

TIDES : DAILY HIGH AND LOW WATERS

Month.....JULY.....Station.....RANONG.....Year...2015.....

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	1022	4.11	2236	3.87		1	0356	0.88	1638	0.76	
2	1050	4.26	2328	3.95	☉	2	0440	0.72	1706	0.58	
3	1149	4.36	-	-		3	0521	0.61	1801	0.54	
4	1222	4.42	0009	4.05		4	0615	0.57	1837	0.49	
5	1255	4.37	0040	4.07		5	0651	0.72	1916	0.61	
6	1358	4.26	0135	4.06		6	0722	0.93	2000	0.74	
7	1435	4.14	0220	3.92		7	0814	1.14	2049	0.99	
8	1521	3.85	0308	3.83		8	0920	1.35	2119	1.20	
9	0405	3.68	1620	3.56	☾	9	0949	1.53	2210	1.40	
10	0524	3.57	1731	3.35		10	1040	1.70	2351	1.55	
11	0657	3.53	1903	3.20		11	-	-	1229	1.62	
12	0758	3.65	2030	3.37		12	0049	1.49	1400	1.43	
13	0850	3.80	2131	3.52		13	0200	1.31	1507	1.19	
14	0935	4.01	2201	3.72		14	0305	1.22	1555	1.01	
15	1021	4.17	2241	3.92		15	0357	1.05	1637	0.99	
16	-	-	-	-	●	16	-	-	0440	0.95	
17	1149	4.31	2352	4.00		17	-	-	1233	0.78	
18	1213	4.28	-	-		18	0550	0.93	1811	0.79	
19	1252	4.19	0034	3.99		19	0909	1.00	1843	0.83	
20	1321	4.11	0100	3.89		20	0650	1.05	1916	0.95	
21	1327	3.90	0140	3.85		21	0714	1.27	1932	1.00	
22	1406	3.67	0211	3.61		22	0744	1.25	1954	1.08	
23	1455	3.45	0241	3.45		23	0813	1.39	2040	1.36	
24	0331	3.31	1534	3.18	☾	24	0849	1.65	2129	1.48	
25	0425	3.18	1652	3.00		25	1008	1.83	2240	1.69	
26	0546	3.13	1749	3.01		26	-	-	1149	1.90	
27	0650	3.33	1940	3.21		27	0043	1.77	1349	1.76	
28	0830	3.55	2040	3.41		28	0131	1.54	1428	1.40	
29	0912	3.97	2131	3.75		29	0237	1.26	1513	1.17	
30	1001	4.23	2220	4.01		30	0331	1.05	1611	0.83	
31	1049	4.37	2313	4.07	☉	31	0422	0.76	1652	0.52	
Monthly						Monthly					
Sum		117.163		102.82		Sum		31.97		33.59	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	4.420				L' est LW	=	0.490			
MHHW	=	3.905				MLLW	=	1.084			
MLHW	=	3.672				MHLW	=	1.184			
MHW	=	3.793				MLW	=	1.130			
M.S.L.	=	2.477				M.T.L.	=	2.462			
MHWS	=	3.319				MLWS	=	0.627			
MHWN	=	3.393				MLWN	=	1.546			
Mn.sp.range	=	2.692				Sp.range					
Mn.np.range	=	1.846				Np.range					
Mn.range	=	2.662									