

MRN/HMR/KD/274

**S.M.P. KOLKATA**  
**एस॰एम॰पी, कोलकाता**  
**KOLKATA JULY - 2023**

H.M.( R )'S OFFICE

DATED : 31.05.23

**ESTIMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF JULY'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	7.7	7.5	7.3	7.1	301530	
2nd	7.2	7.0	6.8	6.6	011630	1. Vessels report their ETA to Pilot station at least 24 hrs. in advance SSB 4147.4 and 8295.4 KHz.
3rd	8.3	8.1	7.9	X	021715	
4th	8.5	8.3	8.1	X	031800	
5th	8.5	8.3	8.1	X	041845	2. Pilot embarkation time at Middleton Channel contact pilot station on Channel 16/68.
6th	8.4	8.2	8.0	X	051930	
7th	8.2	8.0	7.8	X	062030	
8th	7.9	7.7	7.5	7.3	072115	3. Vessels should anchor southward of Eastern Channel Light Vessel (21°04'N,88°11'12.5E) on arrival sandheads.
9th	7.6	7.4	7.2	7.0	082200	
10th	7.1	6.9	6.7	6.5	092245	
*11th	7.1	6.9	6.7	6.5	101100	4. VTMS assistance is available above 21°25' on VHF channel 16/68 from control station Haldia (22°02'N 88°06'E).
12th	7.1	6.9	6.7	6.5	111215	
13th	7.1	6.9	6.7	6.5	121330	
14th	7.3	7.1	6.9	6.7	131445	5. Outward deep drafts apply to vessels brought to BB anchorages on the previous day tide.
15th	7.4	7.2	7.0	6.8	141600	
16th	7.6	7.4	7.2	7.0	151700	
17th	7.8	7.6	7.4	7.2	161745	6. One light drafted fast ship can avail of dockhead sailing on certain dates. Please refer Notice Oct'99.
18th	7.9	7.7	7.5	7.3	171815	
19th	7.9	7.7	7.5	7.3	181845	
20th	7.9	7.7	7.5	7.3	191900	7. Drafts are subject to adjustment.
21st	7.9	7.7	7.5	7.3	201930	
22nd	7.7	7.5	7.3	7.1	212000	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	7.6	7.4	7.2	7.0	222030	
24th	7.4	7.2	7.0	6.8	232100	
25th	7.2	7.0	6.8	6.6	242145	
26th	7.0	6.8	6.6	6.4	252215	9. E.Gut -3.5mtrs. , Moyapur - 4.0 mtrs. & Phalta - 2.9mtrs.
*27th	6.6	6.4	6.2	6.0	261030	
28th	7.0	6.8	6.6	6.4	271145	10. IF ANY PROJECTED PARAMETERS ARE CHANGED, DRAFTS LIKELY TO BE ADJUSTED ACCORDINGLY.
29th	7.2	7.0	6.8	6.6	281315	
30th	7.6	7.4	7.2	7.0	291445	
31th	8.0	7.8	7.6	7.4	301700	11. Vessel required to have 0.2mtrs. trim aft between DH & GR.
<b>OUTWARD</b>						
1st	7.0	6.8	6.6	6.4		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	7.2	7.0	6.8	6.6		
3rd	7.5	7.3	7.1	X		
4th	7.7	7.5	7.3	X		
5th	7.7	7.5	7.3	X		13. BOTH INWARD AND OUTWARD DRAFTS ARE SUBJECT TO ALL LIGHTS IN ORDER.
6th	7.6	7.4	7.2	X		
7th	7.4	7.2	7.0	X		
8th	7.1	6.9	6.7	6.5		
9th	6.9	6.7	6.5	6.3		14. For Kolkata/BB Vessels above LOA 165mtrs. the permissible draft will be 0.2mtrs. less than the predicted draft.
10th	6.7	6.5	6.3	6.1		
11th	6.7	6.5	6.3	6.1		
*12th	6.5	6.3	6.1	5.9		15. All vessels are required to have two serviceable bower anchors for safe transit.
13th	6.5	6.3	6.1	5.9		
14th	6.6	6.4	6.2	6.0		16. <u>All vessels A.I.S. Pilot plug required to be operational.</u>
15th	6.8	6.6	6.4	6.2		
16th	6.9	6.7	6.5	6.3		
17th	7.1	6.9	6.7	6.5		
18th	7.1	6.9	6.7	6.5		
19th	7.2	7.0	6.8	6.6		
20th	7.2	7.0	6.8	6.6		
21st	7.1	6.9	6.7	6.5		
22nd	7.0	6.8	6.6	6.4		
23rd	6.9	6.7	6.5	6.3		
24th	6.8	6.6	6.4	6.2		
25th	6.6	6.4	6.2	6.0		
26th	6.4	6.2	6.0	5.8		
27th	6.2	6.0	5.8	5.6		
*28th	6.4	6.2	6.0	5.8		
29th	6.6	6.4	6.2	6.0		
30th	6.9	6.7	6.5	6.3		
31th	7.2	7.0	6.8	6.6		

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

