

TIDES : DAILY HIGH AND LOW WATERS

Month.....JANUARY.....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	3.48	-	-		1	-	-	2100	2.40	
2	0900	3.58	-	-		2	-	-	2100	2.30	
3	1000	3.55	-	-		3	-	-	2300	2.02	
4	1130	3.52	-	-		4	-	-	2200	2.06	
5	1200	3.63	-	-	☉	5	-	-	2300	1.96	
6	1300	3.56	-	-		6	-	-	-	-	
7	1330	3.58	-	-		7	-	-	2400	2.00	
8	1330	3.40	-	-		8	2030	2.24	2400	2.12	
9	1300	3.72	-	-		9	-	-	2330	2.36	
10	1400	3.36	-	-		10	-	-	2330	2.21	
11	1400	3.28	-	-		11	-	-	2200	2.36	
12	1330	3.32	-	-		12	-	-	2200	2.46	
13	1300	3.28	-	-	☾	13	-	-	2200	2.44	
14	1300	3.20	-	-		14	-	-	2150	2.64	
15	0800	3.24	-	-		15	-	-	2200	2.36	
16	0900	3.22	-	-		16	-	-	2200	2.32	
17	0900	3.48	-	-		17	-	-	2100	2.26	
18	0900	3.54	-	-		18	-	-	2100	2.16	
19	1050	3.68	-	-		19	-	-	2200	2.05	
20	1050	3.62	-	-	●	20	-	-	2230	1.96	
21	1200	3.70	-	-		21	-	-	2200	2.07	
22	1230	3.72	-	-		22	-	-	-	-	
23	1300	3.72	-	-		23	2220	2.32	2400	2.21	
24	1330	3.60	-	-		24	-	-	2300	2.33	
25	1400	3.18	-	-		25	-	-	2200	2.18	
26	1500	3.01	-	-		26	-	-	2200	2.14	
27	1500	2.82	-	-	☾	27	-	-	2300	2.20	
28	0600	3.10	-	-		28	-	-	2300	2.24	
29	0700	3.32	-	-		29	-	-	2300	2.28	
30	0830	3.38	-	-		30	-	-	2200	2.26	
31	0900	3.48	-	-		31	-	-	2100	2.36	
Monthly						Monthly					
Sum		106.27		0		Sum		4.56		64.71	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	3.720				L' est LW	=	1.960			
MHHW	=	3.428				MLLW	=	2.231			
MLHW	=	-				MHLW	=	2.280			
MHW	=	3.428				MLW	=	2.235			
M.S.L.	=	2.759				M.T.L.	=	2.831			
MHWS	=	3.626				MLWS	=	2.017			
MHWN	=	3.161				MLWN	=	2.345			
Mn.sp.range	=	1.610				Sp.range					
Mn.np.range	=	0.816				Np.range					
Mn.range	=	1.194									