

RIVER NAVIGATIONAL CHARTS

In accordance with Section 14(2) (c) of the Inland Waterways Authority of India Act, 1985 (82 of 1985), IWAI has published River Navigational charts for the three National Waterways.

The details of the charts are given below: -

National Waterway-1

Haldia(Sagar Island) to Allahabad stretch of the river Ganga-Bhagirathi-Hooghly river system

Sl #	Title	Chart area	Chart No	Scale
1	Planning chart	Sagar Island to Sundalpur	NW-1/PL-1	1:250,000
2		Sundalpur to Farakka	NW-1/PL-2	1:250,000
3		Farakka to Jaitpur	NW-1/PL-3	1:250,000
4		Jaitpur to Ballia	NW-1/PL-4	1:250,000
5		Ballia to Allahabad	NW-1/PL-5	1:300,000
6	River navigational charts Haldia(Sagar Island) to Allahabad	Sagar roads to Haldia port	NW-1/SF-1	1:70,000
7		Haldia Port to Kantabaria Reach	NW-1/SF-2	1:30,000
8		Kantabaria Reach to Phalta Reach	NW-1/SF-3	1:30,000
9		Phalta Reach to Royapur Crossing	NW-1/SF-4	1:15,000
10		Royapur Crossing to Baj Baj Reach	NW-1/SF-5	1:15,000
11		Baj Baj Reach to Jarmakers Reach	NW-1/SF-6	1:15,000
12		Jarmakers Reach to College Reach	NW-1/SF-7	1:15,000
13		College Reach to Barahanagar	NW-1/SF-8	1:15,000
14		Barahanagar to Titagarh	NW-1/SF-9	1:15,000
15		Titagarh to Gondalpara	NW-1/SF-10	1:15,000
16		Gondalpara to Dunlop Jetty	NW-1/SF-11	1:15,000
17		Dunlop Jetty to Kalipur	NW-1/SF-12	1:15,000
18		Kalipur to Balagarh Reach	NW-1/SF-13	1:15,000
19		Balagarh Reach to Sundalpur	NW-1/SF-14	1:15,000
20		Sundalpur to Kalna Reach	NW-1/SF-15	1:15,000
21		Kalna Reach to Mathurapur	NW-1/SF-16	1:15,000
22		Mathurapur to Nabadwip	NW-1/SF-17	1:15,000
23		Nabadwip to Sankharpur Cut Off	NW-1/SF-18	1:10,000

24	Sankharpur Cut Off to Karkaria Shoal	NW-1/SF-19	1:10,000
25	Karkaria Shoal to Dwaphar Pouta Reach	NW-1/SF-20	1:10,000
26	Dwaphar Pouta Reach to Patuli Bight	NW-1/SF-21	1:10,000
27	Patuli Bight to Baladanga Bar	NW-1/SF-22	1:10,000
28	Baladanga Bar to Katwa Shoal-1	NW-1/SF-23	1:10,000
29	Katwa Shoal-1 to Udhyaranpur Shoal	NW-1/SF-24	1:10,000
30	Udhyaranpur Shoal to Kalyanpur Reach	NW-1/SF-25	1:10,000
31	Kalyanpur Reach to Jhasudanga Crossing	NW-1/SF-26	1:10,000
32	Jhasudanga Crossing to Narkelberia Reach	NW-1/SF-27	1:10,000
33	Narkelberia Reach to Bhutghata Reach	NW-1/SF-28	1:10,000
34	Bhutghata Reach to Satui Reach	NW-1/SF-29	1:10,000
35	Satui Reach to Halalpur Reach	NW-1/SF-30	1:10,000
36	Halalpur Reach to Kistamati Reach	NW-1/SF-31	1:10,000
37	Kistamati Reach to Karbala Reach	NW-1/SF-32	1:10,000
38	Karbala Reach to Nashipur Reach	NW-1/SF-33	1:10,000
39	Nashipur Reach to Ganeshpur Shoal	NW-1/SF-34	1:10,000
40	Ganeshpur Shoal to Arichpur Reach	NW-1/SF-35	1:10,000
41	Arichpur Reach to Shyampur Shoal	NW-1/SF-36	1:10,000
42	Shyampur Shoal to Nutanganj Reach	NW-1/SF-37	1:10,000
43	Nutanganj Reach to Jangipur Crossing	NW-1/SF-38	1:10,000
44	Daffarpur Shoal to Khidderpur Reach	NW-1/SF-39	1:10,000
45	Feeder Canal Sheet No-1	NW-1/SF-40	1:10,000
46	Feeder Canal Sheet No-2	NW-1/SF-41	1:10,000
47	Feeder Canal Sheet No-3	NW-1/SF-42	1:10,000
48	Feeder Canal Sheet No-4	NW-1/SF-43	1:10,000

49	Feeder Canal Sheet No-5	NW-1/SF-44	1:10,000
50	Feeder Canal Sheet No-6	NW-1/SF-45	1:10,000
51	Farakka to Kamaltipur	NW-1/FA-1	1:30,000
52	Kamaltipur to Sukhsena	NW-1/FA-2	1:30,000
53	Sukhsena to Balrampur	NW-1/FA-3	1:30,000
54	Balrampur to Gandhitola	NW-1/FA-4	1:30,000
55	Gandhitola to Barhara	NW-1/FA-5	1:30,000
56	Barhara to Jhaludastola	NW-1/FA-6	1:30,000
57	Jhaludastola to Bindtoli	NW-1/FA-7	1:20,000
58	Bindtoli to Ziauddinpur	NW-1/FA-8	1:20,000
59	Ziauddinpur to Bishanpur	NW-1/FA-9	1:20,000
60	Bishanpur to Kumarganj	NW-1/FA-10	1:30,000
61	Kumarganj to Tirasi	NW-1/FA-11	1:30,000
62	Tirasi to Samastipur	NW-1/FA-12	1:30,000
63	Samastipur to Shahpur Birpur	NW-1/FA-13	1:30,000
64	Shahpur Birpur to Matihani	NW-1/FA-14	1:30,000
65	Matihani to Mokama	NW-1/FA-15	1:30,000
66	Mokama to Lemuabad	NW-1/FA-16	1:30,000
67	Lemuabad to Amdipur	NW-1/FA-17	1:30,000
68	Amdipur to Bishunpur	NW-1/FA-18	1:30,000
69	Bishunpur to Nasriganj	NW-1/FA-19	1:30,000
70	Nasriganj to Patna	NW-1/FA-20	1:20,000
71	Patna to Nasriganj	NW-1/FA-21	1:20,000
72	Nasriganj to Dosnagar	NW-1/FA-22	1:20,000
73	Dosnagar to Madanpatti	NW-1/FA-23	1:20,000
74	Madanpatti to Chhapra	NW-1/FA-24	1:20,000
75	Chhapra to Ajmerganj	NW-1/FA-25	1:20,000
76	Ajmerganj to Saripalpur	NW-1/FA-26	1:30,000
77	Saripalpur to Bhansar Ghat	NW-1/FA-27	1:30,000
78	Bhansar ghat to Manikpurdera	NW-1/FA-28	1:20,000
79	Manikpurdera to Barkagaon	NW-1/FA-29	1:20,000
80	Chhapandera to Buxar	NW-1/FA-30	1:20,000
81	Buxar to Gahmar	NW-1/FA-31	1:20,000
82	Gahmar to Chak Turfia	NW-1/FA-32	1:20,000
83	Chak Turfia to Bawanda	NW-1/FA-33	1:15,000

84		Bawanda to Bhagirathpur	NW-1/FA-34	1:15,000
85		Bhagirathpur to Solhanpur	NW-1/FA-35	1:15,000
86		Solhanpur to Nadaro	NW-1/FA-36	1:20,000
87		Nadaro to Burhepur	NW-1/FA-37	1:20,000
88		Burhepur to Tanda Kalan	NW-1/FA-38	1:20,000
89		Tanda Kalan to Kukurha	NW-1/FA-39	1:20,000
90		Kukurha to Tanteपुर	NW-1/FA-40	1:20,000
91		Tanteपुर to Milkipur	NW-1/FA-41	1:15,000
92		Milkipur to Gangpur	NW-1/FA-42	1:15,000
93		Gangpur to Chunar	NW-1/FA-43	1:15,000
94		Chunar to Pemapur	NW-1/FA-44	1:15,000
95		Pemapur to Jaunsara	NW-1/FA-45	1:20,000
96		Jaunsara to Muwaiya	NW-1/FA-46	1:20,000
97		Muwaiya to Bhawanipur	NW-1/FA-47	1:20,000
98		Bhawanipur to Baripur	NW-1/FA-48	1:20,000
99		Baripur to Tela khas	NW-1/FA-49	1:20,000
100		Tela khas to Sirsa	NW-1/FA-50	1:20,000
101		Sirsa to Diha	NW-1/FA-51	1:20,000
102		Diha to Mawaiya Lawain	NW-1/FA-52	1:15,000
103		Mawaiya lawain to Allahabad	NW-1/FA-53	1:15,000

National Waterway-2

(Bangladesh Border(Dhubri) to Sadiya stretch of the river Brahmaputra)

Sl #	Title	Chart area	Chart No	Scale
1	Planning chart	Bangladesh border to Guwahati	NW2/PL-1	1:260,000
2		Guwahati to Subansiri Mukh	NW2/PL-2	1:260,000
3		Jamuguri to Sadiya	NW3/PL-3	1:260,000
4	River navigational charts Bangladesh border (Dhubri) to Sadiya	Bangladesh border to Purarchar	NW-2/BP-1	1:30,000
5		Purarchar to Barabhita	NW-2/BP-2	1:30,000
6		Barabhita to Tulsibari	NW-2/BP-3	1:30,000
7		Tulsibari to Arimari	NW-2/BP-4	1:30,000
8		Arimari to Satshabighachar	NW-2/BP-5	1:30,000
9		Satshabighachar to Khandakarpara	NW-2/BP-6	1:30,000
10		Khandakarpara to Pam Dongra	NW-2/BP-7	1:30,000

11	Pam Dongra to Damdamachara	NW-2/BP-8	1:30,000
12	Damdachara to Bichuttari	NW-2/BP-9	1:30,000
13	Bichuttari to Dakhla Pahar	NW-2/BP-10	1:30,000
14	Dakhla Pahar to Pandu	NW-2/BP-11	1:30,000
15	Guwahati to Kiriakara	NW-2/PS-1	1:30,000
16	Kiriakara to Mayang	NW-2/PS-2	1:30,000
17	Mayang to Jengapuri	NW-2/PS-3	1:30,000
18	Jengapuri to Chenimari	NW-2/PS-4	1:30,000
19	Chenimari to Sonsheri	NW-2/PS-5	1:30,000
20	Sonsheri to Basamari	NW-2/PS-6	1:30,000
21	Basamari to Tezpur	NW-2/PS-7	1:30,000
22	Tezpur to Bagjan	NW-2/PS-8	1:30,000
23	Bagjan to Tanikatagaon	NW-2/PS-9	1:30,000
24	Tanikatagaon to Kathanibari	NW-2/PS-10	1:30,000
25	Kathanibari to Bherbherikheroni	NW-2/PS-11	1:30,000
26	Bherbherikheroni to Dhobagaon	NW-2/PS-12	1:30,000
27	Dhobagaon to Misamaria	NW-2/PS-13	1:30,000
28	Misamaria to Nagheria	NW-2/PS-14	1:30,000
29	Nagheria to Siramchapari	NW-2/PS-15	1:30,000
30	Siramchapari to Burabaripam	NW-2/PS-16	1:30,000
31	Burabaripam to Banaria Chapari	NW-2/PS-17	1:30,000
32	Banaria chapari to Aphala	NW-2/PS-18	1:30,000
33	Aphala to Madarguri	NW-2/PS-19	1:30,000
34	Madarguri to Mauja Chapari	NW-2/PS-20	1:30,000
35	Mauja chapari to Barmuriagaon	NW-2/PS-21	1:30,000
36	Barmuriagaon to Lakshmi Muktiargaon	NW-2/PS-22	1:30,000
37	Lakshmi muktiargaon to Kachuanigaon	NW-2/PS-23	1:50,000
38	Kachuanigaon to Guijan	NW-2/PS-24	1:50,000
39	Guijan to Hathiguli	NW-2/PS-25	1:50,000
40	Hathiguli to Sadiya	NW-2/PS-26	1:30,000

National Waterway-3

(Kottapuram to Kollam stretch of West Coast Canal along with Champakkara and Udyogamandal canals)

Sl #	Title	Chart area	Chart No	Scale
1	Planning chart	Kottapuram to Alappuzha along with Udyogamandal & Champakkara canals	NW3/PL-1	1:100,000
2		Alappuzha-Kollam	NW3/PL-2	1:100,000
3	River navigational charts Kottapuram to Kollam	Kottapuram to Kovilakathu Kadavu jetty	NW-3/KK-1	1:10,000
4		Kovilakathu Kadavu jetty to Ezhikara	NW-3/KK-2	1:10,000
5		Ezhikara to Perumpilli	NW-3/KK-3	1:10,000
6		Perumpilli to Kochi port	NW-3/KK-4	1:10,000
7		Kochi Port to Edakochi	NW-3/KA-1	1:15,000
8		Edakochi to Panavalli	NW-3/KA-2	1:15,000
9		Panavalli to Pallipuram	NW-3/KA-3	1:15,000
10		Pallipuram to Thannirmukkom	NW-3/KA-4	1:15,000
11		Vembanad Lake Thannirmukkom to Kayippuram tekku	NW-3/KA-5	1:15,000
12		Vembanad Lake Kayippuram tekku to Punnamada jetty	NW-3/KA-6	1:15,000
13		Punnamada jetty to Alappuzha	NW-3/KA-7	1:5,000
14		Alappuzha to Kainakari	NW-3/AK-1	1:5,000
15		Kainakari To Punnappra	NW-3/AK-2	1:5,000
16		Punnappra to Kanjippadam	NW-3/AK-3	1:5,000
17		Kanjippadam to Nadubhagam	NW-3/AK-4	1:5,000
18		Nadubhagam to Tennadi	NW-3/AK-5	1:5,000
19		Tennadi to Thandapra	NW-3/AK-6	1:5,000
20		Thandapra to Karuvatta	NW-3/AK-7	1:2,500
21		Karuvatta	NW-3/AK-8	1:2,500
22		Karuvatta to Purakkad	NW-3/AK-9	1:2,500
23	Purakkad to Thottapalli	NW-3/AK-10	1:2,500	

24	River navigational charts	Thottapalli to Pallana	NW-3/AK-11	1:2,500	
25		Pallana to Kizhakkekara vadakku	NW-3/AK-12	1:2,500	
26		Kizhakkekara vadakku to Trikkunnapuzha lockgate	NW-3/AK-13	1:2,500	
27		Trikkunnapuzha lockgate to Arattupuzha	NW-3/AK-14	1:2,500	
28		Arattupuzha to Muthukulam	NW-3/AK-15	1:5,000	
29		Muthukulam to Kirikkad jetty	NW-3/AK-16	1:5,000	
30		Kirikkad jetty to Tharayilkadavu tura	NW-3/AK-17	1:5,000	
31		Tharayilkadavu tura to Prayar vadakku	NW-3/AK-18	1:5,000	
32		Prayar vadakku to Panakkada	NW-3/AK-19	1:5,000	
33		Panakkada to Kakkathurthu	NW-3/AK-20	1:5,000	
34		Kakkathurthu to Kozhikodu	NW-3/AK-21	1:5,000	
35		Kozhikodu to Ponmana	NW-3/AK-22	1:5,000	
36		Kannittathuruthu to Anchumana	NW-3/AK-23	1:2,500	
37		Anchumana to Arakkal	NW-3/AK-24	1:2,500	
38		Arakkal to Chavara	NW-3/AK-25	1:2,500	
39		Chavara to Mudavilabhagam	NW-3/AK-26	1:2,500	
40		Mudavilabhagam to Kavanad	NW-3/AK-27	1:10,000	
41		Kavanad to Kollam	NW-3/AK-28	1:10,000	
42		River navigational charts Champakkara Canal	Indira Gandhi bridge to Maradu IWT terminal	NW-3/CH-1	1:5,000
43			Maradu IWT terminal to Eroor Road bridge	NW-3/CH-2	1:5,000
44			Eroor Road bridge to Chithrapuzha Rail bridge	NW-3/CH-3	1:5,000
45		River navigational charts Udyogamandal Canal	Kochi Port to Tantonituruttu island	NW-3/UD-1	1:5,000
46			Tantonituruttu island to Chittur	NW-3/UD-2	1:5,000
47			Chittur to Varapuzha	NW-3/UD-3	1:5,000
48			Varapuzha to Methanam	NW-3/UD-4	1:5,000
49			Methanam to Pathalam bridge	NW-3/UD-5	1:5,000

Sunderbans waterways

(Namkhana to Raimongal border with Bangladesh (including flood season and alternative routes))

Sl #	Title	Chart area	Chart No	Scale
1	Planning chart	Namkhana to Athara Banki Khal	PR/SU/PL	1:150,000
Sunderbans - Main Route				
2	River navigational charts Namkhana to Athara Banki Khal	Namkhana to Madanganj	PR/SU/MR-1	1:5,000
3		Madanganj to Ishwaripur	PR/SU/MR-2	1:5,000
4		Ishwaripur to Dwariknagar	PR/SU/MR-3	1:5,000
5		Saptamukhi River (Western)	PR/SU/MR-4	1:5,000
6		Saptamukhi River (Eastern)	PR/SU/MR-5	1:5,000
7		Brajaballbpur to Kshetramohanpur	PR/SU/MR-6	1:5,000
8		Kshetramohanpur to Shibganj	PR/SU/MR-7	1:5,000
9		Shibganj to Lakshimpur	PR/SU/MR-8	1:10,000
10		Lakshimpur to Achintanagar	PR/SU/MR-9	1:5,000
11		Achintanagar to Paschim Sripatinagar	PR/SU/MR-10	1:7,500
12		Paschim Sripatinagar to Kishorimohanpur	PR/SU/MR-11	1:10,000
13		Olian Nala	PR/SU/MR-12	1:5,000
14		Hariakhali Khal to Nagenabad	PR/SU/MR-13	1:5,000
15		Nagenabad to Kankalmari River Entrance	PR/SU/MR-14	1:5,000
16		Ajmal mari River Entrance to Bidya River Entrance	PR/SU/MR-15	1:25,000
17		Bidya River Entrance to Gosaba River Entrance	PR/SU/MR-16	1:20,000
18		Gosaba River Entrance to Haribanga River	PR/SU/MR-17	1:20,000
19		Haribanga River to Athara Banki Khal	PR/SU/MR-18	1:20,000

Sunderbans - Bypass Route				
20		Paschim Sripatinagar to Ajmalmari River Entrance	PR/SU/BY-1	1:15,000
Sunderbans - Monsoon Route				
21	River navigational charts Debipur to Nabanki Khal	Debipur to Bara Herobhanga Khal	PR/SU/MN-1	1:15,000
22		Bara Herobhanga Khal to Nabanki Khal Entrance	PR/SU/MN-2	1:15,000
23		Nabanki Khal	PR/SU/MN-3	1:10,000
Sunderbans - Alternative Route				
24	River navigational charts Bali to Raimangal River (Sourthern)	Bali to Dayapur	PR/SU/AL-01	1:15,000
25		Dayapur to Satjaliya	PR/SU/AL-02	1:7,500
26		Satjaliya to Mollakhali	PR/SU/AL-03	1:5,000
27		Mollakhali to Bagna Khal	PR/SU/AL-04	1:7,500
28		Raimangal River (Northern)	PR/SU/AL-05	1:20,000
29		Raimangal River (Sourthern)	PR/SU/AL-06	1:25,000

Interested users/ IWT operators/ agencies/ organizations/ individual can purchase the charts from the office of the Hydrographic Chief, IWAI, A-13, Sector-1, Noida, Distt- Gautam Budh Nagar, U.P- 201 301 during office hours (0930 to 1800 hrs from Monday to Friday) by paying Rs 1000/- (Rupees one thousand only) per chart in the form of Demand Draft drawn from any Nationalized or Scheduled Bank in favor of "IWAI Fund" payable at Noida or New Delhi. Those who are interested to get the charts by courier may submit a request indicating the mailing address and details of required charts (from the above table).

- ❖ River Atlas for three National Waterways (NW-1, NW-2, and NW-3) already prepared and would be available for sale shortly.
- ❖ River pilots for three National Waterways (NW-1, NW-2 & NW-3) and Sunderbans waterways are under preparation, the same will also be made available for sale from IWAI, H.O, Noida after completion.
