

# TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....JULY.....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	
1	2100	3.18	-	-		1	-	-	0900	1.96	
2	2200	3.30	-	-		2	-	-	0900	2.04	
3	2330	3.35	-	-		3	-	-	1100	1.80	
4	2300	3.40	-	-	●	4	-	-	0800	1.85	
5	-	-	-	-		5	-	-	0930	1.68	
6	2300	3.44	0100	3.24		6	-	-	0800	1.76	
7	-	-	-	-		7	-	-	1000	1.68	
8	0200	3.37	-	-		8	-	-	1100	1.88	
9	0130	3.12	-	-		9	-	-	1100	1.76	
10	0300	3.10	-	-		10	-	-	1030	1.99	
11	0430	2.76	-	-		11	-	-	1220	1.79	
12	0200	2.80	-	-	☾	12	-	-	1100	1.87	
13	2130	2.80	0300	2.60		13	-	-	1140	1.94	
14	1900	2.97	-	-		14	-	-	1000	2.14	
15	2100	3.06	-	-		15	-	-	0900	2.02	
16	2100	3.20	-	-		16	-	-	1100	2.01	
17	2230	3.13	-	-		17	-	-	0940	1.90	
18	2350	3.32	-	-		18	-	-	1000	1.80	
19	2350	3.36	-	-		19	-	-	1000	1.88	
20	-	-	-	-	○	20	-	-	1030	1.81	
21	0200	3.39	-	-		21	-	-	1100	1.91	
22	0100	3.41	-	-		22	-	-	0850	1.91	
23	0000	3.60	-	-		23	-	-	1030	2.00	
24	0200	3.32	-	-		24	-	-	1000	1.98	
25	0300	3.24	-	-		25	-	-	1030	2.08	
26	0400	2.99	-	-		26	-	-	1200	1.92	
27	0300	2.80	-	-	☾	27	-	-	1000	1.96	
28	2000	2.87	0300	2.67		28	-	-	1130	1.95	
29	1900	3.04	-	-		29	-	-	1010	1.98	
30	1900	3.23	-	-		30	-	-	0900	1.95	
31	2150	3.16	-	-		31	-	-	0800	1.96	
Monthly						Monthly					
Sum		88.71		8.51		Sum		0		59.16	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.600				L'est LW	=	1.680			
MHHW	=	3.168				MLLW	=	1.908			
MLHW	=	2.837				MHLW	=	-			
MHW	=	3.136				MLW	=	1.908			
M.S.L.	=	2.446				M.T.L.	=	2.522			
MHWS	=	3.370				MLWS	=	1.825			
MHWN	=	2.573				MLWN	=	1.944			
Mn.sp.range	=	1.545				Sp.range					
Mn.np.range	=	0.629				Np.range					
Mn.range	=	1.228									