

TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....JANUARY.....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	1300	3.82	-	-		1	2300	2.65	0040	2.44			
2	1300	3.63	-	-	☾	2	-	-	2350	2.48			
3	1400	3.02	-	-		3	-	-	2300	2.40			
4	0900	3.23	-	-		4	-	-	2350	2.41			
5	0900	3.29	-	-		5	-	-	2300	2.29			
6	1030	3.43	-	-		6	-	-	2300	2.34			
7	1130	3.52	-	-		7	-	-	2300	2.32			
8	1230	3.68	-	-		8	-	-	2130	2.10			
9	0930	3.68	-	-		9	-	-	2200	2.06			
10	1130	3.57	-	-	●	10	-	-	2300	1.92			
11	1250	3.50	-	-		11	-	-	2300	1.86			
12	1300	3.54	-	-		12	-	-	2300	1.98			
13	1330	3.71	-	-		13	-	-	2300	2.18			
14	1400	3.58	-	-		14	-	-	2300	2.25			
15	1500	3.49	-	-		15	-	-	2355	2.24			
16	1600	3.24	-	-		16	-	-	2350	2.18			
17	1630	2.97	-	-	☾	17	-	-	2355	2.12			
18	0900	2.90	-	-		18	-	-	2350	2.14			
19	1000	3.17	-	-		19	-	-	-	-			
20	1020	3.43	-	-		20	0000	2.28	2350	2.20			
21	1200	3.48	-	-		21	-	-	2350	2.06			
22	0910	3.52	-	-		22	-	-	2200	2.04			
23	1030	3.61	-	-		23	-	-	2100	2.06			
24	1130	3.81	-	-	○	24	-	-	-	-			
25	1200	4.32	-	-		25	2200	2.92	2400	2.60			
26	1300	4.01	-	-		26	-	-	-	-			
27	1400	3.60	-	-		27	0000	2.56	2300	2.39			
28	1430	3.64	-	-		28	-	-	2300	2.48			
29	1500	3.35	-	-		29	-	-	2350	2.30			
30	1600	3.22	-	-		30	-	-	2100	2.39			
31	1300	3.16	-	-		31	-	-	2100	2.38			
Monthly						Monthly							
Sum		108.12			0	Sum		10.41			62.61		
Mean						Mean							
mean MSL						mean MSL							
H'est HW		=	4.320			L'est LW		=	1.860				
MHHW		=	3.488			MLLW		=	2.236				
MLHW		=	-			MHLW		=	2.603				
MHW		=	3.488			MLW		=	2.282				
M.S.L.		=	2.821			M.T.L.		=	2.885				
MHWS		=	3.755			MLWS		=	2.200				
MHWN		=	3.248			MLWN		=	2.353				
Mn.sp.range		=	1.555			Sp.range							
Mn.np.range		=	0.895			Np.range							
Mn.range		=	1.206										