	2030	4.16	0750	3.41		21	0340	2.61	1430	1.71	
22	2200	4.00	-	-		22	-	-	0350	2.25	
23	2135	3.95	0930	3.10		23	0430	2.28	1500	2.16	
24	2200	3.80	1040	2.99	☾	24	1530	2.31	0500	1.99	
25	2230	3.67	1200	3.02		25	1650	2.80	0620	1.94	
26	2220	3.51	-	-		26	-	-	0700	1.88	
27	1810	3.48	-	-		27	-	-	0800	1.78	
28	1650	3.93	-	-		28	2300	3.24	0910	1.64	
29	1800	4.16	0100	3.27		29	-	-	1030	1.60	
30	1830	4.12	-	-		30	-	-	1100	1.41	
31	1830	4.15	-	-	☉	31	-	-	1230	1.19	
Monthly						Monthly					
Sum		117.453		70.39		Sum		53.85		47.04	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	4.190				L' est LW	=	0.930			
MHHW	=	3.915				MLLW	=	1.517			
MLHW	=	3.200				MHLW	=	2.693			
MHW	=	3.612				MLW	=	1.978			
M.S.L.	=	2.803				M.T.L.	=	2.795			
MHWS	=	2.979				MLWS	=	1.369			
MHWN	=	3.364				MLWN	=	2.089			
Mn.sp.range	=	1.610				Sp.range					
Mn.np.range	=	1.275				Np.range					
Mn.range	=	1.634									