

# TIDES : DAILY HIGH AND LOW WATERS

Month.....MAY.....Station.....PAKPANANG.....Year...2015.....

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 m	meter	
1	-	-	1110	2.62		1	0530	2.34	1740	2.10	
2	0030	2.74	1210	2.69		2	0630	2.28	1810	2.18	
3	0100	2.84	1320	2.57		3	0820	2.21	1830	2.08	
4	0110	2.78	1400	2.53	☉	4	0830	2.12	1850	2.01	
5	0130	2.84	1440	2.50		5	0930	2.15	1930	2.08	
6	0230	2.95	1530	2.46		6	1100	2.08	2000	2.01	
7	0250	2.95	1620	2.44		7	1140	2.11	2040	1.99	
8	0330	2.96	1700	2.40		8	1320	2.06	2120	1.96	
9	0410	2.96	1730	2.39		9	1320	2.08	2150	1.96	
10	0500	2.92	1840	2.38		10	1330	2.08	2230	2.06	
11	0500	2.96	1930	2.38	☾	11	1440	2.14	2330	2.10	
12	0620	2.89	2030	2.32		12	-	-	1530	2.10	
13	0730	2.87	2130	2.52		13	1530	2.12	0010	2.12	
14	0830	2.82	2210	2.68		14	0130	2.24	1550	2.15	
15	2320	2.74	0850	2.69		15	0430	2.32	1650	2.09	
16	2350	2.88	1130	2.64		16	0610	2.24	1720	2.04	
17	-	-	1300	2.58		17	0650	2.22	1810	2.06	
18	0050	2.94	1350	2.48	●	18	1030	2.22	1830	1.99	
19	0130	2.92	1450	2.40		19	1030	2.06	1910	1.88	
20	0210	2.97	1530	2.35		20	1130	2.04	1950	1.94	
21	0250	3.01	1610	2.26		21	1300	1.98	2010	1.82	
22	0400	3.00	1730	2.36		22	1340	2.01	2130	1.88	
23	0410	2.93	1750	2.22		23	1320	2.00	2150	1.86	
24	0530	2.75	1740	2.24		24	1330	1.93	2220	1.90	
25	0550	2.86	1950	2.39		25	2330	2.11	1430	2.04	
26	0530	2.63	2020	2.28	☾	26	-	-	1410	1.89	
27	0740	2.50	-	-		27	1450	1.89	0010	1.89	
28	0830	2.64	2220	2.56		28	-	-	1540	2.09	
29	2040	2.58	0810	2.46		29	0240	2.29	1530	1.97	
30	2330	2.66	-	-		30	-	-	1610	2.02	
31	2350	2.80	1240	2.46		31	0730	2.23	1730	2.03	
Monthly						Monthly					
Sum		82.29		71.25		Sum		57.55		62.29	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	3.010				L' est LW	=	1.820			
MHHW	=	2.838				MLLW	=	2.009			
MLHW	=	2.457				MHLW	=	2.131			
MHW	=	2.647				MLW	=	2.066			
M.S.L.	=	2.385				M.T.L.	=	2.357			
MHWS	=	2.674				MLWS	=	2.072			
MHWN	=	2.607				MLWN	=	2.048			
Mn.sp.range	=	0.602				Sp.range					
Mn.np.range	=	0.558				Np.range					
Mn.range	=	0.581									