

# TIDES : DAILY HIGH AND LOW WATERS

Station.....PAKPANANG.....Month.....JUNE.....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	2200	2.68	-	-		1	-	-	1530	2.08	
2	2240	2.74	0900	2.68		2	0350	2.31	1620	2.05	
3	2340	2.87	1130	2.44		3	0630	2.24	1630	1.97	
4	1300	2.45	-	-		4	0740	2.13	1740	1.97	
5	0030	2.98	1400	2.40	●	5	1130	2.16	1830	1.91	
6	0130	3.00	1430	2.31		6	1140	1.98	1920	1.89	
7	0230	3.00	1600	2.36		7	1230	2.04	2010	1.90	
8	0250	3.06	1610	2.29		8	1320	1.96	2110	1.89	
9	0350	2.94	1700	2.22		9	1400	1.91	2110	1.89	
10	0500	2.86	1930	2.30		10	1430	2.00	2310	1.94	
11	0630	2.90	1850	2.35		11	1430	2.08	2250	2.05	
12	0530	2.81	2030	2.33	☾	12	-	-	1430	1.96	
13	0550	2.61	-	-		13	0030	2.05	1420	1.96	
14	0450	2.56	2030	2.42		14	-	-	1420	1.96	
15	2250	2.64	-	-		15	-	-	1530	1.99	
16	2310	2.66	-	-		16	-	-	1540	2.00	
17	2340	2.78	-	-		17	-	-	1650	1.98	
18	2330	2.71	-	-		18	-	-	1650	1.94	
19	-	-	-	-		19	-	-	1710	1.90	
20	0030	2.92	1400	2.36	○	20	1130	2.12	1830	2.02	
21	0210	3.01	-	-		21	-	-	1830	1.90	
22	0130	2.76	1530	2.16		22	1210	1.90	1930	1.89	
23	0250	2.93	1630	2.37		23	1240	2.07	1950	1.95	
24	0350	2.98	1630	2.28		24	1350	2.03	2130	1.91	
25	0410	2.99	1710	2.28		25	1230	2.08	2130	1.93	
26	0430	2.90	1930	2.42		26	1320	2.10	2250	2.01	
27	0550	2.69	1930	2.29		27	2330	2.00	1330	1.93	
28	0640	2.80	2010	2.58	☾	28	-	-	1330	2.08	
29	0550	2.72	2030	2.62		29	0120	2.22	1350	2.00	
30	2210	2.74	0720	2.58		30	0210	2.31	1510	1.94	
31						31					
Monthly						Monthly					
Sum		81.69		50.04		Sum		41.69		58.79	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.060				L'est LW	=	1.890			
MHHW	=	2.817				MLLW	=	1.960			
MLHW	=	2.383				MHLW	=	2.085			
MHW	=	2.635				MLW	=	2.010			
M.S.L.	=	2.349				M.T.L.	=	2.322			
MHWS	=	2.643				MLWS	=	1.979			
MHWN	=	2.600				MLWN	=	2.042			
Mn.sp.range	=	0.663				Sp.range					
Mn.np.range	=	0.558				Np.range					
Mn.range	=	0.625									