

MRN/HMR/KD/265

**S.M.P. KOLKATA**  
**एस०एम०पी, कोलकाता**  
**KOLKATA OCTOBER - 2022**

H.M.( R )'S OFFICE  
**DATED : 31.08.2022**

**ESTIMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF OCTOBER'2022 FOR KOLKATA (Lighted channel draft)**

INWARD Date	12kts&Ovr	10.5kts&Ovr	Over9kts	Over7.5kts	Embk time	N O T E S
1st	7.7	7.5	7.3	7.1	302030	
2nd	7.3	7.1	6.9	6.7	012100	1. Vessels report their ETA to Pilot station at least 24 hrs. in advance SSB 4147.4 and 8295.4 KHz.
3rd	6.3	6.1	5.9	5.7	022145	
*4th	6.9	6.7	6.5	6.3	031045	
5th	7.1	6.9	6.7	6.5	041245	2. Pilot embarkation time at Middleton Channel contact pilot station on Channel 16/68.
6th	7.6	7.4	7.2	7.0	051440	
7th	8.0	7.8	7.6	7.4	061545	
8th	8.2	8.0	7.8	7.6	071645	3. Vessels should anchor southward of Eastern Channel Light Vessel (21°04'N,88°11'12.5E) on arrival sandheads.
9th	8.4	8.2	8.0	X	081730	
10th	8.4	8.2	8.0	X	091800	
11th	8.4	8.2	8.0	X	101830	4. VTMS assistance is available above 21*25' on VHF channel 16/68 from control station Haldia (22°02'N 88°06'E).
12th	8.2	8.0	7.8	7.6	111900	
13th	7.9	7.7	7.5	7.3	121915	
14th	7.6	7.4	7.2	7.0	131945	5. Outward deep drafts apply to vessels brought to BB anchorages on the previous day tide.
15th	7.3	7.1	6.9	6.7	142000	
16th	7.0	6.8	6.6	6.4	152030	
17th	6.6	6.4	6.2	6.0	162100	6. One light drafted fast ship can avail of dockhead sailing on certain dates. Please refer Notice Oct'99.
18th	5.9	5.7	5.5	5.3	172130	
*19th	6.5	6.3	6.1	5.9	181045	
20th	6.7	6.5	6.3	6.1	191315	7. Drafts are subject to adjustment.
21st	7.1	6.9	6.7	6.5	201445	
22nd	7.4	7.2	7.0	6.8	211545	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	7.7	7.5	7.3	7.1	221630	
24th	8.0	7.8	7.6	7.4	231700	
25th	8.1	7.9	7.7	X	241745	
26th	8.3	8.1	7.9	X	251815	9. E.Gut -3.2mtrs. , Moyapur - 3.8mtrs. & Phalta - 3.1mtrs.
27th	8.3	8.1	7.9	X	261845	
28th	8.1	7.9	7.7	X	271915	10. IF ANY PROJECTED PARAMETERS ARE CHANGED, DRAFTS LIKELY TO BE ADJUSTED ACCORDINGLY.
29th	7.8	7.6	7.4	7.2	281945	
30th	7.4	7.2	7.0	6.8	292015	
31st	7.0	6.8	6.6	6.4	302100	11. Vessel required to have 0.2mtrs. trim aft between DH & GR.
<b>OUTWARD</b>						
1st	7.0	6.8	6.6	6.4		
2nd	6.6	6.4	6.2	6.0		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.
3rd	6.3	6.1	5.9	5.7		
4th	5.6	5.4	5.2	5.0		
*5th	6.5	6.3	6.1	5.9		13. BOTH INWARD AND OUTWARD DRAFTS ARE SUBJECT TO ALL LIGHTS IN ORDER.
6th	6.9	6.7	6.5	6.3		
7th	7.2	7.0	6.8	6.6		
8th	7.5	7.3	7.1	6.9		
9th	7.6	7.4	7.2	X		14. For Kolkata/BB Vessels above LOA 165mtrs. the permissible draft will be 0.2mtrs. less than the predicted draft.
10th	7.6	7.4	7.2	X		
11th	7.6	7.4	7.2	X		
12th	7.4	7.2	7.0	6.8		15. All vessels are required to have two serviceable bower anchors for safe transit.
13th	7.1	6.9	6.7	6.5		
14th	6.9	6.7	6.5	6.3		
15th	6.7	6.5	6.3	6.1		
16th	6.4	6.2	6.0	5.8		
17th	6.2	6.0	5.8	5.6		
18th	6.2	6.0	5.8	5.6		
19th	5.5	5.3	5.1	4.9		
*20th	6.3	6.1	5.9	5.7		16. <u>All vessels A.I.S. Pilot plug required to be operational.</u>
21st	6.5	6.3	6.1	5.9		
22nd	6.8	6.6	6.4	6.2		
23rd	7.0	6.8	6.6	6.4		
24th	7.2	7.0	6.8	6.6		
25th	7.4	7.2	7.0	X		
26th	7.5	7.3	7.1	X		
27th	7.5	7.3	7.1	X		
28th	7.3	7.1	6.9	X		
29th	7.0	6.8	6.6	6.4		
30th	6.8	6.6	6.4	6.2		
31st	6.4	6.2	6.0	5.8		

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