





TIDES : DAILY HIGH AND LOW WATERS

Station.....PAKPANANG.....Month.....AUGUST.....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	meter	h m	meter	
1	2040	2.72	0820	2.43		1	-	-	1330	2.08	
2	2150	2.72	-	-		2	-	-	1330	2.04	
3	2230	2.69	-	-		3	-	-	1340	2.03	
4	-	-	-	-		4	-	-	1540	1.93	
5	2330	2.85	0000	2.68		5	-	-	1030	1.97	
6	1330	2.37	-	-		6	1720	2.13	1050	2.13	
7	0050	2.97	1450	2.38		7	1130	2.13	1850	2.11	
8	0150	3.01	1520	2.38		8	1230	2.17	1930	2.08	
9	0220	2.93	1550	2.42		9	1120	2.15	1950	2.06	
10	0230	2.93	1620	2.47		10	1220	2.12	2050	2.09	
11	0330	2.95	1650	2.55		11	1210	2.24	2130	2.18	
12	0340	2.93	1720	2.52		12	1220	2.15	2230	2.10	
13	0430	2.80	1730	2.68		13	2320	2.22	1220	2.19	
14	0510	2.78	1830	2.72		14	2330	2.28	1210	2.18	
15	1930	2.75	0530	2.73		15	-	-	1320	2.07	
16	1910	2.63	-	-		16	-	-	1230	1.94	
17	2110	2.88	-	-		17	-	-	1250	1.91	
18	2130	3.00	-	-		18	-	-	1230	2.22	
19	2330	3.02	-	-		19	-	-	1610	2.07	
20	2350	3.04	1340	2.40		20	1020	2.14	1730	2.08	
21	1330	2.44	-	-		21	1110	2.13	1810	2.04	
22	0120	3.05	1450	2.45		22	1030	2.20	1920	2.07	
23	0130	2.97	1530	2.48		23	1110	2.16	2010	2.05	
24	0250	2.91	1530	2.68		24	1030	2.24	2050	2.20	
25	0330	3.02	1550	2.79		25	1030	2.29	2210	2.22	
26	0410	2.91	1650	2.74		26	2250	2.23	1120	2.16	
27	0450	2.76	1710	2.70		27	2300	2.32	1130	2.14	
28	1700	2.84	0450	2.83		28	-	-	1230	2.24	
29	1830	2.79	0350	2.64		29	0050	2.38	1230	2.11	
30	1840	2.87	-	-		30	-	-	1230	2.17	
31	2000	2.90	-	-		31	-	-	1230	2.19	
Monthly						Monthly					
Sum		85.43		51.67		Sum		39.68		65.05	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.050				L'est LW	=	1.910			
MHHW	=	2.848				MLLW	=	2.098			
MLHW	=	2.584				MHLW	=	2.204			
MHW	=	2.742				MLW	=	2.137			
M.S.L.	=	2.440				M.T.L.	=	2.440			
MHWS	=	2.698				MLWS	=	2.125			
MHWN	=	2.780				MLWN	=	2.147			
Mn.sp.range	=	0.573				Sp.range					
Mn.np.range	=	0.633				Np.range					
Mn.range	=	0.605									