

TIDES : DAILY HIGH AND LOW WATERS

Station.....PAKPANANG.....Month.....MAY.....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	0410	3.27	-	-		1	-	-	2200	2.15	
2	0500	3.25	-	-		2	-	-	2230	2.12	
3	0620	3.14	-	-	☾	3	-	-	2330	2.10	
4	0700	3.03	2110	2.52		4	-	-	1530	2.22	
5	0800	2.97	-	-		5	2100	2.23	0100	2.20	
6	0900	2.78	2300	2.61		6	-	-	1600	2.15	
7	1000	2.84	2200	2.83		7	0300	2.31	1700	2.20	
8	1100	2.86	-	-		8	0400	2.43	1800	2.15	
9	0000	2.93	1200	2.82		9	0600	2.32	1800	2.19	
10	0000	3.03	1300	2.77		10	0800	2.30	1900	2.13	
11	0200	3.01	1400	2.69	☽	11	1000	2.15	1900	2.13	
12	0200	3.04	1500	2.64		12	1000	2.19	1900	2.16	
13	0200	3.16	1500	2.63		13	1000	2.27	2000	2.13	
14	0300	3.13	1600	2.51		14	1200	2.15	2000	2.10	
15	0300	3.07	1600	2.50		15	1200	2.16	2100	2.10	
16	0400	3.10	1700	2.40		16	1300	2.06	2100	2.00	
17	0400	2.96	1900	2.41		17	2200	2.14	1300	2.00	
18	0500	3.03	1900	2.43		18	1400	2.23	2300	2.13	
19	0500	2.95	2000	2.43	☾	19	-	-	1400	2.13	
20	0500	2.80	-	-		20	0000	2.09	1500	2.07	
21	0700	2.90	2100	2.61		21	-	-	1500	2.23	
22	0900	2.77	-	-		22	0200	2.26	1600	2.09	
23	-	-	-	-		23	-	-	-	-	
24	-	-	-	-		24	-	-	-	-	
25	-	-	-	-		25	-	-	-	-	
26	-	-	-	-	●	26	-	-	-	-	
27	-	-	-	-		27	-	-	-	-	
28	0200	3.16	1610	2.43		28	1230	2.04	2030	1.99	
29	0330	3.22	1630	2.57		29	1330	2.16	2120	2.03	
30	0350	3.23	1730	2.50		30	1330	2.13	2150	2.09	
31	0450	3.21	1800	2.45		31	1450	2.16	2240	2.11	
Monthly						Monthly					
Sum		78.84		48.75		Sum		41.78		55.1	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.270				L'est LW	=	1.990			
MHWH	=	3.032				MLLW	=	2.119			
MLHW	=	2.566				MHLW	=	2.199			
MHW	=	2.835				MLW	=	2.153			
M.S.L.	=	2.511				M.T.L.	=	2.494			
MHWS	=	2.856				MLWS	=	2.149			
MHWN	=	2.838				MLWN	=	2.159			
Mn.sp.range	=	0.707				Sp.range					
Mn.np.range	=	0.679				Np.range					
Mn.range	=	0.682									