

# TIDES : DAILY HIGH AND LOW WATERS

Station.....**RANONG**.....Month.....**AUGUST**.....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	0455	3.20	1727	3.01		1	1048	2.00	2335	1.99	
2	0624	3.20	1900	3.01		2	-	-	1330	2.05	
3	0744	3.38	2011	3.18		3	0108	1.90	1415	1.80	
4	0840	3.58	2044	3.44		4	0200	1.73	1500	1.54	
5	0932	3.80	2144	3.53		5	0300	1.50	1540	1.16	
6	1025	3.94	2232	3.77		6	0335	1.10	1614	0.95	
7	1045	4.15	2301	3.89		7	0418	0.89	1645	0.75	
8	1122	4.21	2317	3.96	☉	8	0454	0.76	1714	0.59	
9	1159	4.29	-	-		9	0530	0.67	1750	0.56	
10	1225	4.32	0000	4.07		10	0556	0.70	1822	0.55	
11	1300	4.22	0047	4.10		11	0635	0.72	1858	0.56	
12	1329	4.14	0118	4.03		12	0710	0.78	1919	0.72	
13	1410	3.95	0159	3.94		13	0740	0.96	1954	0.88	
14	0229	3.81	1423	3.74		14	0816	1.25	2035	1.20	
15	0322	3.72	-	-	☾	15	-	-	-	-	
16	1628	3.36	-	-		16	2315	1.85	1019	1.82	
17	0616	3.53	1837	3.34		17	-	-	1209	1.85	
18	0748	3.73	2017	3.56		18	0100	1.76	1400	1.53	
19	0851	3.95	2126	3.77		19	0206	1.43	1504	1.04	
20	0952	4.18	2209	4.06		20	0317	1.01	1547	0.72	
21	1034	4.38	2251	4.23		21	0404	0.82	1640	0.60	
22	1120	4.48	2340	4.21	●	22	0455	0.62	1726	0.46	
23	1153	4.44	-	-		23	0547	0.57	1750	0.46	
24	1225	4.42	0015	4.29		24	0605	0.60	1831	0.52	
25	1300	4.28	0059	4.21		25	0633	0.73	1854	0.65	
26	0109	4.14	1335	4.05		26	0701	0.93	1924	0.88	
27	0128	3.94	1411	3.76		27	0720	1.17	1947	1.15	
28	0236	3.70	1432	3.45		28	2011	1.35	0805	1.34	
29	0252	3.38	1506	3.08	☽	29	2044	1.65	0824	1.57	
30	0400	3.06	1625	2.87		30	2151	1.99	0910	1.89	
31	0526	2.96	1819	2.76		31	-	-	1127	2.12	
Monthly						Monthly					
Sum		119.84		99.31		Sum		31.44		33.9	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.480				L'est LW	=	0.460			
MHWW	=	3.866				MLLW	=	1.130			
MLHW	=	3.678				MHLW	=	1.164			
MHW	=	3.778				MLW	=	1.146			
M.S.L.	=	2.492				M.T.L.	=	2.462			
MHWS	=	4.239				MLWS	=	0.633			
MHWN	=	3.340				MLWN	=	1.657			
Mn.sp.range	=	3.606				Sp.range					
Mn.np.range	=	1.683				Np.range					
Mn.range	=	2.632									