

# TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSAKORN.....Month.....NOVEMBER.....Year...2017.....

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	1530	3.87	0300	3.20		1	0900	2.40	2250	2.38	
2	1600	3.99	0320	3.39		2	0940	2.47	2230	2.44	
3	1530	4.13	0420	3.91		3	1000	2.79	2300	2.26	
4	1700	3.85	0500	3.82	☉	4	-	-	1100	2.60	
5	1730	4.05	0600	3.93		5	1200	2.60	0000	1.66	
6	0700	4.48	1800	4.02		6	1220	3.02	0100	1.65	
7	0840	4.44	1800	4.05		7	1330	3.20	0200	1.56	
8	0900	4.52	1810	4.06		8	1400	3.45	0200	1.62	
9	1000	4.48	1900	3.86		9	1500	3.45	0300	1.60	
10	1100	4.43	2000	3.88		10	1630	3.65	0400	1.64	
11	1140	4.34	-	-	☾	11	-	-	0400	1.83	
12	1300	4.24	-	-		12	-	-	0420	1.98	
13	1300	4.16	-	-		13	2100	2.81	0600	2.18	
14	1400	4.21	0130	3.26		14	2210	2.52	0700	2.49	
15	1500	4.00	0300	3.52		15	0900	2.78	2200	2.16	
16	1500	3.96	0420	3.75		16	0950	2.89	2300	1.95	
17	1600	4.00	0500	3.93		17	1000	2.90	2330	1.73	
18	0600	4.16	1635	3.86	●	18	-	-	1200	2.76	
19	1630	4.30	1650	3.92		19	1200	2.96	0030	1.62	
20	0700	4.22	1730	3.57		20	1300	2.92	0100	1.62	
21	0800	4.41	1720	4.04		21	1300	3.26	0130	1.56	
22	0900	4.41	1800	3.66		22	1420	3.21	0130	1.73	
23	0900	4.34	1840	3.80		23	1430	3.41	0200	1.63	
24	0900	4.48	1800	3.87		24	1430	3.60	0200	1.88	
25	1000	4.12	-	-		25	-	-	0300	1.93	
26	1110	4.17	-	-		26	-	-	0300	1.96	
27	1230	4.11	-	-	☽	27	-	-	0330	2.30	
28	1240	4.24	-	-		28	-	-	0400	2.58	
29	1300	3.92	-	-		29	2100	2.88	0550	2.58	
30	1300	3.91	-	-		30	-	-	2100	2.70	
31						31					
Monthly						Monthly					
Sum		125.94		79.3		Sum		63.17		60.58	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.520				L'est LW	=	1.560			
MHHW	=	4.198				MLLW	=	2.019			
MLHW	=	3.776				MHLW	=	3.008			
MHW	=	4.024				MLW	=	2.426			
M.S.L.	=	3.199				M.T.L.	=	3.225			
MHWS	=	4.009				MLWS	=	2.364			
MHWN	=	4.166				MLWN	=	2.399			
Mn.sp.range	=	1.646				Sp.range					
Mn.np.range	=	1.766				Np.range					
Mn.range	=	1.598									