

TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....OCTOBER.....Year...2017.....

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	2000	2.48	-	-		1	-	-	0600	1.42			
2	1900	2.38	-	-		2	-	-	0530	1.53			
3	2130	2.47	-	-		3	-	-	0600	1.40			
4	2300	2.65	-	-		4	-	-	0500	1.56			
5	2300	2.53	-	-		5	-	-	0600	1.81			
6	2300	2.38	-	-	☉	6	-	-	0600	1.77			
7	1020	2.50	-	-		7	0500	1.87	1800	1.76			
8	1130	2.70	-	-		8	-	-	1830	1.75			
9	1140	2.84	0000	2.18		9	2100	2.28	0600	1.92			
10	1250	3.50	-	-		10	-	-	2200	2.26			
11	1430	3.44	-	-		11	-	-	-	-			
12	1530	3.44	-	-	☾	12	-	-	0300	2.24			
13	1630	3.40	-	-		13	-	-	0500	2.05			
14	1800	3.00	-	-		14	-	-	0700	1.86			
15	1900	2.99	-	-		15	-	-	0400	1.96			
16	2100	2.98	-	-		16	-	-	0500	2.02			
17	2200	3.12	-	-		17	-	-	0500	2.24			
18	1200	2.98	-	-		18	-	-	0500	2.40			
19	1200	3.04	-	-		19	-	-	0500	2.35			
20	1200	3.04	-	-	●	20	0500	2.33	1900	2.25			
21	1200	3.28	0000	2.62		21	2000	2.38	0540	2.36			
22	1200	3.41	-	-		22	-	-	2100	2.25			
23	1300	3.30	-	-		23	-	-	2200	2.19			
24	1400	3.66	-	-		24	-	-	2200	2.44			
25	1400	3.53	-	-		25	-	-	-	-			
26	1500	3.39	-	-		26	-	-	0400	2.21			
27	1500	3.52	-	-		27	-	-	0100	2.28			
28	1600	3.46	-	-	☾	28	-	-	0300	2.29			
29	1600	3.49	-	-		29	-	-	0500	2.43			
30	1600	3.50	-	-		30	-	-	0400	2.56			
31	2000	3.14	-	-		31	-	-	0400	2.42			
Monthly						Monthly							
Sum		95.54		4.8		Sum		8.86		59.98			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	3.660				L'est LW	=	1.400					
MHHW	=	3.082				MLLW	=	2.068					
MLHW	=	2.400				MHLW	=	2.215					
MHW	=	3.041				MLW	=	2.086					
M.S.L.	=	2.514				M.T.L.	=	2.563					
MHWS	=	2.833				MLWS	=	2.080					
MHWN	=	3.406				MLWN	=	2.244					
Mn.sp.range	=	0.753				Sp.range							
Mn.np.range	=	1.162				Np.range							
Mn.range	=	0.955											