

# TIDES : DAILY HIGH AND LOW WATERS

Station.....PATTANI.....Month.....NOVEMBER.....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	1840	3.02	-	-		1	-	-	1325	2.62	
2	-	-	-	-		2	-	-	1113	2.69	
3	2113	3.47	0825	3.31		3	-	-	1516	2.95	
4	0840	3.25	2140	3.03	☉	4	0357	2.79	1520	2.61	
5	2155	3.41	0935	3.29		5	1508	2.69	0400	2.57	
6	2330	3.37	1012	3.36		6	1539	2.79	0440	2.68	
7	2353	3.31	1112	3.23		7	1650	2.69	0428	2.53	
8	1204	3.17	-	-		8	1742	2.83	0550	2.47	
9	0033	3.31	-	-		9	-	-	0610	2.51	
10	0112	3.21	-	-		10	-	-	0759	2.56	
11	0203	3.21	-	-	☾	11	-	-	0828	2.61	
12	0403	3.13	1712	3.05		12	-	-	0936	2.57	
13	1753	3.05	-	-		13	-	-	1049	2.51	
14	1901	3.14	0534	3.07		14	0045	2.76	1302	2.59	
15	1911	3.09	0611	3.03		15	0132	2.67	1336	2.57	
16	2035	3.15	0720	3.07		16	1308	2.67	0230	2.57	
17	2101	3.13	0818	3.05		17	1440	2.59	0256	2.53	
18	2152	3.03	0845	2.95	●	18	1224	2.51	0411	2.43	
19	2228	3.09	0925	2.97		19	1509	2.63	0407	2.39	
20	2309	3.03	0950	2.95		20	1442	2.55	0510	2.37	
21	2240	3.15	-	-		21	-	-	0440	2.44	
22	2346	3.10	-	-		22	-	-	0807	2.55	
23	2328	3.19	-	-		23	-	-	0550	2.52	
24	-	-	-	-		24	-	-	0435	2.81	
25	0040	3.28	-	-		25	-	-	0603	2.85	
26	0159	3.25	-	-		26	-	-	0832	2.86	
27	0012	3.27	-	-	☽	27	-	-	0822	2.91	
28	1741	3.31	0409	3.31		28	-	-	1105	2.93	
29	1950	3.33	-	-		29	-	-	1152	2.85	
30	1731	3.37	-	-		30	-	-	1129	2.89	
31						31					
Monthly						Monthly					
Sum		89.82		43.67		Sum		32.17		78.94	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	3.470				L'est LW	=	2.370			
MHHW	=	3.208				MLLW	=	2.631			
MLHW	=	3.119				MHLW	=	2.681			
MHW	=	3.178				MLW	=	2.645			
M.S.L.	=	2.926				M.T.L.	=	2.912			
MHWS	=	3.168				MLWS	=	2.605			
MHWN	=	3.212				MLWN	=	2.725			
Mn.sp.range	=	0.563				Sp.range					
Mn.np.range	=	0.487				Np.range					
Mn.range	=	0.533									