

# TIDES : DAILY HIGH AND LOW WATERS

Month.....MARCH.....Station.....LANGSUAN.....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	0900	3.12	-	-		1	-	-	2100	2.05	
2	0900	3.24	-	-		2	-	-	2000	2.16	
3	1000	3.20	-	-		3	-	-	2000	1.99	
4	1100	2.94	-	-		4	-	-	2000	2.01	
5	1100	3.08	-	-		5	-	-	2000	2.16	
6	1200	3.06	-	-	☉	6	-	-	2030	2.19	
7	1300	2.97	0200	2.58		7	0730	2.35	2000	2.16	
8	1300	3.00	0120	2.65		8	2000	2.32	0620	2.32	
9	0200	2.88	1400	2.80		9	0800	2.35	2000	2.20	
10	0200	2.92	1400	2.81		10	1930	2.36	0800	2.34	
11	0230	3.24	1430	2.70		11	0930	2.47	2000	2.35	
12	0300	3.15	1530	2.48		12	1020	2.28	2000	2.24	
13	0400	3.16	-	-		13	-	-	1600	1.86	
14	0330	3.32	-	-	☾	14	-	-	1900	1.84	
15	0600	3.16	-	-		15	-	-	2000	1.97	
16	0600	3.18	-	-		16	-	-	1900	2.02	
17	0730	3.12	-	-		17	-	-	2000	1.92	
18	0900	3.01	-	-		18	-	-	1900	2.00	
19	1000	3.01	-	-		19	-	-	2000	2.00	
20	1130	2.86	-	-	●	20	-	-	1900	2.01	
21	1200	2.84	0130	2.52		21	0640	2.25	1940	2.10	
22	0130	2.68	1300	2.64		22	0745	2.07	1900	2.06	
23	0200	2.80	1430	2.56		23	2000	2.17	0900	2.06	
24	0300	3.08	1500	2.42		24	1930	2.18	1000	2.14	
25	0230	3.24	-	-		25	-	-	1840	2.26	
26	0300	3.44	-	-		26	-	-	1900	2.30	
27	0400	3.45	-	-	☾	27	-	-	1600	2.25	
28	0430	3.27	-	-		28	-	-	2010	2.31	
29	0600	3.34	-	-		29	-	-	1900	2.28	
30	0700	3.27	-	-		30	-	-	2000	2.27	
31	0900	3.16	-	-		31	-	-	1730	2.43	
Monthly						Monthly					
Sum		96.19		26.16		Sum		22.8		66.25	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	3.450				L' est LW	=	1.840			
MHHW	=	3.103				MLLW	=	2.137			
MLHW	=	2.616				MHLW	=	2.280			
MHW	=	2.984				MLW	=	2.172			
M.S.L.	=	2.552				M.T.L.	=	2.578			
MHWS	=	2.824				MLWS	=	2.166			
MHWN	=	3.290				MLWN	=	2.104			
Mn.sp.range	=	0.658				Sp.range					
Mn.np.range	=	1.186				Np.range					
Mn.range	=	0.812									