

TIDES : DAILY HIGH AND LOW WATERS

Station.....LANGSUAN.....Month.....DECEMBER.....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	1200	3.60	-	-		1	2300	2.30	0000	2.05			
2	1200	3.88	-	-		2	-	-	2200	2.44			
3	1200	3.64	-	-		3	-	-	2340	2.36			
4	1150	3.79	-	-		4	-	-	2230	2.20			
5	1300	3.61	-	-		5	-	-	-	-			
6	1300	3.54	-	-		6	-	-	0040	2.28			
7	1500	3.65	-	-	☾	7	-	-	0100	2.44			
8	1000	3.22	-	-		8	-	-	0200	2.65			
9	1500	3.38	-	-		9	-	-	0200	2.32			
10	1500	3.26	-	-		10	-	-	0100	2.54			
11	1200	3.09	-	-		11	-	-	0200	2.56			
12	1000	3.24	-	-		12	-	-	0000	2.45			
13	1100	3.27	-	-		13	0100	2.10	2120	2.04			
14	1100	3.64	-	-	○	14	-	-	-	-			
15	1200	3.77	-	-		15	2300	2.06	0000	2.04			
16	1200	4.00	-	-		16	-	-	-	-			
17	1330	4.10	-	-		17	-	-	0030	2.12			
18	1400	3.83	-	-		18	-	-	0100	2.39			
19	1400	3.50	-	-		19	-	-	0000	2.20			
20	1430	3.60	-	-		20	2300	2.50	0000	2.21			
21	1400	3.39	-	-	☾	21	-	-	2300	2.35			
22	1400	3.27	-	-		22	-	-	-	-			
23	1330	3.22	-	-		23	2300	2.59	0000	2.46			
24	1000	3.24	-	-		24	-	-	2300	2.43			
25	1000	3.20	-	-		25	-	-	2100	2.28			
26	1000	3.42	-	-		26	-	-	2100	2.42			
27	1000	3.49	-	-		27	-	-	2000	2.41			
28	1130	3.90	-	-		28	-	-	2250	2.59			
29	1200	3.80	-	-	●	29	-	-	2320	2.19			
30	1300	3.78	-	-		30	-	-	2300	2.36			
31	1300	3.90	-	-		31	-	-	2350	2.33			
Monthly						Monthly							
Sum		110.22			0	Sum		11.55		63.11			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.100				L'est LW	=	2.040					
MHHW	=	3.555				MLLW	=	2.337					
MLHW	=	-				MHLW	=	2.310					
MHW	=	3.555				MLW	=	2.333					
M.S.L.	=	2.852				M.T.L.	=	2.944					
MHWS	=	3.758				MLWS	=	1.968					
MHWN	=	3.409				MLWN	=	2.180					
Mn.sp.range	=	1.790				Sp.range							
Mn.np.range	=	1.229				Np.range							
Mn.range	=	1.222											