

TIDES : DAILY HIGH AND LOW WATERS

Station.....NARATHIWAT.....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	2035	3.62	-	-		1	-	-	1225	2.61			
2	2130	3.62	-	-		2	-	-	0425	2.92			
3	2150	3.62	-	-		3	-	-	1500	2.91			
4	2300	3.52	-	-		4	-	-	1610	2.80			
5	-	-	-	-		5	-	-	1505	2.79			
6	0000	3.53	-	-		6	-	-	0815	2.84			
7	0015	3.44	-	-	☾	7	-	-	0930	2.81			
8	0015	3.37	-	-		8	-	-	1035	2.67			
9	0120	3.26	-	-		9	-	-	0940	2.72			
10	1750	3.21	0240	3.20		10	-	-	1045	2.69			
11	1920	3.28	-	-		11	-	-	1135	2.44			
12	1900	3.27	-	-		12	-	-	1155	2.38			
13	1945	3.37	0600	2.73		13	0240	2.49	1235	2.27			
14	2025	3.60	0820	2.84	○	14	0310	2.58	1250	2.43			
15	2125	3.61	0740	2.82		15	0455	2.62	1400	2.41			
16	2210	3.63	0815	2.95		16	0410	2.65	1425	2.46			
17	2220	3.63	0850	2.92		17	1550	2.66	0605	2.62			
18	2310	3.42	1155	3.02		18	0715	2.76	1635	2.67			
19	-	-	-	-		19	-	-	1655	2.60			
20	0000	3.44	-	-		20	-	-	0615	2.78			
21	0000	3.50	2235	3.31	☾	21	-	-	0920	2.90			
22	-	-	-	-		22	-	-	1030	2.81			
23	2000	3.33	0035	3.29		23	-	-	1020	2.91			
24	1830	3.28	-	-		24	-	-	1110	2.86			
25	1845	3.25	-	-		25	-	-	1110	2.68			
26	1900	3.34	-	-		26	-	-	1115	2.72			
27	1930	3.42	-	-		27	-	-	1225	2.73			
28	2010	3.59	-	-		28	-	-	1230	2.92			
29	2045	3.43	-	-	●	29	-	-	1355	2.65			
30	2155	3.60	-	-		30	-	-	1435	2.62			
31	2150	3.59	-	-		31	-	-	1445	2.83			
Monthly						Monthly							
Sum		96.77		27.08		Sum		15.76		83.45			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	3.630				L'est LW	=	2.270					
MHHW	=	3.456				MLLW	=	2.692					
MLHW	=	3.009				MHLW	=	2.627					
MHW	=	3.347				MLW	=	2.681					
M.S.L.	=	3.009				M.T.L.	=	3.014					
MHWS	=	3.313				MLWS	=	2.379					
MHWN	=	3.386				MLWN	=	2.493					
Mn.sp.range	=	0.934				Sp.range							
Mn.np.range	=	0.892				Np.range							
Mn.range	=	0.666											