

THE NATIONAL WATERWAYS ACT, 2016

ACT NO. 17 OF 2016

[25th March, 2016]

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THE NATIONAL WATERWAYS ACT, 2016

ACT NO. 17 OF 2016

An Act to make provisions for existing national waterways and to provide for the declaration of certain inland waterways to be national waterways and also to provide for the regulation and development of the said waterways for the purposes of shipping and navigation and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Sixty-seventh Year of the Republic of India as follows: ♦

1. Short title and commencement.

(1) This Act may be called the National Waterways Act, 2016.

(2) It shall come into force on such date¹ as the Central Government may, by notification in the Official Gazette, appoint.

2. Existing national waterways and declaration of certain inland waterways as national waterways.

(1) The existing national waterways specified at serial numbers 1 to 5 in the Schedule along with their limits given in column (3) thereof, which have been declared as such under the Acts referred to in sub-section (1) of section 5, shall, subject to the modifications made under this Act, continue to be national

waterways for the purposes of shipping and navigation under this Act.

(2) The regulation and development of the waterways referred to in sub-section (1) which have been under the control of the Central Government shall continue, as if the said waterways are declared as national waterways under the provisions of this Act.

(3) The inland waterways specified at serial numbers 6 to 111 in the Schedule along with their limits given in column (3) thereof are hereby declared to be national waterways for the purposes of shipping and navigation.

3. Declaration as to expediency of control and development by Union of waterways specified in Schedule for certain purposes.

Save as provided in sub-sections (1) and (2) of section 2, it is hereby declared that it is expedient in the public interest that the Union should take under its control the regulation and development of the waterways specified in the Schedule for the purposes of shipping and navigation to the extent provided in the Inland Waterways Authority of India Act, 1985 (82 of 1985).

4. Amendment of section 2 of Act 82 of 1985.

In the Inland Waterways Authority of India Act, 1985, in section 2, for clause (h), the following clause shall be substituted, namely: ♦

(h) ♦national waterway♦ means the inland waterway declared by section 2 of the National Waterways Act, 2016, to be a national waterway.

Explanation. ♦If Parliament declares by law any other waterway to be a national waterway, then, from the date on which such declaration takes effect, such other waterway♦

(i) shall also be deemed to be a national waterway within the meaning of this clause; and

(ii) the provisions of this Act shall, with necessary modifications (including modification for construing any reference to the commencement of this Act as a reference to the date aforesaid), apply to such national waterway;“.

5. Repeal of certain enactments and saving.

(1) The following Acts, namely: ♦

(a) the National Waterway (Allahabad-Haldia Stretch of the Ganga Bhagirathi-Hooghly River) Act, 1982 (49 of 1982);

(b) the National Waterway (Sadiya-Dhubri Stretch of Brahmaputra River) Act, 1988 (40 of 1988);

(c) the National Waterway (Kollam-Kottapuram Stretch of West Coast Canal and Champakara and Udyogmandal Canals) Act, 1992 (25 of 1992);

(d) the National Waterway (Talcher-Dhamra Stretch of Rivers, Geonkhali-Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers) Act, 2008 (23 of 2008); and

(e) the National Waterway (Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank, Bhadrachalam-Rajahmundry Stretch of River Godavari and Wazirabad-Vijayawada Stretch of River Krishna) Act, 2008 (24 of 2008),

are hereby repealed.

(2) Notwithstanding such repeal, anything done or any action taken under the Acts referred to in sub-section (1), in so far as they are in conformity with the provisions of this Act, shall be deemed to have been done or omitted to be done or taken or not taken under the provisions of this Act.

THE SCHEDULE

(See section 2)

Sl. No.	National Waterways	Limits of the National Waterways
(1)	(2)	(3)
1.	National Waterway 1	Allahabad-Haldia Stretch of the Ganga-Bhagirathi-Hooghly Rivers with the following limits, namely: From road bridge at Allahabad across the river Ganga, about 2 kilometres upstream of the confluence of the rivers Ganga and Yamuna at Triveni to the inland waterway limit on the tidal waters of the river Hooghly from a line drawn between No. 1 Refuge house at the entrance to Baratola river commonly called channel creek, to a position 2.5 kilometres due south of Saugor lighthouse, and then connected to the right or south bank at the entrance to the Hijili or Russulpore river, through river Ganga, lock canal and feeder canal at Farakka, river Bhagirathi and river Hooghly.
2.	National Waterway 2	Sadiya-Dhubri Stretch of Brahmaputra River with the following limits, namely: From a line drawn across the Brahmaputra river from the point on the north bank of the Kundil river at its confluence with the Brahmaputra river near Sadiya to the beginning of the river island Majuli and therefrom through all the channels of the Brahmaputra river on either side of the river island Majuli up to the end of the river island Majuli and then up to the international border down stream of Dhubri
	National Waterway 3	Kollam-Kozhikode Stretch of West Coast Canal and Champakara and Udyogmandal Canals with the following limits, namely: The northern limit of the West Coast Canal shall be Kozhikode at Lat 11°13'39"N, Lon 75°46'44"E and the southern limit shall be a line drawn across the Ashtamudi KayaI at a distance of 100 metres south of

3.		<p>Kollam jetty.</p> <p>The Champakara Canal starting from the confluence with the West Coast Canal and ending at the railway bridge (railway siding for Cochin Oil Refinery) near Fertilisers and Chemicals Travancore Limited, boat basin.</p> <p>The Udyogmandal Canal starting from the confluence with West Coast Canal and ending at the Padalarn road bridge (Eloor-Edayar).</p>
4.	National Waterway 4	<p>Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank, Nashik-Bhadrachalam-Rajahmundry Stretch of River Godavari and Bridge near village Galagali-Wazirabad-Vijayawada Stretch of River Krishna with the following limits, namely: ♦</p> <p>Kakinada-Puducherry canal</p> <p>(Canal system consisting of Kakinada canal, Eluru canal, Commamur canal and North Buckingham canal, portion of the Coovum river linking North and South Buckingham canals, South Buckingham canal and Kaluvelly tank)</p> <p>Northern limit: A line drawn across the Kakinada canal parallel to the Jagannadhapuram road bridge, Kakinada at a distance of 500 metres down stream at Lat 16° 56' 24" N, Lon 82° 14' 20" E;</p> <p>Southern limit: Junction of East Coast Highway and Chinnakalawari-Kanakachettikulam road at Kanakachettikulam which is the end point of the artificial canal link to Kaluvelly tank at Lat 20° 0' 07" N, Lon 79° 52' 12" E.</p> <p>River Godavari</p> <p>Western limit: Road bridge on Mumbai-Agra Highway at Nashik across river Godavari at Lat 20° 0' 07" N, Lon 73° 48' 12" E;</p> <p>Eastern limit: Sir Arthur Cotton barrage across river Godavari at Dowlaiswaram, Rajahmundry at Lat 16° 56' 05" N, Lon 81° 45' 32" E.</p> <p>River Krishna</p> <p>Western limit: Bridge near village Galagali Lat 16° 25' 28" N, Lon 75° 26' 19" E.</p> <p>Eastern limit: Prakasam barrage across river Krishna at Vijayawada at Lat 16° 30' 18" N, Lon 80° 36' 23" E.</p>
	National Waterway	Talcher-Dhamra Stretch of Brahmani-Kharsua-

5.	5	<p>Tantighai-Pandua Nala-Dudhei Nala-Kani Dhamra-river system, Geonkhali Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers with the following limits, namely: ♦</p> <p>East Coast Canal and Matai river (Consisting of old Hijli tidal canal, Orissa coast canal and Matai river)</p> <p>Northern limit: Confluence point of Hooghly river and Hijli tidal canal at Geonkhali at Lat 22° 12' 20" N, Lon 88° 03' 07" E;</p> <p>Southern limit: Confluence of Matai river and Dhamra river near Dhamra Fishing harbour at Lat 20° 47' 42" N, Lon 86° 53' 03" E.</p> <p>Brahmani-Kharsua-Dhamra river system (Consisting of Brahmani-Kharsua-Tantighai-Pandua Nala-Dudhei Nala-Kani Dhamra rivers)</p> <p>North-Western limit: Samal barrage across river Brahmani, Talcher at Lat 21° 04' 26" N, Lon 86° 08' 05" E;</p> <p>South-Eastern limit: An imaginary line drawn across Dhamra river at East Point of Kalibhanj Dian Reserved Forest near Chandnipal at Lat 20° 46' 26" N, Lon 86° 57' 15" E.</p> <p>Mahanadi delta rivers (Consisting of Hansua river, Atharabanki Creek, Nuna nala, Gobri nala, Kharnasi river and Mahanadi river)</p> <p>(Alternate route-Hansua river enters into Bay of Bengal through northern point of False point bay, then enters river Kharnasi at southern end of False point bay, river Atharabanki, a northernly distributory of river Mahanadi) Northern limit: Confluence of Kharsua river with Brahmani river at Ramchandrapur at Lat 20° 36' 55" N, Lon 86° 45' 05" E; Southern limit: An imaginary line in continuation to the Northern break water structure across the entrance channel at Paradip Port at Lat 20° 15' 38" N, Long 86° 40' 55" E.</p>
6.	6	<p>National Waterway Aai River:</p> <p>Upstream of Bridge at Adalguri No. 3 at Lat 26° 33' 32" N, Lon 90° 34' 01" E to confluence with Brahmaputra river at Lat 26° 12' 50" N, Lon 90° 36' 24" E (4.7km upstream of Naranarayan Setu at Jogighopa).</p>
	7	<p>National Waterway Ajoy (Ajay) River:</p>

7.		Bridge on Morgram-Panagarh State Highway No. 14 at Illambazar Lat 23o 36"56N, Lon 87o 31"58E to confluence of river Ajoy with river Bhagirathi at Lat 23o 39"23N, Lon 88o 07"57E at Katwa.
8.	National Waterway 8	Alappuzha-Changanassery Canal: Boat Jetty, Alappuzha at Lat 9o 30"03N, Lon 76o 20"37E to Changanassery Jetty at Lat 9o 26"42N, Lon 76o 31"42E.
9.	National Waterway 9	Alappuzha-Kottayam Athirampuzha Canal: Boat Jetty, Alappuzha at Lat 9o 30"03N, Lon 76o 20"37E to Athirampuzha market Lat 9o 40"04N, Lon 76o 31"54E.
10.	National Waterway 10	Amba River: Arabian Sea, Dharamtaar creed near village Revasat Lat 18o 50"15N, Lon 72o 56"31E to a Bridge near Nagothane ST Stand at Lat 18o 32"20N, Lon 73o 08"0E.
11.	National Waterway 11	Arunawati Aran River System: Bridge on State Highway No. 211 at Lat 20o 13"33N, Lon 77o 33"23E to confluence of Arunawati and Aran rivers near Ratanapur village at Lat 19o 59"31N, Lon 78o 09"38E to confluence of Aran and Penganga rivers near Chimata village at Lat 19o 54"08N, Lon 78o 12"36E.
12.	National Waterway 12	Asi River: Ganga river confluence at Assi Ghat, Varanasi at Lat 25o 17"19N, Lon 83o 0"25E to near Newada, Varanasi at Lat 25o 16"37N, Lon 82o 58"18E.
13.	National Waterway 13	AVM Canal: Poovar Beach at Lat 8o 18"30N, Lon 77o 04"45E to Erayumanthurai Bus Stop at Lat 8o 14"54N, Lon 77o 09"34E.
14.	National Waterway 14	Baitarni River: Dattapur village at Lat 20o 51"45N, Lon 86o 33"30E to confluence with Dhamra river near Laxmiprasad Dha at Lat 20o 45"13N, Lon 86o 49"15E.
	National Waterway 15	Bakreswar Mayurakshi River System: Bakreswar river from Nil Nirjan Dam at Lat 23o 49"31N, Lon 87o 24"59E to confluence of Bakreswar and Mayurakshi rivers near Talgram village at Lat 23o

15.		51°58'N, Lon 88°02'21"E. Mayurakshi river from Talgram village to confluence with Dwarka river near Dakshin Hijal village at Lat 23°58'22"N, Lon 88°09'21"E.
16.	National Waterway 16	Barak River: Lakhipur Ferry Ghat Lat 24°47'18"N, Lon 93°01'16"E to Taker Gram Lat 24°52'34"N, Lon 92°29'21"E.
17.	National Waterway 17	Beas River: Talwara Barrage at Lat 31°57'22"N, Lon 75°53'37"E to confluence of Beas and Sutlej rivers near Harike at Lat 31°09'09"N, Lon 74°58'08"E.
18.	National Waterway 18	Beki River: Elenagamari Lat 26°38'37"N, Lon 90°59'02"E to Brahmaputra confluence at Lat 26°14'24"N, Lon 90°47'21"E.
19.	National Waterway 19	Betwa River: Rirwa Buzurg Dariya at Lat 25°54'17"N, Lon 79°45'06"E to confluence of Betwa and Yamuna rivers near Merapur Daria village at Lat 25°55'11"N, Lon 80°13'08"E.
20.	National Waterway 20	Bhavani River: Bhavani Sagar Dam, Sathyamangalam at Lat 11°28'16"N, Lon 77°06'49"E to confluence of Bhavani and Kaveri rivers at Kaveri river bridge on Salem-Coimbatore Highway: National Highway-47 Lat 11°25'54"N, Lon 77°41'02"E.
21.	National Waterway 21	Bheema River: Barrage (approx 1 km. from Hippargi village) at Lat 17°09'05"N, Lon 76°46'34"E to confluence of Bheema and Krishna rivers at Gundloor Lat 16°24'28"N, Lon 77°17'13"E.
	National Waterway 22	Birupa Badi Genguti Brahmani River System: Birupa Barrage at Choudwar at Lat 20°30'49"N, Lon 85°55'20"E to Confluence of Birupa and Brahmani rivers near Upperkai Pada village at Lat 20°37'36"N, Lon 86°24'19"E including alternative route from, Samaspur village Lat 20°35'41"N, Lon 86°06'32"E to near Kharagpur village Lat 20°38'28"N, Lon 86°17'32"E.

22.		Bramani river from confluence of Birupa and Brhmani rivers near Upperkai Pada village at Lat 20o 37"36N, Lon 86o 24"19E to Bramani river at Katana Lat 20o 39"26N, Lon 86o 44"53E.
23.	National Waterway 23	Budha Balanga River: Barrage (approx 300m from Patalipura village) at Lat 21o 38"13N, Lon 86o 50"53E to confluence of Budha Balanga river with Bay of Bengal at Chandipur Fishing Port Lat 21o 28"12N, Lon 87o 04"12E.
24.	National Waterway 24	Chambal River: Chambal road bridge on National Highway-92 Lat 26o 41"56N, Lon 78o 56"09E to confluence of Chambal and Yamuna rivers at Charakpura village Lat 26o 29"30N, Lon 79o 15"01E.
25.	National Waterway 25	Chapora River: Bride at State Highway No. 124 (1 Km. from Maneri village) Lat 15o 42"47N. Lon 73o 57"23E to Confluence of Chapora river with Arabian Sea at Morjim Lat 15o 36"33N, Lon 73o 44"01E.
26.	National Waterway 26	Chenab River: Chenab road bridge at Lat 33o 05"07N, Lon 74o 48"06E to Bridge near Bhardakalan at Lat 32o 48"12N, Lon 74o 34"53E.
27.	National Waterway 27	Cumberjua River: Confluence of Cumberjua and Zuvari rivers near Cortalim ferry terminal Lat 15o 24"40N, Lon 73o 54"48E to confluence of Cumberjua and Mandovi rivers near Sao Martias Vidhan Parishad Lat 15o 31"26N, Lon 73o 55"34E.
28.	National Waterway 28	Dabhol Creek Vashishti River: Arabian Sea at Dabhol Lat 17o 34"51N, Lon 73o 09"18E to bridge at Pedhe Lat 17o 32"39N, Lon 73o 30"36E.
29.	National Waterway 29	Damodar River: Krishak Setu, Bardhman on State Highway No. 8 at Lat 23o 12"40N, Lon 87o 50"54E to confluence with Hooghly river near Purbha Basudebpur at Lat 22o 21"01N, Lon 88o 05"19E.
	National Waterway 30	Dehing River:

30.		Rail Bridge at Merbil Majuli No. 1 Lat 27°19'25"N, Lon 95°18'45"E to confluence of Dehing and Brahmaputra rivers near village Lachan at Lat 27°15'10"N, Lon 94°40'01"E.
31.	National Waterway 31	Dhansiri/Chathe River: Bridge near Morongi T.E. village Lat 26°24'41"N, Lon 93°53'47"E to Numaligarh Lat 26°42'01"N, Lon 93°35'15"E.
32.	National Waterway 32	Dikhu River: Bridge at Nazira on State Highway No 1 Lat 26°55'18"N, Lon 94°44'27"E to confluence of Dikhu and Brahmaputra rivers at Lat 26°59'58"N, Lon 94°27'42"E.
33.	National Waterway 33	Doyans River: Bridge near Sialmari Lat 26°10'47"N, Lon 93°59'10"E to confluence of Doyans and Subansiri rivers at Lat 26°26'53"N, Lon 93°57'12"E.
34.	National Waterway 34	DVC Canal: Durgapur Barrage Lat 23°28'47"N, Lon 87°18'19"E to Confluence point of DVC canal with Hoogly river near Tribeni Lat 23°0'31"N, Lon 88°24'55"E.
35.	National Waterway 35	Dwarakeswar River: Bridge near Abantika Lat 23°06'55"N, Lon 87°18'47"E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22°40'17"N, Lon 87°46'43"E.
36.	National Waterway 36	Dwarka River: Bridge at Tarapith at Lat 24°06'58"N, Lon 87°47'51"E to confluence with Bhagirathi river near Maugram village at Lat 23°43'53"N, Lon 88°10'51"E.
37.	National Waterway 37	Gandak River: Bhaisaslotal Barrage near Triveni Ghat at Lat 27°26'22"N, Lon 83°54'24"E to Gandak and Ganga rivers confluence at Hajipur Lat 25°39'18"N, Lon 85°10'28"E.
38.	National Waterway 38	Gangadhar River: Pakriguri Bridge on National Highway-31C at Lat 26°27'30"N, Lon 89°51'25"E to Bangladesh Border at Binnachara Point III Lat 26°0'32"N, Lon 89°49'57"E.

39.	National Waterway 39	Ganol River: Bangladesh Border at Mankachar Lat 25o 31"47 N, Lon 89o 51"24 E to bridge near Dolbari at Lat 25o 34"20 N, Lon 90o 03"46 E.
40.	National Waterway 40	Ghaghra River: Faizabad at Lat 26o 47"51 N, Lon 82o 06"46 E to Ghaghra and Ganga river confluence at Manjhi Ghat Lat 25o 44"13 N, Lon 84o 42"03 E.
41.	National Waterway 41	Ghataprabha River: Barrage near Malali Lat 16o 20"01 N, Lon 75o 11"23 E to confluence with river Krishna at Chicksangam Lat 16o 20"13 N, Lon 75o 47"54 E.
42.	National Waterway 42	Gomti River: Bara Imambara, Lucknow Lat 26o 52"21 N, Lon 80o 54"58 E to confluence of Gomti with river Ganga Lat 25o 30"31 N, Lon 83o 10"17 E
43.	National Waterway 43	Gurupur River: Confluence of Netravathi river at Lat 12o 50"44 N, Lon 74o 49"45 E to confluence of Mangalore Port Bridge at Lat 12o 55"35 N, Lon 74o 49"37 E.
44.	National Waterway 44	Ichamati River: Bridge on Border Main Road at Gobra near Bangladesh Border at Lat 22o 53"50 N, Lon 88o 53"49 E to near Bangladesh Border at Bansjhari Mallikpur Lat 22o 39"07 N, Lon 88o 55"35 E.
45.	National Waterway 45	Indira Gandhi Canal: Harike Barrage at Lat 31o 08"33 N, Lon 74o 56"57 E to near Mohangarh Lat 27o 18"37 N, Lon 71o 09"10 E.
46.	National Waterway 46	Indus River: Bridge on highway at Upshi village Lat 33o 49"43 N, Lon 77o 48"56 E to Bridge on Shey-Chuchol road near Shey village Lat 34o 03"35 N, Lon 77o 38"33 E.
47.	National Waterway 47	Jalangi River: Bridge on State Highway No. 14 near Plashipara at Lat 23o 47"47 N, Lon 88o 27"09 E to confluence of Jalangi with Hooghly/Bhagirathi rivers at Nabadwip Lat 23o 24"39 N, Lon 88o 22"48 E.
	National Waterway	Jawai-Luni Rivers and Rann of Kutch:

48.	48	Jawai river from Jalore at Lat 25o 20"37N, Lon 72o 41"09E to Luni river near Gandhav village to Rann of Kutch at Lat 23o 32"54N, Lon 68o 22"27E.
49.	National Waterway 49	Jhelum River: Bridge on highway at Lat 33o 49"26N, Lon 75o 03"50E to Wuler lake, Srinagar at Lat 34o 21"37N, Lon 74o 36"36E.
50.	National Waterway 50	Jinjiram River: Confluence with Brahmaputra river at Tumni Lat 25o 51"51N, Lon 89o 58"57E to Fulerchar Point. III at Brahmaputra river Lat 25o 44"15N, Lon 89o 52"53E.
51.	National Waterway 51	Kabini River: Kabini Dam Lat 11o 58"25N, Lon 76o 21"10E to Beeramballi at Lat 11o 56"10N, Lon 76o 14"18E.
52.	National Waterway 52	Kali River: Kodasalli Dam Lat 14o 55"08N, Lon 74o 32"07E to confluence of Kali river with Arabian Sea near Sadashivgad bridge at Lat 14o 50"31N, Lon 74o 07"21E.
53.	National Waterway 53	Kalyan-Thane-Mumbai Waterway, Vasai Creek and Ulhas River: Arabian Sea at Navi Mumbai Lat 18o 55"50N, Lon 72o 53"22E via Ulhas river to bridge on State Highway No. 76 near Malegaon T. Waredi Lat 19o 02"38N, Lon 73o 19"54E; Bridge on Kalyan-Badlapur road near Kalyan railway yard at Kalyan Lat 19o 14"06N, Lon 73o 08"49E to Kalyan Lat 19o 15"35N, Lon 73o 09"28E; Vasai Creek from Lat 19o 18"54N to Lon 72o 47"30E to Kasheli at Lat 19o 13"23N, Lon 73o 0"21E.
54.	National Waterway 54	Karamnasa River: Bridge at Kakarait Lat 25o 18"11N, Lon 83o 31"38E to confluence of Karamnasa and Ganga rivers at Kutubpur Lat 25o 31"06N, Lon 83o 52"47E.
55.	National Waterway 55	Kaveri Kollidam River: Uratchikottai Barrage at Lat 11o 29"03N, Lon 77o 42"14E to confluence of river Kollidam with Bay of Bengal at Pazhaiyar Lat 11o 21"38N, Lon 79o 49"53E.

55.	National Waterway 56	Kherkai River: Dam near Gangia village at Lat 22o 45"12N, Lon 86o 05"09E to confluence with Subarnrekha river at Jamshedpur Lat 22o 50"13N, Lon 86o 09"37E.
56.	National Waterway 57	Kopili River: Bridge at Banthai Gaon Tinali Bus Stop at Lat 26o 10"41N, Lon 92o 13"05E to confluence with Brahmaputra river at Chandrapur No. 2 Lat 26o 15"07N, Lon 91o 56"49E.
57.	National Waterway 58	Kosi River: Kosi Barrage at Hanuman Nagar Lat 26o 31"40N, Lon 86o 55"29E to Confluence of Kosi with Ganga river at Kursela Lat 25o 24"40N, Lon 87o 15"14E.
58.	National Waterway 59	Kottayam-Vaikom Canal: Kottayam, near Kodimatha at Lat 9o 34"39N, Lon 76o 31"08E to Vechoor joining National Waterway No. 3 at Lat 9o 40"0N, Lon 76o 24"11E.
59.	National Waterway 60	Kumari River: Dam near Amruhasa village at Lat 23o 06"37N, Lon 86o 15"51E to Mukutmanipur Dam at Chiada Lat 22o 57"18N, Lon 86o 44"43E.
60.	National Waterway 61	Kynshi River: Bangladesh Border near Mawpyllum Lat 25o 12"07N, Lon 91o 15"21E to bridge on Nonghyllam-Maweit road at Lat 25o 19"35N, Lon 91o 04"07E.
61.	National Waterway 62	Lohit River: Parasuram Kund at 27o 52"40N, Lon 96o 21"40E to Saikhowa Ghat, Sadiya Lat 27o 47"49N, Lon 95o 38"14E.
62.	National Waterway 63	Luni River: Dam at Jaswantpura Lat 26o 13"35N, Lon 73o 41"20E to Barrage near Malipura Lat 24o 57"04N, Lon 71o 38"02E.
63.	National Waterway 64	Mahanadi River: Sambalpur Barrage at Lat 21o 27"34N, Lon 83o 57"50E to Paradip at Lat 20o 19"38N, Lon 86o 40"17E.
64.		

65.	National Waterway 65	Mahananda River: Bridge near Gosaipur at Lat 25o 26"41N, Lon 88o 05"26E to Bangladesh Border near Adampur at Lat 24o 57"17N, Lon 88o 10"59E.
66.	National Waterway 66	Mahi River: Kadana Dam Lat 23o 18"22N, Lon 73o49"37E to confluence with Gulf of Khambhat near Kavi railway station Lat 22o 10"35N, Lon 72o 30"36E.
67.	National Waterway 67	Malaprabha River: Jakanuru at Lat 15o 49"51N, Lon 75o38"54E to confluence with river Krishna at Kudalasangama Lat 16o 12"30N, Lon 76o 04"16E.
68.	National Waterway 68	Mandovir River: Bridge at Usgaon at Lat 15o 26"42N, Lon 74o03"12E to confluence of Mandovi river with Arabian Sea at Reis Magos Lat 15o 28"32N, Lon 73o 46"46E.
69.	National Waterway 69	Manimutharu River: Manimutharu Dam Lat 8o 39"14N, Lon 77o24"47E to confluence with Tramaraparani river near Aladiur Lat 8o 41"03N, Lon 77o 26"07E.
70.	National Waterway 70	Manjara River: Singur Dam at Lat 17o 44"58N, Lon 77o55"41E to confluence with river Godavari at Kandakurthi at Lat 18o 49"07N, Lon 77o 52"20E.
71.	National Waterway 71	Mapusa/Moide River: Bridge on National Highway-17 at Mapusa Lat 15o 35"21N, Lon 73o 49"17E to confluence point of Mapusa and Mandovi rivers at Porvorim Lat 15o 30"20N, Lon 73o 50"42E.
72.	National Waterway 72	Nag River: Bridge near NIT Colony, Nagpur Lat 21o06"17N, Lon 79o 06"03E to confluence with river Kanhan near Sawangi village at Lat 21o 05"38N, Lon 79o 27"54E.
73.	National Waterway 73	Narmada River: Pandhariya at Lat 21o 57"10N, Lon 74o08"27E to confluence of Narmada with Arabian Sea at Gulf of Khambhat Lat 21o 38"27N, Lon 72o 33"28E.
73.	National Waterway	Netravathi River:

74.	National Waterway 74	Netravathi River: Netravathi Dam, Dharmsthala Lat 12o 57"55N, Lon 75o 22"10E to confluence with Arabian sea at Bengre Lat 12o 50"43N, Lon 74o 49"29E.
75.	National Waterway 75	Palar River: Rail bridge at Virudampattu, Vellore at Lat 12o 56"14N, Lon 79o 07"30E to confluence with Bay of Bengal at Sadurangapattinam Lat 12o 27"52N, Lon 80o 09"13E.
76.	National Waterway 76	Panchagangavali (Panchagangoli) River: Gangoli Port at Lat 13o 38"01N, Lon 74o 40"08E to Bridge at Badakere at Lat 13o 44"50N, Lon 74o 39"15E.
77.	National Waterway 77	Pazhyar River: Bridge near Veerananarayana Mangalam village at Lat 8o 13"49N, Lon 77o 26"27E to confluence with Arabian Sea at Manakudi at Lat 8o 05"15N, Lon 77o 29"08E.
78.	National Waterway 78	Penganga Wardha River System: Confluence of Aran and Penganga rivers near Chimata village at Lat 19o 54"08N, Lon 78o 12"36E to the confluence of Wardha and Pranahita rivers near Ravalli village at Lat 19o 33"59N, Lon 79o 49"0E.
79.	National Waterway 79	Pennar River: Penna Barrage, Pothireddypalem at Lat 14o 28"08N, Lon 79o 59"09E to confluence with Bay of Bengal near Kudithipalem at Lat 14o 35"37N, Lon 80o 11"31E.
80.	National Waterway 80	Ponniyar River: Sathanur Dam at Lat 12o 11"0N, Lon 78o 51"01E to Cuddalore at confluence of Bay of Bengal at Lat 11o 46"22N, Lon 79o 47"42E.
81.	National Waterway 81	Punpun River: Bridge on National Highway-83 near Pakri village Lat 25o 29"50N, Lon 85o 06"19E to confluence with river Ganga at Fatuha Lat 25o 30"50N, Lon 85o 18"17E.
82.	National Waterway 82	Puthimari River: Bridge on National Highway-31 near village Ghopla at Lat 26o 22"01N, Lon 91o 39"11E to confluence with Brahmaputra river near Bamunbori at Lat 26o 15"28N, Lon 91o 20"35E.

83.	National Waterway 83	Rajpuri Creek: Arabian Sea at Rajpuri Lat 18o 18"03N, Lon72o 56"43E to Mhasala at Lat 18o 08"15N, Lon 73o 06"45E.
84.	National Waterway 84	Ravi River: Dam at Gandhiar Lat 32o 35"51N, Lon 75o 59"05E to Ranjeet Sagar Dam at Basoli Lat 32o 26"36N, Lon 75o 43"45E.
85.	National Waterway 85	Revadanda Creek Kundalika River System: Arabian Sea at Revadanda Lat 18o 32"20N, Lon 72o 55"33E to bridge on Roha-Astami Road near Roha Nagar Lat 18o 26"32N, Lon 73o 07"11E.
86.	National Waterway 86	Rupnarayan River: Confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22o 40"17N, Lon 87o 46"43E to confluence with Hooghly river at Geonkhali Lat 22o 12"42N, Lon 88o 03"14E.
87.	National Waterway 87	Sabarmati River: Barrage near Sadoliya Lat 23o 26"50N, Lon72o 48"35E to confluence with Gulf of Khambhat near Khambhat Lat 22o 09"18N, Lon 72o 27"28E.
88.	National Waterway 88	Sal River: Orlim Deusa Bridge Lat 15o 13"11N, Lon 73o57"30E to confluence with Arabian Sea at Mobor Lat 15o 08"32N, Lon 73o 57"0E.
89.	National Waterway 89	Savitri River (Bankot Creek): Bridge near Sape at Lat 18o 05"54N, Lon 73o 20"09E to Arabian Sea at Bankot Lat 17o 58"47N, Lon 73o 01"45E.
90.	National Waterway 90	Sharavati River: Honnavar Port Sea Mouth at Lat 14o 17"56N, Lon 74o 25"27E to link at highway at Gersoppa Lat 14o 14"15N, Lon 74o 39"06E.
91.	National Waterway 91	Shastri River Jaigad Creek: Sangmeshwar at Lat 17o 11"16N, Lon 73o33"03E to confluence with Arabian Sea at Jaigad Lat 17o 19"12N, Lon 73o 12"39E.
91.	National Waterway	Silabati River:

92.	National Waterway 92	Shadali River: Barrage near Shimulia village at Lat 22o 34"53 N, Lon 87o 38"31 E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22o 40"17 N, Lon 87o 46"43 E.
93.	National Waterway 93	Simsang River: Bangladesh Border at Lat 25o 11"05 N, Lon 90o 39"25 E to bridge on National Highway-62 near Nongalbibra Lat 25o 27"20 N, Lon 90o 42"22 E.
94.	National Waterway 94	Sone River: Sone Barrage near Dehri at Lat 24o 50"14 N, Lon 84o 08"03 E to confluence of Sone and Ganga rivers at Lat 25o 42"15 N, Lon 84o 52"02 E.
95.	National Waterway 95	Subansiri River: Gerukamukh Lat 27o 27"03 N, Lon 94o 15"16 E to Brahmaputra confluence at Lat 26o 52"25 N, Lon 93o 54"31 E.
96.	National Waterway 96	Subarnrekha River: Chandil Dam at Lat 22o 58"29 N, Lon 86o 01"14 E to confluence with Bay of Bengal at Lat 21o 33"29 N, Lon 87o 22"59 E.
	National Waterway 97	Sunderbans Waterways: (i) Namkhana at Lat 21o 45"46 N, Lon 88o 13"06 E to Athara Banki Khal Lat 21o 56"57 N, Lon 89o 05"32 E; (ii) Bidya River: Lot No. 124 at Lat 21o 54"43 N, Lon 88o 41"08 E to near Uttar Danga at Lat 22o 11"48 N, Lon 88o 51"55 E; (iii) Chhota Kalagachi (Chhoto Kalergachi) River: Near Rajani ferry ghat Lat 22o 19"57 N, Lon 88o 54"21 E to near Nazat at Lat 22o 26"05 N, Lon 88o 50"12 E; (iv) Gomar River: Near Ramkrishnapur Lat 22o 11"53 N, Lon 88o 44"42 E to near Gosaba Kheya ghat at Lat 22o 10"05 N, Lon 88o 47"37 E; (v) Haribhanga River: Bangladesh Border Lat 21o 53"19 N, Lon 89o 01"24 E to confluence with Jhila river at Lat 21o 58"18 N, Lon 88o 55"08 E; (vi) Hogla (Holgal)-Pathankhali River: Near Parandar Lat 22o 12"22 N, Lon 88o 40"43 E to near Sandeshkhali Ferry Ghat at Lat 22o 21"12 N, Lon 88o 52"48 E;

97.		<p>(vii) Kalindi (Kalandi) River: Bangladesh Border at Hingalganj Lat 22o 28"08 N, Lon 88o 59"46 E to Bangladesh Border near Khosbash at Lat 22o 24"41 N, Lon 88o 58"21 E;</p> <p>(viii) Katakali River: Bangladesh Border near Barunhat Lat 22o 30"31 N, Lon 88o 58"25 E to Lebukhali ferry at Lat 22o 21"45 N, Lon 88o 57"30 E;</p> <p>(ix) Matla River: Bay of Bengal at Lat 21o33"04 N, Lon 88o 38"26 E to Canning ferry ghat at Lat 22o 18"39 N, Lon 88o 40"43 E;</p> <p>(x) Muri Ganga (Baratala) River: Bay of Bengal near Bisalakshnipur Lat 21o 37"52 N, Lon 88o 10"0 E to near Kakdwip at Lat 21o 52"17 N, Lon 88o 09"08 E;</p> <p>(xi) Raimangal River: Hemnagar at Lat 22o 11"41 N, Lon 88o 58"01 E to Rajnagar at Lat 22o 33"57 N, Lon 88o 56"17 E;</p> <p>(xii) Sahibkhali (Sahebkhali) River: Near Ramapur Lat 22o 17"52 N, Lon 88o 56"35 E to Bangladesh Border near Khosbash at Lat 22o 24"41 N, Lon 88o 58"21 E;</p> <p>(xiii) Saptamukhi River: Bay of Bengal at Henry Island Lat 21o 34"57 N, Lon 88o 19"08 E to near Chintamanipur at Lat 21o 51"14 N, Lon 88o 18"41 E;</p> <p>(xiv) Thakurran River: Bay of Bengal at Lat 21o33"32 N, Lon 88o 27"45 E to Madhabpur at Lat 22o 02"52 N, Lon 88o 33"28 E;</p>
98.	National Waterway 98	Sutlej River: Sunni Road Bridge at Lat 31o 14"45 N, Lon 77o 07"34 E to Harike Dam at Lat 31o 08"33 N, Lon 74o 56"57 E.
99.	National Waterway 99	Tamaraparani River: Sulochana Mudalir bridge, Tirunelveli Lat 8o43"43 N, Lon 77o 42"54 E to confluence with Bay of Bengal near Punnaikayal at Lat 8o 38"25 N, Lon 78o 07"38 E.
100.	National Waterway 100	Tapi River: Hatnur Dam Near Mangalwadi Lat 21o 04"22 N, Lon 75o 56"45 E to Gulf of Khambhat (Arabian Sea) at Lat 21o 02"16 N, Lon 72o 39"30 E.
	National Waterway 101	Tizu and Zungki Rivers: Longmatra at Lat 25o 46"12 N, Lon 94o44"35 E to Avanghku at Myanmar border Lat 25o 35"03 N, Lon

101.		94o 53"06E and in Zungki river from bridge at Lat 25o 48"26N, Lon 94o 46"36E to confluence of Zungki and Tizu rivers at Lat 25o 46"58N, Lon 94o 45"21E.
102.	National Waterway 102	Tlwan (Dhaleswari River): Khamrang near National Highway-54 Lat 23o55"22N, Lon 92o 39"08E to Bridge on National Highway-154 at Gharmura Lat 24o 17"19N, Lon 92o 31"0E.
103.	National Waterway 103	Tons River: Bridge on National Highway-27 near Chakghat at Lat 25o 02"05N, Lon 81o 43"45E to Ganga confluence at Sirsa Lat 25o 16"32N, Lon 82o 05"0E.
104.	National Waterway 104	Tungabhadra River: Bridge on State Highway No. 29 near ChikkaJantakal village at Lat 15o 24"33N, Lon 76o 35"13E to confluence with river Krishna near village Murva Konda at Lat 15o 57"20N, Lon 78o 14"30E.
105.	National Waterway 105	Udayavara River: Arabian Sea Mouth at Malpe Lat 13o 20"57N, Lon 74o 41"28E to Bridge near Manipura Lat 13o 17"33N, Lon 74o 46"26E
106.	National Waterway 106	Umngot (Dwaki) River: Bangladesh Border near Larbamon Lat 25o11"07N Lon 92o 0"54E to Nongryngkoh at Lat 25o 19"05N, Lon 92o 02"20E.
107.	National Waterway 107	Vaigai River: Barrage near Anai Patti at Lat 10o 05"19N, Lon 77o 51"10E to Viragnoor Dam at Lat 9o 53"52N, Lon 78o 10"34E.
108.	National Waterway 108	Varuna River: Road bridge near Kuru at Lat 25o 23"15N, Lon 82o 44"07E to Ganga confluence at Saray Mohana, Varanasi Lat 25o 19"45N, Lon 83o 02"41E.
109.	National Waterway 109	Wainganga Pranahita River System: Bridge near Chandapur village at Lat 20o0"30N, Lon 79o 47"08E to confluence of river Godavari at Kaleshwaram Lat 18o 49"33N, Lon 79o 54"33E.
	National Waterway 110	Yamuna River: Jagatpur (6km upstream of Wazirabad Barrage) Delhi Lat 28o 45"28N, Lon 77o 13"50E to confluence of

110.		Yamuna and Ganga rivers at Sangam, Allahabad at Lat 25° 25' 24" N, Lon 81° 53' 20" E
111.	National Waterway 111	Zuari River: Sanvordem bridge Lat 15° 16' 15" N, Lon 74° 07' 11" E to Marmugao Port Lat 15° 25' 55" N, Lon 73° 48' 13" E.