

TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....NOVEMBER.....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	
1	1200	2.92	-	-		1	-	-	0400	2.50	
2	2130	3.12	-	-		2	-	-	0400	2.40	
3	1000	3.35	-	-		3	-	-	0300	2.73	
4	1100	3.36	-	-	☉	4	0500	2.83	1900	2.52	
5	1130	3.65	-	-		5	-	-	2000	2.56	
6	1200	3.89	-	-		6	-	-	2100	2.42	
7	1230	3.82	-	-		7	-	-	2300	2.28	
8	1300	4.00	-	-		8	-	-	-	-	
9	1400	3.84	-	-		9	-	-	0100	2.32	
10	1400	3.84	-	-		10	-	-	0200	2.20	
11	1500	3.62	-	-	☾	11	-	-	0300	2.34	
12	1600	3.37	-	-		12	-	-	0100	2.31	
13	1600	3.22	-	-		13	-	-	0200	2.31	
14	1800	3.10	-	-		14	-	-	0200	2.43	
15	1030	3.01	-	-		15	-	-	0250	2.45	
16	1030	3.29	-	-		16	-	-	0300	2.45	
17	1100	3.36	-	-		17	0300	2.48	1900	2.45	
18	1100	3.34	-	-	●	18	-	-	1900	2.20	
19	1200	3.52	-	-		19	-	-	2130	2.19	
20	1230	3.44	-	-		20	-	-	2000	2.39	
21	1240	3.70	-	-		21	-	-	2200	2.27	
22	1250	3.72	-	-		22	-	-	-	-	
23	1300	3.68	-	-		23	-	-	0000	2.10	
24	1320	3.92	-	-		24	-	-	0000	2.36	
25	1320	3.72	-	-		25	-	-	0200	2.50	
26	1400	3.60	-	-		26	-	-	0200	2.34	
27	1400	3.48	-	-	☽	27	-	-	0310	2.50	
28	1400	3.44	-	-		28	-	-	0200	2.52	
29	1340	3.12	-	-		29	-	-	0130	2.53	
30	1310	3.13	-	-		30	-	-	0200	2.55	
31						31					
Monthly						Monthly					
Sum		104.57		0	Sum		5.31		67.12		
Mean					Mean						
mean MSL					mean MSL						
H'est HW	=	4.000			L'est LW	=	2.100				
MHHW	=	3.486			MLLW	=	2.397				
MLHW	=	-			MHLW	=	2.655				
MHW	=	3.486			MLW	=	2.414				
M.S.L.	=	2.856			M.T.L.	=	2.950				
MHWS	=	3.489			MLWS	=	2.477				
MHWN	=	3.461			MLWN	=	2.381				
Mn.sp.range	=	1.012			Sp.range						
Mn.np.range	=	1.080			Np.range						
Mn.range	=	1.071									