

# TIDES : DAILY HIGH AND LOW WATERS

Station.....RANONG.....Month.....OCTOBER.....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 m	meter	
1	2320	4.28	1100	4.25	●	1	0447	0.80	1700	0.74	
2	2350	4.34	1129	4.31		2	0512	0.77	1737	0.73	
3	1153	4.26	-	-		3	1751	0.80	0545	0.80	
4	0411	4.35	1221	4.15		4	1819	0.89	0611	0.86	
5	0037	4.22	1244	3.93		5	1838	0.95	0630	0.93	
6	0116	4.04	1315	3.74		6	1855	1.16	0658	1.07	
7	0130	3.78	1401	3.51		7	1919	1.44	0705	1.25	
8	0202	3.56	1429	3.30		8	1949	1.73	0749	1.58	
9	0310	3.32	1555	3.01	☾	9	2117	1.99	0810	1.89	
10	0433	3.12	1706	2.88		10	-	-	1033	1.99	
11	1906	3.13	0609	3.09		11	0023	2.08	1242	1.84	
12	2023	3.54	0743	3.44		12	0125	1.77	1350	1.23	
13	2114	3.87	0844	3.75		13	0212	1.29	1436	0.96	
14	2156	4.22	0921	4.09		14	0305	0.90	1523	0.71	
15	2229	4.49	1004	4.33		15	0346	0.60	1606	0.41	
16	2305	4.63	1041	4.47	○	16	0438	0.37	1654	0.31	
17	2343	4.64	1123	4.47		17	1740	0.28	0529	0.23	
18	1205	4.38	-	-		18	1813	0.48	0603	0.32	
19	0023	4.67	1240	4.34		19	1850	0.78	0638	0.57	
20	0106	4.49	1330	4.12		20	1915	1.08	0715	0.84	
21	0151	4.18	1403	3.78		21	1945	1.49	0749	1.13	
22	0246	3.92	1520	3.41		22	2030	1.84	0800	1.57	
23	0348	3.43	1614	3.23	☾	23	2225	2.22	0938	1.93	
24	0530	3.34	1815	3.23		24	-	-	1200	2.07	
25	1935	3.44	0639	3.41		25	0047	2.16	1336	1.79	
26	2041	3.72	0803	3.59		26	0144	1.80	1410	1.51	
27	2119	3.93	0900	3.77		27	0223	1.47	1449	1.20	
28	2157	4.09	0931	3.90		28	0311	1.17	1522	1.00	
29	2229	4.21	1001	3.99		29	0344	0.95	1603	0.90	
30	2254	4.30	1041	4.05		30	0413	0.77	1628	0.74	
31	2323	4.31	1104	4.09	●	31	1704	0.74	0453	0.73	
Monthly						Monthly					
Sum		124.2		109.63		Sum		34.77		33.83	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.670				L'est LW	=	0.230			
MHHW	=	4.006				MLLW	=	1.091			
MLHW	=	3.780				MHLW	=	1.199			
MHW	=	3.897				MLW	=	1.143			
M.S.L.	=	2.547				M.T.L.	=	2.520			
MHWS	=	4.336				MLWS	=	0.619			
MHWN	=	3.301				MLWN	=	1.906			
Mn.sp.range	=	3.718				Sp.range					
Mn.np.range	=	1.396				Np.range					
Mn.range	=	2.754									