

TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSONGRAM.....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	0800	4.12	1730	3.70		1	1220	3.16	0100	1.44			
2	0830	4.31	1815	3.84		2	1350	3.48	0100	1.71			
3	0830	4.32	1705	3.88		3	1310	3.50	0130	1.97			
4	0910	4.32	1740	3.73		4	1500	3.48	0200	1.99			
5	1000	4.30	-	-		5	-	-	0300	1.72			
6	1030	4.29	-	-		6	-	-	0300	1.80			
7	1130	4.14	-	-	☾	7	-	-	0330	1.95			
8	1140	4.04	-	-		8	-	-	0400	2.14			
9	1200	4.08	-	-		9	1930	2.73	0400	2.51			
10	1300	3.99	0000	3.24		10	0600	2.84	2100	2.35			
11	1325	3.92	0300	3.45		11	0800	3.04	2200	1.85			
12	0430	3.70	1430	3.64		12	1000	3.00	2300	1.44			
13	0500	3.83	1525	3.66		13	-	-	1100	2.96			
14	0600	4.17	1600	3.82	☉	14	1120	3.23	0000	1.30			
15	0700	4.26	1700	3.80		15	1200	3.28	0100	1.33			
16	0830	4.31	1730	3.82		16	1330	3.32	0200	1.28			
17	0900	4.28	1820	3.86		17	1400	3.45	0230	1.32			
18	0920	4.30	1900	3.52		18	1535	3.29	0300	1.56			
19	1000	4.11	1920	3.46		19	1530	3.15	0330	1.48			
20	1000	4.19	2020	3.65		20	1600	3.21	0330	1.68			
21	1000	4.19	-	-	☾	21	-	-	0330	3.19			
22	1100	4.16	2220	3.10		22	1820	2.87	0330	2.36			
23	1130	4.14	-	-		23	0430	2.90	2000	2.76			
24	1200	3.96	-	-		24	-	-	2100	2.37			
25	1300	3.70	-	-		25	-	-	2150	1.96			
26	0550	3.87	1400	3.72		26	1000	3.48	2230	1.99			
27	0600	4.08	1500	3.61		27	1100	3.41	2300	2.01			
28	0620	4.27	1500	3.97		28	1110	3.72	2359	2.00			
29	0700	4.15	-	-	●	29	-	-	-	-			
30	0800	4.12	1700	3.57		30	1300	3.32	0100	1.48			
31	0800	4.27	1710	3.72		31	1330	3.41	0100	1.60			
Monthly						Monthly							
Sum		127.89		76.76		Sum		71.27		57.5			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.320				L'est LW	=	1.280					
MHHW	=	4.125				MLLW	=	1.917					
MLHW	=	3.655				MHLW	=	3.240					
MHW	=	3.936				MLW	=	2.476					
M.S.L.	=	3.176				M.T.L.	=	3.206					
MHWS	=	3.983				MLWS	=	2.302					
MHWN	=	3.998				MLWN	=	2.315					
Mn.sp.range	=	1.681				Sp.range							
Mn.np.range	=	1.683				Np.range							
Mn.range	=	1.459											