

TIDES : DAILY HIGH AND LOW WATERS

Station.....RANONG.....Month.....OCTOBER.....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	2023	3.38	-	-		1	-	-	1406	1.69	
2	2101	3.67	0833	3.67		2	0220	1.64	1429	1.28	
3	2150	3.99	0924	3.90		3	0259	1.21	1513	0.99	
4	2220	4.23	0959	4.18		4	0338	0.95	1556	0.72	
5	2255	4.39	1029	4.31		5	0417	0.67	1643	0.53	
6	2324	4.60	1113	4.46	☉	6	1716	0.66	0500	0.51	
7	1142	4.54	-	-		7	0543	0.50	1753	0.45	
8	0002	4.64	1216	4.44		8	1832	0.55	0621	0.46	
9	0037	4.55	1258	4.28		9	1901	0.78	0655	0.56	
10	0112	4.32	1333	4.00		10	1932	1.02	0722	0.84	
11	0159	4.11	1421	3.69		11	1955	1.38	0806	1.21	
12	0258	3.73	1514	3.28	☾	12	2035	1.75	0827	1.47	
13	0403	3.37	1649	3.10		13	2311	2.05	0924	1.82	
14	0518	3.30	1847	3.19		14	-	-	1230	1.74	
15	2018	3.48	0739	3.47		15	0117	1.81	1330	1.36	
16	2100	3.85	0832	3.75		16	0205	1.40	1441	1.11	
17	2147	4.10	0921	4.00		17	0254	1.12	1517	0.88	
18	2226	4.26	1000	4.16		18	0332	0.88	0557	0.70	
19	2252	4.41	1038	4.29		19	0422	0.77	1643	0.69	
20	2322	4.45	1104	4.31	●	20	1700	0.68	0457	0.67	
21	2353	4.48	1130	4.34		21	1742	0.77	0526	0.67	
22	1201	4.21	-	-		22	1800	0.94	0555	0.82	
23	0020	4.37	1237	4.08		23	1823	1.03	0616	0.92	
24	0047	4.14	1258	3.79		24	1838	1.09	0640	0.97	
25	0119	3.87	1332	3.57		25	1859	1.28	0657	1.10	
26	0153	3.67	1359	3.39		26	1921	1.60	0700	1.41	
27	0234	3.42	1441	3.06		27	2010	1.86	0807	1.66	
28	0333	3.13	1611	2.85	☽	28	2112	2.15	0915	1.90	
29	0500	3.00	1811	2.96		29	-	-	1101	2.02	
30	1930	3.20	0641	3.14		30	0111	2.06	1310	1.66	
31	2031	3.59	0757	3.44		31	0140	1.70	1401	1.32	
Monthly						Monthly					
Sum		122.45		105.1		Sum		34.3		34.13	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.640				L'est LW	=	0.450			
MHWH	=	3.950				MLLW	=	1.101			
MLHW	=	3.754				MHLW	=	1.225			
MHW	=	3.857				MLW	=	1.160			
M.S.L.	=	2.536				M.T.L.	=	2.508			
MHWS	=	4.419				MLWS	=	0.646			
MHWN	=	3.283				MLWN	=	1.766			
Mn.sp.range	=	3.773				Sp.range					
Mn.np.range	=	1.517				Np.range					
Mn.range	=	2.697									