

MRN/HMR/KD/275

**S.M.P. KOLKATA**  
**एस०एम०पी, कोलकाता**  
**KOLKATA AUG - 2023**

H.M.( R )'S OFFICE

DATED : 29.06.23

**ESTIMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF AUGUST'2023 FOR KOLKATA (Lighted channel draft)**

INWARD Date	12kts&Ovr	10.5kts&Ovr	Over 9kts	Over7.5kts	Embk time	N O T E S
1st	8.4	8.2	8.0	X	311700	
2nd	8.5	8.3	8.1	X	011800	1. Vessels report their ETA to Pilot station at least 24 hrs. in advance SSB 4147.4 and 8295.4 KHz.
3rd	8.5	8.3	8.1	X	021845	
4th	8.5	8.3	8.1	X	031930	
5th	8.5	8.3	8.1	X	042015	2. Pilot embarkation time at Middleton Channel contact pilot station on Channel 16/68.
6th	8.1	7.9	7.7	7.5	052045	
7th	7.7	7.5	7.3	7.1	062130	
8th	7.3	7.1	6.9	6.7	072200	3. Vessels should anchor southward of Eastern Channel Light Vessel (21°04'N,88°11'12.5E) on arrival sandheads.
9th	6.6	6.4	6.2	6.0	081015	
*10th	6.8	6.6	6.4	6.2	091115	
11th	6.8	6.6	6.4	6.2	101230	4. VTMS assistance is available above 21°25' on VHF channel 16/68 from control station Haldia (22°02'N 88°06'E).
12th	7.0	6.8	6.6	6.4	111430	
13th	7.3	7.1	6.9	6.7	121600	
14th	7.6	7.4	7.2	7.0	131645	5. Outward deep drafts apply to vessels brought to BB anchorages on the previous day tide.
15th	7.8	7.6	7.4	7.2	141730	
16th	8.0	7.8	7.6	7.4	151800	
17th	8.1	7.9	7.7	7.5	161830	6. One light drafted fast ship can avail of dockhead sailing on certain dates. Please refer Notice Oct'99.
18th	8.1	7.9	7.7	7.5	171900	
19th	8.1	7.9	7.7	7.5	181915	
20th	8.0	7.8	7.6	7.4	191945	7. Drafts are subject to adjustment.
21st	7.8	7.6	7.4	7.2	202000	
22nd	7.6	7.4	7.2	7.0	212030	8. Master to chek with Sagar VTS for any changes in the approach channel / way points to the Pilot Boarding Ground (PBG) before entering the channel.
23rd	7.4	7.2	7.0	6.8	222100	
24th	7.1	6.9	6.7	6.5	232130	
25th	6.6	6.4	6.2	6.0	242215	
*26th	6.8	6.6	6.4	6.2	251045	9. E.Gut -3.5mtrs. , Moyapur - 4.0 mtrs. & Phalta - 2.9mtrs.
27th	7.1	6.9	6.7	6.5	261230	
28th	7.5	7.3	7.1	6.9	271445	10. IF ANY PROJECTED PARAMETERS ARE CHANGED, DRAFTS LIKELY TO BE ADJUSTED ACCORDINGLY.
29th	8.0	7.8	7.6	7.4	281600	
30th	8.5	8.3	8.1	X	291700	
31th	8.5	8.3	8.1	X	301745	11. Vessel required to have 0.2mtrs. trim aft between DH & GR.
<b>OUTWARD</b>						
1st	7.6	7.4	7.2	X		12.* TO AVAIL MAXIMUM DRAFT OF THE DAY VESSEL BOUND DH & BB AND KOLKATA MUST PICK UP BY EMBARKATION TIME. THEY CAN ONLY ENTER ON TWO TIDES.
2nd	7.9	7.7	7.5	X		
3rd	8.0	7.8	7.6	X		
4th	7.9	7.7	7.5	X		
5th	7.6	7.4	7.2	X		13. BOTH INWARD AND OUTWARD DRAFTS ARE SUBJECT TO ALL LIGHTS IN ORDER.
6th	7.3	7.1	6.9	6.7		
7th	7.0	6.8	6.6	6.4		
8th	6.6	6.4	6.2	6.5		14. For Kolkata/BB Vessels above LOA 165mtrs. the permissible draft will be 0.2mtrs. less than the predicted draft.
9th	6.5	6.3	6.1	5.9		
10th	6.1	5.9	5.7	5.5		
*11th	6.3	6.1	5.9	5.7		15. All vessels are required to have two serviceable bower anchors for safe transit.
12th	6.5	6.3	6.1	5.9		
13th	6.7	6.5	6.3	6.1		
14th	6.9	6.7	6.5	6.3		16. <u>All vessels A.I.S. Pilot plug required to be operational.</u>
15th	7.1	6.9	6.7	6.5		
16th	7.2	7.0	6.8	6.6		
17th	7.3	7.1	6.9	6.7		
18th	7.4	7.2	7.0	6.8		
19th	7.3	7.1	6.9	6.7		
20th	7.2	7.0	6.8	6.6		
21st	7.0	6.8	6.6	6.4		
22nd	6.9	6.7	6.5	6.3		
23rd	6.7	6.5	6.3	6.1		
24th	6.5	6.3	6.1	5.9		
25th	6.2	6.0	5.8	5.6		
26th	6.1	5.9	5.7	5.5		
*27th	6.5	6.3	6.1	5.9		
28th	6.8	6.6	6.4	6.2		
29th	7.3	7.1	6.9	6.7		
30th	7.7	7.5	7.3	X		
31th	8.1	7.9	7.7	X		

Sd/-  
( D Sengupta )  
HARBOUR MASTER(RIVER)  
बंदरगाह मास्टर (नदी)