

# TIDES : DAILY HIGH AND LOW WATERS

Station.....TAMMALUNG.....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	
1	0030	3.80	1230	3.44		1	1910	1.36	0640	1.24	
2	0100	3.77	1300	3.40		2	1910	1.53	0700	1.24	
3	0130	3.72	1340	3.32		3	1930	1.52	0740	1.36	
4	0140	3.62	1400	3.24		4	2010	1.60	0820	1.36	
5	0210	3.57	1500	3.09		5	2110	1.74	0900	1.44	
6	0230	3.36	1520	2.88		6	2150	1.92	0930	1.55	
7	0335	3.18	1600	2.84	☾	7	2300	2.16	1040	1.71	
8	1830	2.98	0500	2.90		8	-	-	1230	1.80	
9	2020	3.31	0655	2.97		9	0130	2.14	1320	1.80	
10	2100	3.58	0730	3.15		10	0310	2.05	1430	1.81	
11	2140	3.82	0930	3.37		11	0400	1.82	1540	1.54	
12	2250	3.99	1010	3.52		12	0430	1.50	1630	1.40	
13	2340	4.02	1100	3.58		13	1720	1.24	0530	1.22	
14	1140	3.58	-	-	☉	14	1800	1.19	0620	1.01	
15	0020	4.02	1230	3.56		15	1900	1.19	0700	0.95	
16	0100	3.97	1300	3.48		16	1930	1.23	0740	0.96	
17	0140	3.89	1350	3.41		17	1950	1.31	0820	0.97	
18	0210	3.70	1410	3.22		18	2030	1.53	0850	1.25	
19	0230	3.53	1510	3.10		19	2040	1.80	0910	1.27	
20	0300	3.33	1540	3.00		20	2100	2.07	0930	1.58	
21	0330	3.01	1625	2.86	☾	21	2315	2.18	1020	1.75	
22	1750	2.92	0515	2.85		22	-	-	1110	1.98	
23	1930	3.04	0615	2.78		23	0020	2.29	1300	1.96	
24	2100	3.19	0800	2.73		24	0350	2.10	1330	1.89	
25	2120	3.21	0900	2.86		25	0340	1.91	1510	1.80	
26	2220	3.43	1030	2.99		26	0420	1.65	1550	1.52	
27	2250	3.51	1030	3.09		27	1630	1.44	0500	1.43	
28	2310	3.59	1100	3.18		28	1700	1.36	0530	1.24	
29	2350	3.64	1130	3.18	●	29	1730	1.22	0600	1.12	
30	1200	3.27	-	-		30	1830	1.24	0620	1.08	
31	0030	3.74	1250	3.29		31	1900	1.27	0715	1.04	
Monthly						Monthly					
Sum		109.29		91.28		Sum		47.56		44.27	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.020				L'est LW	=	0.950			
MHHW	=	3.525				MLLW	=	1.428			
MLHW	=	3.148				MHLW	=	1.640			
MHW	=	3.343				MLW	=	1.531			
M.S.L.	=	2.411				M.T.L.	=	2.437			
MHWS	=	3.579				MLWS	=	1.092			
MHWN	=	3.013				MLWN	=	1.793			
Mn.sp.range	=	2.487				Sp.range					
Mn.np.range	=	1.220				Np.range					
Mn.range	=	1.812									