

TIDES : DAILY HIGH AND LOW WATERS

Station.....PAKPANANG.....Month.....APRIL.....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	0550	3.06	-	-		1	-	-	2240	2.31			
2	0630	3.10	-	-		2	-	-	-	-			
3	0800	3.04	-	-		3	0020	2.36	1830	2.28			
4	0930	2.96	-	-		4	-	-	1820	2.25			
5	1100	2.92	0000	2.47		5	0410	2.23	1900	2.22			
6	1140	2.94	0000	2.58		6	1900	2.22	0530	2.22			
7	1230	2.93	0100	2.74	●	7	0700	2.24	1930	2.18			
8	1340	2.85	0130	2.83		8	0800	2.19	2000	2.18			
9	0200	2.95	1430	2.82		9	0900	2.26	2100	2.19			
10	0300	3.04	1520	2.72		10	1000	2.24	2130	2.10			
11	0340	3.01	1630	2.60		11	1130	2.16	2200	2.07			
12	0400	3.06	1730	2.55		12	1250	2.20	2230	2.07			
13	0530	3.03	1900	2.40		13	1300	2.20	2300	2.00			
14	0600	2.94	-	-	☾	14	-	-	2330	2.03			
15	0700	2.92	-	-		15	-	-	-	-			
16	0730	2.86	-	-		16	1710	2.16	0030	2.15			
17	0910	2.78	2300	2.53		17	-	-	1700	2.16			
18	0900	2.76	-	-		18	0330	2.30	1830	2.15			
19	1150	2.72	0030	2.51		19	0520	2.24	1750	2.18			
20	1200	2.94	0030	2.80		20	0520	2.45	1850	2.33			
21	0100	2.89	1310	2.72		21	0740	2.39	1940	2.15			
22	0130	2.77	1330	2.70	○	22	0750	2.23	1930	2.17			
23	0140	2.88	1430	2.64		23	0920	2.21	1950	2.15			
24	0230	2.93	1500	2.66		24	2020	2.22	1020	2.21			
25	0230	3.02	1550	2.56		25	1130	2.22	2110	2.12			
26	0310	2.94	1630	2.48		26	1130	2.12	2120	2.06			
27	0330	2.93	1650	2.45		27	1220	2.16	2140	2.09			
28	0430	2.95	1730	2.40		28	1320	2.13	2220	2.10			
29	0430	2.94	-	-		29	-	-	2230	2.13			
30	0530	2.90	1950	2.40	☾	30	1510	2.20	2330	2.18			
31						31							
Monthly						Monthly							
Sum		87.96		54.56		Sum		51.33		60.43			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	3.100				L'est LW	=	2.000					
MHHW	=	2.932				MLLW	=	2.158					
MLHW	=	2.598				MHLW	=	2.232					
MHW	=	2.795				MLW	=	2.191					
M.S.L.	=	2.494				M.T.L.	=	2.493					
MHWS	=	2.802				MLWS	=	2.213					
MHWN	=	1.866				MLWN	=	1.421					
Mn.sp.range	=	0.589				Sp.range							
Mn.np.range	=	0.445				Np.range							
Mn.range	=	0.603											