

# TIDES : DAILY HIGH AND LOW WATERS

Month.....JULY.....Station.....KANTANG.....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	1030	3.76	2240	3.45		1	0410	1.47	1640	1.36	
2	1110	3.86	2330	3.52	☉	2	0440	1.34	1715	1.20	
3	1150	4.00	-	-		3	0530	1.34	1820	1.22	
4	1225	4.02	0010	3.61		4	0605	1.32	1830	1.18	
5	1310	4.00	0100	3.62		5	0640	1.41	1915	1.30	
6	1345	3.90	0140	3.62		6	0735	1.56	1950	1.39	
7	1430	3.80	0230	3.64		7	0805	1.79	2045	1.64	
8	1525	3.64	0315	3.54		8	0900	1.95	2120	1.76	
9	0415	3.52	1605	3.42	☾	9	0950	2.08	2255	1.92	
10	0515	3.40	1735	3.14		10	-	-	1110	2.09	
11	0645	3.33	1915	3.06		11	1240	2.04	0010	1.89	
12	0800	3.41	2010	3.16		12	1355	1.88	0100	1.88	
13	0935	3.58	2150	3.28		13	0225	1.82	1610	1.79	
14	0955	3.69	2200	3.40		14	0245	1.80	1545	1.56	
15	1040	3.80	2300	3.47		15	0445	1.68	1655	1.50	
16	1115	3.86	2330	3.49	●	16	0435	1.56	1715	1.40	
17	1150	3.93	2355	3.61		17	0530	1.53	1740	1.38	
18	1215	3.98	-	-		18	0550	1.56	1800	1.44	
19	1245	3.90	0035	3.63		19	0615	1.70	1840	1.38	
20	1320	3.73	0105	3.52		20	0655	1.56	1905	1.36	
21	1355	3.60	0135	3.42		21	0725	1.75	1940	1.52	
22	1415	3.42	0210	3.36		22	0805	1.78	2010	1.63	
23	1440	3.28	0250	3.24		23	0825	1.88	2040	1.78	
24	0335	3.12	1540	3.09	☾	24	0905	2.07	2210	1.90	
25	0425	3.08	1620	2.94		25	1000	2.16	2245	2.01	
26	0515	3.08	1845	2.90		26	-	-	1215	2.22	
27	0710	3.20	2015	3.00		27	0045	2.11	1350	2.09	
28	0825	3.40	2110	3.24		28	0155	1.98	1440	1.90	
29	0935	3.64	2155	3.38		29	0250	1.80	1545	1.62	
30	1015	3.80	2250	3.52		30	0350	1.58	1625	1.40	
31	1050	3.96	2320	3.62	☉	31	0440	1.40	1700	1.15	
Monthly						Monthly					
Sum		112.69		97.89		Sum		49.9		49.86	
Mean						Mean					
mean MSL						mean MSL					
H' est HW	=	4.020				L' est LW	=	1.150			
MHHW	=	3.635				MLLW	=	1.608			
MLHW	=	3.376				MHLW	=	1.721			
MHW	=	3.510				MLW	=	1.663			
M.S.L.	=	2.594				M.T.L.	=	2.586			
MHWS	=	3.057				MLWS	=	1.167			
MHWN	=	3.236				MLWN	=	1.982			
Mn.sp.range	=	1.890				Sp.range					
Mn.np.range	=	1.254				Np.range					
Mn.range	=	1.847									