

TIDES : DAILY HIGH AND LOW WATERS

Station.....RANONG.....Month.....NOVEMBER.....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	2110	3.89	0847	3.66		1	0231	1.21	1442	0.96	
2	2156	4.20	0932	3.95		2	0310	0.92	1534	0.69	
3	2225	4.40	1000	4.13		3	0359	0.65	1605	0.48	
4	2307	4.50	1045	4.25	☉	4	0435	0.41	1655	0.33	
5	2340	4.52	1119	4.29		5	0518	0.27	1738	0.25	
6	1200	4.25	-	-		6	1803	0.43	0600	0.28	
7	0016	4.48	1235	4.13		7	1841	0.70	0641	0.46	
8	0059	4.33	1326	3.92		8	1916	1.05	0712	0.73	
9	0143	4.09	1410	3.64		9	1946	1.41	0753	1.05	
10	0235	3.80	1515	3.34		10	2021	1.76	0833	1.41	
11	0339	3.46	1622	3.18	☾	11	2223	2.00	0948	1.71	
12	0512	3.29	1818	3.20		12	-	-	1200	1.72	
13	1933	3.42	0651	3.30		13	0045	1.87	1309	1.42	
14	2026	3.72	0755	3.49		14	0144	1.51	1407	1.17	
15	2119	3.93	0855	3.64		15	0234	1.21	1456	0.97	
16	2154	4.06	0932	3.81		16	0321	0.97	1539	0.87	
17	2225	4.17	1008	3.93		17	0400	0.82	1612	0.78	
18	2257	4.25	1039	3.73	●	18	1642	0.77	0432	0.70	
19	2323	4.29	1111	3.99		19	1709	0.77	0508	0.69	
20	2350	4.22	1136	3.92		20	1735	0.84	0538	0.70	
21	1216	3.92	-	-		21	1802	0.99	0559	0.74	
22	0024	4.20	1239	3.86		22	1829	1.17	0618	0.94	
23	0055	4.09	1305	3.72		23	1858	1.32	0701	1.08	
24	0129	3.89	1339	3.52		24	1917	1.52	0727	1.27	
25	0201	3.68	1420	3.35		25	1959	1.73	0751	1.48	
26	0252	3.43	1520	3.11		26	2108	1.96	0836	1.65	
27	0345	3.19	1700	3.04	☽	27	2250	2.04	1006	1.80	
28	1829	3.24	0523	3.17		28	-	-	1140	1.67	
29	1931	3.54	0646	3.29		29	0034	1.83	1324	1.46	
30	2030	3.80	0743	3.48		30	0147	1.45	1406	1.13	
31						31					
Monthly						Monthly					
Sum		118.25		102.04		Sum		33.58		30.59	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.520				L'est LW	=	0.250			
MHHW	=	3.942				MLLW	=	1.020			
MLHW	=	3.644				MHLW	=	1.199			
MHW	=	3.798				MLW	=	1.106			
M.S.L.	=	2.470				M.T.L.	=	2.452			
MHWS	=	4.189				MLWS	=	0.573			
MHWN	=	3.313				MLWN	=	1.736			
Mn.sp.range	=	3.616				Sp.range					
Mn.np.range	=	1.577				Np.range					
Mn.range	=	2.692									