

TIDES : DAILY HIGH AND LOW WATERS

Month.....JULY.....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	2300	3.16	-	-		1	-	-	1000	1.72	
2	2350	3.08	-	-	☉	2	-	-	1200	1.64	
3	-	-	-	-		3	-	-	1000	1.44	
4	0100	3.21	-	-		4	-	-	0940	1.49	
5	0200	3.10	-	-		5	-	-	1130	1.44	
6	0200	3.04	-	-		6	-	-	1000	1.68	
7	0250	3.10	-	-		7	-	-	1100	1.85	
8	0300	2.84	-	-		8	-	-	1100	1.84	
9	0230	2.71	-	-	☾	9	-	-	1030	1.90	
10	2040	2.65	0250	2.47		10	-	-	1030	1.80	
11	2100	2.90	-	-		11	-	-	1030	1.85	
12	2100	3.04	-	-		12	-	-	1020	1.88	
13	2200	3.26	-	-		13	-	-	0930	1.88	
14	2300	3.24	-	-		14	-	-	0820	1.86	
15	2350	3.33	-	-		15	-	-	1000	1.80	
16	2350	3.42	-	-	●	16	-	-	0800	1.92	
17	-	-	-	-		17	-	-	0910	1.95	
18	2400	3.36	-	-		18	-	-	1100	1.92	
19	0130	3.29	-	-		19	-	-	0900	1.96	
20	0120	3.24	-	-		20	-	-	0840	1.92	
21	0310	3.13	-	-		21	-	-	1000	2.06	
22	0240	3.03	-	-		22	-	-	0940	1.94	
23	0300	2.93	1730	2.77		23	-	-	1030	2.10	
24	1900	2.81	-	-	☾	24	-	-	1000	2.04	
25	1900	2.99	-	-		25	-	-	1000	2.10	
26	2010	3.15	-	-		26	-	-	1100	2.10	
27	1900	3.08	-	-		27	-	-	0900	2.09	
28	2030	3.28	-	-		28	-	-	0820	1.92	
29	2200	3.38	-	-		29	-	-	0900	1.93	
30	2330	3.44	-	-		30	-	-	0800	1.86	
31	2340	3.44	-	-	☉	31	-	-	0900	1.83	
Monthly						Monthly					
Sum		90.63		5.24		Sum		0		57.71	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	3.440				L' est LW	=	1.440			
MHHW	=	3.125				MLLW	=	1.862			
MLHW	=	2.620				MHLW	=	-			
MHW	=	3.093				MLW	=	1.862			
M.S.L.	=	2.398				M.T.L.	=	2.477			
MHWS	=	2.203				MLWS	=	1.255			
MHWN	=	2.822				MLWN	=	1.966			
Mn.sp.range	=	0.948				Sp.range					
Mn.np.range	=	0.856				Np.range					
Mn.range	=	1.231									