

# TIDES : DAILY HIGH AND LOW WATERS

Station.....PATTANI.....Month.....DECEMBER.....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	2152	3.35	1130	2.99		1	1605	2.79	0343	2.50			
2	2241	3.41	-	-		2	-	-	0453	2.67			
3	2330	3.40	1140	3.35		3	1808	2.92	0100	2.85			
4	1148	3.15	-	-		4	1512	2.85	0712	2.69			
5	0009	3.23	-	-		5	-	-	0528	2.59			
6	0145	3.17	-	-		6	-	-	0620	2.57			
7	0040	3.13	-	-	☾	7	-	-	0825	2.61			
8	0234	3.11	1615	3.00		8	2203	2.79	0747	2.53			
9	1833	3.06	0328	3.01		9	2312	2.77	0933	2.61			
10	1801	3.09	0952	3.02		10	-	-	1059	2.61			
11	1927	3.14	0600	3.07		11	0025	2.67	1218	2.57			
12	1956	2.97	0716	2.86		12	0217	2.49	1342	2.47			
13	2102	3.03	0830	2.81		13	1320	2.37	0300	2.23			
14	2150	3.21	0926	2.97	☉	14	1412	2.59	0305	2.30			
15	2245	3.25	0950	3.05		15	1608	2.59	0355	2.39			
16	2328	3.33	1055	3.11		16	1459	2.67	0531	2.35			
17	2342	3.38	1105	3.17		17	1652	2.83	0520	2.45			
18	1158	3.19	-	-		18	1915	2.78	0558	2.57			
19	0030	3.13	-	-		19	-	-	0702	2.41			
20	0030	3.19	-	-		20	-	-	0725	2.57			
21	0140	3.25	1430	3.13	☾	21	2215	2.90	0803	2.81			
22	1814	3.17	0226	3.08		22	-	-	1020	2.70			
23	1929	3.19	-	-		23	-	-	1015	2.81			
24	1949	3.07	-	-		24	-	-	1231	2.75			
25	1946	3.01	0658	2.88		25	1257	2.63	0129	2.63			
26	1943	3.09	-	-		26	-	-	0153	2.55			
27	2102	3.17	-	-		27	-	-	0225	2.61			
28	2141	3.33	-	-		28	-	-	0228	2.79			
29	2138	3.13	0901	3.13	●	29	1449	2.77	0410	2.71			
30	2239	3.35	1000	3.05		30	1439	2.83	0352	2.49			
31	2242	3.30	1010	3.23		31	1639	2.97	0410	2.73			
Monthly						Monthly							
Sum		98.98		54.91		Sum		49.21		80.12			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	3.410				L'est LW	=	2.230					
MHHW	=	3.193				MLLW	=	2.585					
MLHW	=	3.051				MHLW	=	2.734					
MHW	=	3.141				MLW	=	2.639					
M.S.L.	=	2.896				M.T.L.	=	2.890					
MHWS	=	3.152				MLWS	=	2.424					
MHWN	=	3.124				MLWN	=	2.473					
Mn.sp.range	=	0.728				Sp.range							
Mn.np.range	=	0.652				Np.range							
Mn.range	=	0.501											