

MRN/HMR/KD/276

S.M.P. KOLKATA
एस०एम०पी, कोलकाता
KOLKATA SEPT' - 2023

H.M.(R)'S OFFICE

DATED : 31.07.23

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

INWARD Date	12kts&Ovr	10.5kts&Ovr	Over 9kts	Over 7.5kts	Embk time	N O T E S
1st	8.5	8.3	8.1	X	301830	
2nd	8.5	8.3	8.1	X	011900	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	021945	
4th	8.1	7.9	7.7	7.5	032015	
5th	7.6	7.4	7.2	7.0	042045	2. Pilot embarkation time at Middleton Channel contact pilot station on Channel 16/68.
6th	7.1	6.9	6.7	6.5	052115	
7th	6.6	6.4	6.2	6.0	062145	
*8th	6.1	5.9	5.7	5.5	071015	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	081130	
10th	6.8	6.6	6.4	6.2	091430	
11th	7.2	7.0	6.8	6.6	101545	4. VTMS assistance is available above 21°25' on VHF channel 16/68 from control station Haldia (22°02'N 88°06'E).
12th	7.5	7.3	7.1	6.9	111635	
13th	7.8	7.6	7.4	7.2	121715	
14th	8.0	7.8	7.6	7.4	131745	5. Outward deep drafts apply to vessels brought to BB anchorages on the previous day tide.
15th	8.1	7.9	7.7	7.5	141800	
16th	8.1	7.9	7.7	7.5	151830	
17th	8.1	7.9	7.7	7.5	161845	6. One light drafted fast ship can avail of dockhead sailing on certain dates. Please refer Notice Oct'99.
18th	8.0	7.8	7.6	7.4	171915	
19th	7.8	7.6	7.4	7.2	181945	
20th	7.6	7.4	7.2	7.0	192015	7. Drafts are subject to adjustment.
21st	7.3	7.1	6.9	6.7	202030	
22nd	7.0	6.8	6.6	6.4	212115	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	6.6	6.4	6.2	6.0	222145	
*24th	6.5	6.3	6.1	5.9	231030	
25th	7.0	6.8	6.6	6.4	241230	
26th	7.5	7.3	7.1	6.9	251445	9. E.Gut -3.5 mtrs. , Moyapur - 3.9 mtrs. & Phalta - 2.9 mtrs.
27th	8.0	7.8	7.6	7.4	261600	
28th	8.4	8.2	8.0	X	271700	10. IF ANY PROJECTED PARAMETERS ARE CHANGED, DRAFTS LIKELY TO BE ADJUSTED ACCORDINGLY.
29th	8.5	8.3	8.1	X	281745	
30th	8.5	8.3	8.1	X	291815	11. Vessel required to have 0.2mtrs. trim aft between DH & GR.
OUTWARD						
1st	8.2	8.0	7.8	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	8.0	7.8	7.6	X		
3rd	7.6	7.4	7.2	X		
4th	7.3	7.1	6.9	6.7		
5th	6.9	6.7	6.5	6.3		13. BOTH INWARD AND OUTWARD DRAFTS ARE SUBJECT TO ALL LIGHTS IN ORDER.
6th	6.5	6.3	6.1	5.9		
7th	6.2	6.0	5.8	5.6		
8th	6.0	5.8	5.6	5.5		
*9th	6.2	6.0	5.8	5.6		14. For Kolkata/BB Vessels above LOA 165mtrs. the permissible draft will be 0.2mtrs. less than the predicted draft.
10th	6.3	6.1	5.9	5.7		
11th	6.5	6.3	6.1	5.9		
12th	6.8	6.6	6.4	6.2		15. All vessels are required to have two serviceable bower anchors for safe transit.
13th	7.0	6.8	6.6	6.4		
14th	7.2	7.0	6.8	6.6		16. <u>All vessels A.I.S. Pilot plug required to be operational.</u>
15th	7.3	7.1	6.9	6.7		
16th	7.4	7.2	7.0	6.8		
17th	7.4	7.2	7.0	6.8		
18th	7.3	7.1	6.9	6.7		
19th	7.1	6.9	6.7	6.5		
20th	6.9	6.7	6.5	6.3		
21st	6.7	6.5	6.3	6.1		
22nd	6.4	6.2	6.0	5.8		
23rd	6.1	5.9	5.7	5.5		
24th	6.0	5.8	5.6	5.4		
*25th	6.4	6.2	6.0	5.8		
26th	6.8	6.6	6.4	6.2		
27th	7.2	7.0	6.8	6.6		
28th	7.5	7.3	7.1	X		
29th	7.9	7.7	7.5	X		
30th	7.9	7.7	7.5	X		

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