

# TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSAKORN.....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	
1	1000	4.35	2000	3.37		1	1700	3.12	0230	2.11			
2	1000	4.04	-	-	☾	2	-	-	0300	2.37			
3	1030	3.76	-	-		3	1800	2.49	0300	2.41			
4	1100	4.03	-	-		4	-	-	1900	2.48			
5	1110	3.76	-	-		5	-	-	2000	2.13			
6	0530	3.62	-	-		6	-	-	2100	1.92			
7	0530	3.88	-	-		7	-	-	2230	1.71			
8	0600	4.12	-	-		8	-	-	2300	1.62			
9	0700	4.32	1540	3.55		9	-	-	1300	3.35			
10	0700	4.25	1615	3.58	●	10	1300	3.27	0000	1.67			
11	0730	4.22	1700	3.52		11	1300	3.07	0100	1.41			
12	0820	4.24	1750	3.62		12	1400	3.12	0200	1.37			
13	0840	4.45	1830	3.78		13	1430	3.21	0200	1.44			
14	0900	4.42	1900	3.80		14	1420	3.02	1200	1.63			
15	0920	4.44	2000	3.80		15	1500	2.92	0300	1.74			
16	0930	4.34	2130	3.44		16	1640	2.59	0300	1.88			
17	1000	4.24	2210	3.32	☾	17	1710	2.37	0300	2.14			
18	1020	4.15	-	-		18	0400	2.46	1800	2.12			
19	1050	4.09	0000	3.28		19	0430	3.03	1940	2.22			
20	1130	3.86	-	-		20	-	-	2030	1.96			
21	0500	3.94	-	-		21	-	-	2200	1.72			
22	0540	4.08	-	-		22	-	-	2300	1.52			
23	0700	4.25	1500	3.62		23	-	-	1200	3.41			
24	0700	4.42	1633	3.82	○	24	1230	3.42	0000	1.56			
25	0800	4.36	1540	3.87		25	1320	3.56	0100	1.52			
26	0800	4.28	1700	3.84		26	1240	3.56	0100	1.88			
27	0830	3.92	1750	3.62		27	1420	3.08	0150	1.74			
28	0850	4.19	1900	3.76		28	1400	3.02	0200	1.72			
29	0900	4.26	2000	3.56		29	1500	2.79	0200	1.91			
30	0900	4.24	2045	3.64		30	1600	2.62	0230	2.00			
31	0900	4.26	2130	3.58		31	1600	2.60	0300	2.34			
Monthly						Monthly							
Sum		128.78		72.37		Sum		59.32		61.002			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.450				L'est LW	=	1.370					
MHHW	=	4.154				MLLW	=	1.968					
MLHW	=	3.619				MHLW	=	2.966					
MHW	=	3.944				MLW	=	2.359					
M.S.L.	=	3.143				M.T.L.	=	3.152					
MHWS	=	3.985				MLWS	=	2.584					
MHWN	=	3.868				MLWN	=	2.414					
Mn.sp.range	=	1.401				Sp.range							
Mn.np.range	=	1.454				Np.range							
Mn.range	=	1.585											