

# TIDES : DAILY HIGH AND LOW WATERS

Station.....**RANONG**.....Month.....**SEPTEMBER**.....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	1055	4.44	2315	4.34	●	1	0435	0.94	1705	0.80			
2	1130	4.64	2347	4.35		2	0514	0.89	1728	0.77			
3	1149	4.46	-	-		3	0539	0.86	1808	0.78			
4	0005	4.36	1221	4.29		4	0620	0.86	1825	0.76			
5	0031	4.23	1243	4.17		5	0635	0.86	1846	0.81			
6	1307	4.07	0118	4.04		6	0657	1.06	1904	1.05			
7	0126	4.09	1342	3.88		7	1936	1.33	0725	1.31			
8	0208	3.80	1359	3.52		8	1950	1.56	0743	1.53			
9	1450	4.28	0240	3.57	☾	9	2037	1.90	0802	1.85			
10	0324	3.27	1605	3.04		10	2200	2.20	0932	2.13			
11	0509	3.13	1852	2.96		11	-	-	1210	2.19			
12	1953	3.43	0659	3.30		12	0054	2.13	1352	1.97			
13	0825	3.68	2035	3.64		13	0150	1.78	1430	1.60			
14	0915	4.04	2132	3.99		14	0245	1.46	1514	1.19			
15	0955	4.32	2216	4.29		15	0327	1.09	1549	0.85			
16	1036	4.57	2245	4.56		16	0358	0.83	1637	0.65			
17	2326	4.67	1110	4.67	○	17	0500	0.68	1724	0.46			
18	1142	4.72	-	-		18	0545	0.51	1802	0.42			
19	0013	4.72	1225	4.67		19	0620	0.54	1831	0.53			
20	0035	4.65	1258	4.53		20	1917	0.78	0659	0.68			
21	0120	4.50	1338	4.18		21	1940	0.97	0734	0.90			
22	0210	4.13	1425	3.81		22	2004	1.33	0757	1.16			
23	0250	3.81	1509	3.47	☾	23	2033	1.85	0837	1.58			
24	0413	3.51	1655	3.16		24	2246	2.18	0939	1.97			
25	0546	3.36	1825	3.21		25	-	-	1250	1.98			
26	0708	3.49	2005	3.43		26	0129	2.01	1404	1.68			
27	2105	3.77	0835	3.72		27	0230	1.70	1443	1.38			
28	0920	3.96	2134	3.94		28	0303	1.36	1519	1.05			
29	2212	4.14	1003	4.14		29	0331	1.12	1550	0.89			
30	2250	4.24	1034	4.21		30	0402	0.95	1634	0.80			
31						31							
Monthly						Monthly							
Sum		122.48		109.08		Sum		35.73		35.72			
Mean						Mean							
mean MSL						mean MSL							
H'est HW	=	4.720				L'est LW	=	0.420					
MHHW	=	4.083				MLLW	=	1.191					
MLHW	=	3.896				MHLW	=	1.276					
MHW	=	3.992				MLW	=	1.232					
M.S.L.	=	2.636				M.T.L.	=	2.612					
MHWS	=	4.390				MLWS	=	0.724					
MHWN	=	3.502				MLWN	=	1.815					
Mn.sp.range	=	3.666				Sp.range							
Mn.np.range	=	1.687				Np.range							
Mn.range	=	2.761											