

TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSAKORN.....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	meter	h	
1	0750	4.19	1700	3.69		1	1300	3.13	0100	1.52			
2	0800	4.52	1750	3.80		2	1400	3.46	0100	1.65			
3	0725	4.29	1800	3.79		3	1500	3.58	0130	1.88			
4	0930	4.38	1700	3.68		4	1500	3.48	0200	1.94			
5	0940	4.38	-	-		5	-	-	0200	1.69			
6	1040	4.42	-	-		6	-	-	0300	1.77			
7	1100	4.20	-	-	☾	7	-	-	0300	1.96			
8	1200	4.08	-	-		8	-	-	0400	2.15			
9	1200	4.12	-	-		9	1900	2.74	0500	2.50			
10	1300	4.00	0100	3.25		10	0600	2.85	2030	2.32			
11	1330	3.95	0300	3.44		11	0800	3.04	2200	1.85			
12	0430	3.72	1500	3.62		12	1000	3.00	2300	1.49			
13	0500	3.84	1500	3.60		13	-	-	1100	2.94			
14	0600	4.20	1600	3.79	☉	14	1100	3.18	0000	1.34			
15	0700	4.28	1700	3.77		15	1300	3.22	0100	1.32			
16	0800	4.48	1800	3.75		16	1330	3.26	0200	1.34			
17	0900	4.34	1800	3.81		17	1420	3.36	0300	1.34			
18	0900	4.42	1910	3.48		18	1545	3.23	0230	1.47			
19	1000	4.11	1930	3.43		19	1500	3.15	0300	1.46			
20	1000	4.32	2010	3.64		20	1600	3.18	0300	1.69			
21	1030	4.29	-	-	☾	21	-	-	0300	2.16			
22	1100	4.22	2240	3.12		22	1900	2.87	0330	2.37			
23	1100	4.15	-	-		23	0400	2.92	2000	2.75			
24	1200	3.93	-	-		24	-	-	2100	2.35			
25	1300	3.65	-	-		25	-	-	2130	1.92			
26	0500	3.84	1400	3.68		26	1000	3.44	2200	1.95			
27	0600	4.04	1510	3.55		27	1100	3.31	2230	1.92			
28	0630	4.32	1500	3.90		28	1115	3.64	2330	1.91			
29	0700	4.12	-	-	●	29	-	-	-	-			
30	0720	4.08	1700	3.48		30	1400	3.24	0100	1.41			
31	0800	4.35	1700	3.67		31	1330	3.36	0100	1.54			
Monthly						Monthly							
Sum		129.23		75.94		Sum		70.64		55.9			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.520				L'est LW	=	1.320					
MHHW	=	4.169				MLLW	=	1.863					
MLHW	=	3.616				MHLW	=	3.211					
MHW	=	3.946				MLW	=	2.433					
M.S.L.	=	3.150				M.T.L.	=	3.190					
MHWS	=	3.975				MLWS	=	2.264					
MHWN	=	4.056				MLWN	=	2.235					
Mn.sp.range	=	1.711				Sp.range							
Mn.np.range	=	1.821				Np.range							
Mn.range	=	1.512											