

TIDES : DAILY HIGH AND LOW WATERS

Station.....**RANONG**.....Month.....**APRIL**.....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	1640	3.05	0343	2.83		1	2328	1.88	0925	1.81	
2	1828	3.10	0549	2.79		2	-	-	1201	1.92	
3	1952	3.43	0731	3.06		3	1341	1.61	0114	1.61	
4	2059	3.76	0845	3.47		4	1440	1.22	0225	1.21	
5	2150	4.07	0923	3.89		5	1524	0.81	0318	0.80	
6	2229	4.29	1011	4.19		6	0353	0.42	1617	0.41	
7	2309	4.42	1052	4.40	●	7	1710	0.16	0442	0.16	
8	1135	4.52	2352	4.42		8	1752	0.10	0522	0.02	
9	1211	4.54	-	-		9	1826	0.13	0626	0.06	
10	1249	4.38	2422	4.29		10	1908	0.33	0640	0.19	
11	1330	4.16	0106	4.01		11	1940	0.58	0714	0.47	
12	1408	3.81	0151	3.74		12	2007	0.96	0746	0.81	
13	1454	3.47	0234	3.41		13	2056	1.32	0810	1.19	
14	1607	3.13	0003	3.00	☾	14	2151	1.66	0849	1.57	
15	1725	3.00	0450	2.79		15	-	-	1010	1.87	
16	1922	3.10	0640	2.83		16	1245	1.87	2433	1.76	
17	2027	3.30	0805	3.11		17	1410	1.57	0130	1.53	
18	2118	3.52	0854	3.39		18	1450	1.33	0241	1.21	
19	0940	3.67	2150	3.66		19	1534	1.05	0316	1.01	
20	1011	3.82	2229	3.58		20	1605	0.85	0335	0.83	
21	1032	4.00	2254	3.90		21	1635	0.73	0426	0.64	
22	1113	4.08	2317	3.97	○	22	1706	0.62	0450	0.55	
23	1135	4.13	2300	3.97		23	1736	0.63	0522	0.56	
24	1206	4.15	-	-		24	1807	0.62	0543	0.56	
25	1240	4.09	2415	3.86		25	1829	0.67	0609	0.62	
26	1307	3.96	2445	3.71		26	1903	0.83	0639	0.76	
27	1332	3.80	0117	3.59		27	1930	1.00	0708	0.94	
28	1412	3.65	0150	3.43		28	2008	1.25	0731	1.15	
29	1500	3.43	0234	3.17		29	2053	1.48	0811	1.47	
30	1604	3.26	0323	3.03	☾	30	0920	1.73	2224	1.60	
31						31					
Monthly						Monthly					
Sum		113.09		99.49		Sum		27.41		29.29	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.540				L'est LW	=	0.020			
MHHW	=	3.770				MLLW	=	0.976			
MLHW	=	3.553				MHLW	=	0.979			
MHW	=	3.665				MLW	=	0.978			
M.S.L.	=	2.340				M.T.L.	=	2.321			
MHWS	=	4.213				MLWS	=	0.398			
MHWN	=	2.351				MLWN	=	1.168			
Mn.sp.range	=	3.815				Sp.range					
Mn.np.range	=	1.183				Np.range					
Mn.range	=	2.688									