The National Waterways Act, 2016

UNION OF INDIA India

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Act 17 of 2016

- Published in Gazette 17 on 25 March 2016
- Assented to on 25 March 2016
- Commenced on 25 March 2016
- [This is the version of this document from 25 March 2016.]
- [Note: The original publication document is not available and this content could not be verified.]

The National Waterways Act, 2016[Act No. 17 of 2016][25th March, 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 date 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.

See Section 2

Sl. National No. Waterways Limits of the National Waterways

1 2 3

National Allahabad-Haldia Stretch of the Ganga--Bhagirathi-Hooghly Rivers with the Waterway 1 following limits, namely:--

Sl. National No. Waterways

Limits of the National Waterways

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.

National 2 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 3

Kollam-Kozhikode Stretch of West Coast Canal and Champakara and Waterway 3 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 Kollam jetty.

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.

The Udyogmandal Canal starting from the confluence with West Coast Canal and ending at the Padalarn road bridge (Eloor-Edayar).

Kakinada-Puducherry Stretch of Canals and the Kaluvelly Tank,

National 4

Nashik-Bhadrachalam-Rajahmundry Stretch of River Godavari and Bridge near Waterway 4 village Galagali-Wazirabad-Vijayawada Stretch of River Krishna with the following limits, namely:--

Kakinada-Puducherry canal

(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)

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;

Southern limit: Junction of East Coast Highway and

Chinnakalawari-Kanakachettikulam road at Kanakachettikulam which is the end

Sl. National No. Waterways

Limits of the National Waterways

point of the artificial canal link to Kaluvelly tank at Lat 20°0' 07" N, Lon 79°52' 12" E.

River Godavari

Western limit: Road bridge on Mumbai-Agra Highway at Nashik across river Godavari at Lat 20°0′ 07" N, Lon 73°48′ 12" E;

Eastern limit: Sir Arthur Cotton barrage across river Godavari at Dowlaiswaram, Rajahmundry at Lat 16°56′ 05" N, Lon 81°45′ 32" E.

River Krishna

Western limit: Bridge near village Galagali Lat 16°25′28″ N, Lon 75°26′19″ E.

Eastern limit: Prakasam barrage across river Krishna at Vijayawada at Lat 16°30' 18" N, Lon 80°36' 23" E.

National 5

Talcher-Dhamra Stretch of Brahmani-Kharsua-Tantighai-Pandua Nala-Dudhei Nala-Kani Dhamra-river system, Geonkhali-Charbatia Stretch of East Coast Waterway 5 Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers with the following limits, namely:--

> East Coast Canal and Matai river (Consisting of old Hijli tidal canal, Orissa coast canal and Matai river)

Northern limit: Confluence point of Hooghly river and Hijli tidal canal at Geonkhali at Lat 22°12′20″ N, Lon 88°03′07″ E;

Southern limit: Confluence of Matai river and Dhamra river near Dhamra Fishing harbour at Lat 20°47' 42" N, Lon 86°53' 03" E.

Brahmani-Kharsua-Dhamra river system (Consisting of

Brahmani-Kharsua-Tantighai-Pandua Nala-Dudhei Nala-Kani-Dhamra rivers)

North-Western limit: Samal barrage across river Brahmani, Talcher at Lat 21004' 26" N, Lon 86008' 05" E;

South-Eastern limit: An imaginary line drawn across Dhamra river at East Point of Kalibhanj Dian Reserved Forest near Chandnipal at Lat 20046' 26" N, Lon 86057' 15" E.

Mahanadi delta rivers (Consisting of Hansua river, Atharabanki Creek, Nuna nala, Gobri nala, Kharnasi river and Mahanadi river)

(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 20036' 55"N, Lon 86045' 05" E;

Southern limit: An imaginary line in continuation to the Northern break water structure across the entrance channel at Paradip Port at Lat 20015' 38"N, Long 860' 40' 55" E.

No. Waterways

Limits of the National Waterways

National

6 Waterway 6

Aai River:

Upstream of Bridge at Adalguri No. 3 at Lat 26033'32"N, Lon 90034'01"E to confluence with Brahmaputra river at Lat 26012'50"N, Lon 90036'24"E (4.7km upstream of Naranarayan Setu at Jogighopa).

National 7

Waterway 7

Ajoy (Ajay) River:

Bridge on Morgram-Panagarh State Highway No. 14 at Illambazar Lat 23036'56"N, Lon 87031'58"E to confluence of river Ajoy with river Bhagirathi at Lat 23039'23"N, Lon 88007'57"E at Katwa.

8 National

Waterway 8

Alappuzha-Changanassery Canal:

Boat Jetty, Alappuzha at Lat 9030'03"N, Lon 76020'37"E to Changanassery Jetty at Lat 9026'42"N, Lon 76031'42"E.

National

9

Waterway 9

Alappuzha-Kottayam Athirampuzha Canal:

Boat Jetty, Alappuzha at Lat 9030'03"N, Lon 76020'37"E to Athirampuzha market Lat 9040'04"N, Lon 76031'54"E.

National

10 Waterway

Amba River:

10

Arabian Sea, Dharamtaar creed near village Revas at Lat 18050'15"N, Lon 72056'31"E to a Bridge near Nagothane ST Stand at Lat 18032'20"N, Lon 73008'0"E.

National

11 Waterway

Arunawati Aran River System:

11

Bridge on State Highway No. 211 at Lat 20013'33"N, Lon 77033'23"E to confluence of Arunawati and Aran rivers near Ratanapur village at Lat 19059'31"N, Lon 78009'38"E to confluence of Aran and Penganga rivers near Chimata village at Lat 19054'08"N, Lon 78012'36"E.

National

12 Waterway

Asi River:

12

Ganga river confluence at Assi Ghat, Varanasi at Lat 25017'19"N, Lon 8300'25"E to near Newada, Varanasi at Lat 25016'37"N, Lon 82058'18"E.

National

13 Waterway AVM Canal:

No. Waterways

Limits of the National Waterways

Poovar Beach at Lat 8018'30"N, Lon 77004'45"E to Erayumanthurai Bus Stop at Lat 8014'54"N, Lon 77009'34"E.

National

14 Waterway

Baitarni River:

14

Dattapur village at Lat 20051'45"N, Lon 86033'30"E to confluence with Dhamra river near Laxmiprasad Dia at Lat 20045'13'N, Lon 86049'15"E. |- | 15 || National Waterway 15 || Bakreswar Mayurakshi River System: |- | || || Bakreswar river from Nil Nirjan Dam at Lat 23049'31"N, Lon 87024'59"E to confluence of Bakreswar and Mayurakshi rivers near Talgram village at Lat 23051'58"N, Lon 88002'21"E. |- | | | | Mayurakshi river from Talgram village to confluence with Dwarka river near Dakshin Hijal village at Lat 23058'22"N, Lon 88009'21"E. |- | 16 || National Waterway 16 || Barak River: |- | || || Lakhipur Ferry Ghat Lat 24047'18"N, Lon 93001'16"E to Tuker Gram Lat 24052'34"N, Lon 92029'21"E. |- | 17 || National Waterway 17 || Beas River: |- | || || Talwara Barrage at Lat 31057'22"N, Lon 75053'37"E to confluence of Beas and Sutlej rivers near Harike at Lat 31009'09"N, Lon 74058'08"E. |- | 18 || National Waterway 18 || Beki River: |- | | | | | Elenagamari Lat 26038'37"N, Lon 90059'02"E to Brahmaputra confluence at Lat 26014'24"N, Lon 90047' 21"E. |- | 19 || National Waterway 19 || Betwa River: |- | | | | | Rirwa Buzurg Dariya at Lat 25054'17"N, Lon 79045'06"E to confluence of Betwa and Yamuna rivers near Merapur Daria village at Lat 25055'11"N, Lon 80013'08"E. |- | 20 || National Waterway 20 || Bhavani River: |-| | | | Bhavani Sagar Dam, Sathyamangalam at Lat 11028'16"N, Lon 77006'49"E to confluence of Bhavani and Kaveri rivers at Kaveri river bridge on Salem-Coimbatore Highway: "National Highway-47 Lat 11025'54"N, Lon 77041'02"E.

National

21 Waterway

Bheema River:

21

Barrage (approx 1 km from Hippargi village) at Lat 17009'05"N, Lon 76046'34"E to confluence of Bheema and Krishna rivers at Gundloor Lat 16024'28"N, Lon 77017'13"E.

National

22 Waterway

Birupa Badi Genguti Brahmani River System:

22

Birupa Barrage at Choudwar at Lat 20030'49"N, Lon 85055'20"E to Confluence of Birupa and Brahmani rivers near Upperkai Pada village at Lat 20037'36"N, Lon 86024'19"E including alternative route from, Samaspur village Lat 20035'41"N, Lon 86006'32"E to near Kharagpur village Lat 20038' 28"N, Lon 86017'32"E.

No. Waterways

Limits of the National Waterways

Bramani river from confluence of Birupa and Brhmani rivers near Upperkai Pada village at Lat 20037'36"N, Lon 86024'19"E to Bramani river at Katana Lat 20039'26"N, Lon 86044'53"E.

National

23 Waterway

Budha Balanga River:

23

Barrage (approx 300m from Patalipura village) at Lat 21038'13"N, Lon 86050'53"E to confluence of Budha Balanga river with Bay of Bengal at Chandipur Fishing Port Lat 21028'12"N, Lon 87004'12"E.

National

24 Waterway

Chambal River:

24

Chambal road bridge on National Highway-92 Lat 26041'56"N, Lon 78056'09"E to confluence of Chambal and Yamuna rivers at Charakpura village Lat 26029'30"N, Lon 79015 '01"E.

National

25 Waterway

Chapora River:

25

Bride at State Highway No. 124 (1Km from Maneri village) Lat 150'42'47"N. Lon 73057'23"E to Confluence of Chapora river with Arabian Sea at Morjim Lat 15036'33"N, Lon 73044'01"E.

National

26 Waterway

Chenab River:

26

Chenab road bridge at Lat 33005'07"N, Lon 74048'06"E to Bridge near Bhardakalan at Lat 32048'12"N, Lon 74034'53"E.

National

27 Waterway27

Cumberjua River:

Confluence of Cumberjua and Zuvari rivers near Cortalim ferry terminal Lat 15024'40"N, Lon 73054'48"E to confluence of Cumberjua and Mandovi rivers near Sao Martias Vidhan Parishad Lat 15031'26"N, Lon 73055'34"E.

National

28 Waterway

Dabhol Creek Vashishti River:

28

Arabian Sea at Dabhol Lat 17034'51"N, Lon 73009'18"E to bridge at Pedhe Lat 17032"39"N, Lon 73030'36"E. |- | 29 || National Waterway 29 || Damodar River: |- | || || Krishak Setu, Bardhman on State Highway No. 8 at Lat 23012'40"N, Lon 87050'54"E to confluence with Hooghly river near Purbha Basudebpur at Lat 22021'01"N, Lon 88005'19"E. |- | 30 || National Waterway 30 || Dehing River: |-

Sl. National **No.** Waterways

Limits of the National Waterways

| | | | | Rail Bridge at Merbil Majuli No. 1 Lat 27019'25"N, Lon 95018'45"E to confluence of Dehing and Brahmaputra rivers near village Lachan at Lat 27015'10"N, Lon 94040'01"E. |- | 31 || National Waterway 31 || Dhansiri/Chathe River: |- | | | | Bridge near Morongi T.E. village Lat 26024'41"N, Lon 93053'47"E to Numaligarh Lat 26042'01"N, Lon 93035'15"E. |- | 32 || National Waterway 32 || Dikhu River: |- | || || Bridge at Nazira on State Highway No 1 Lat 26055'18"N, Lon 94044'27"E to confluence of Dikhu and Brahmaputra rivers at Lat 26059'58"N, Lon 94027'42"E. |- | 33 | | National Waterway 33 | | Doyans River: |-| | | | Bridge near Sialmari Lat 26010'47"N, Lon 93059'10"E to confluence of Doyans and Subansiri rivers at Lat 26026'53"N, Lon 93057'12"E. |- | 34 || National Waterway 34 | DVC Canal: |- | | | Durgapur Barrage Lat 23028'47"N, Lon 87018'19"E to Confluence point of DVC canal with Hoogly river near Tribeni Lat 2300'31"N, Lon 88024'55"E. |- | 35 || National Waterway 35 || Dwarakeswar River: |- | | | | Bridge near Abantika Lat 23006'55"N, Lon 87018'47"E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22040'17"N, Lon 87046'43"E. |- | 36 || National Waterway 36 || Dwarka River: |- | || || Bridge at Tarapith at Lat 24006'58"N, Lon 87047'51"E to confluence with Bhagirathi river near Maugram village at Lat 23043'53"N, Lon 88010'51"E. |- | 37 || National Waterway 37 | Gandak River: |- | | | | Bhaisaslotal Barrage near Triveni Ghat at Lat 27026'22"N, Lon 83054'24"E to Gandak and Ganga rivers confluence at Hajipur Lat 25 39018'N, Lon 85010'28"E.

National

38 Waterway

Gangadhar River:

38

Pakriguri Bridge on National Highway-31C at Lat 26027'30"N, Lon 89051'25"E to Bangladesh Border at Binnachara Point III Lat 2600'32"N, Lon 89049'57"E.

National

39 Waterway

Ganol River:

39

Bangladesh Border at Mankachar Lat 25031'47"N, Lon 89051'24"E to bridge near Dolbari at Lat 25034'20"N, Lon 90003'46"E.

National

40 Waterway

Ghaghra River:

40

Faizabad at Lat 26047'51"N, Lon 82006'46"E to Ghaghra and Ganga river confluence at Manjhi Ghat Lat 25044'13"N, Lon 84042'03"E.

National

41 Waterway Ghat

Ghataprabha River:

41

Barrage near Malali Lat 16020'01"N, Lon 75011'23"E to confluence with river

No. Waterways

Limits of the National Waterways

Krishna at Chicksangam Lat 16020'13"N, Lon 75047'54"E.

National

42 Waterway Gomti River:

42

Bara Imambara, Lucknow Lat 26052'21"N, Lon 80054'58"E to confluence of Gomti with river Ganga Lat 25030'31"N, Lon 83010'17"E.

National

43 Waterway Gurupur River:

43

Confluence of Netravathi river at Lat 12050'44"N, Lon 74049'45"E to confluence of Mangalore Port Bridge at Lat 12055'35"N, Lon 74049'37"E.

National

44 Waterway Ichamati River:

44

Bridge on Border Main Road at Gobra near Bangladesh Border at Lat 22053'50"N, Lon 88053'49"E to near Bangladesh Border at Bansjhari Mallikpur Lat 22039'07"N, Lon 88055'35"E.

National

45 Waterway Indira Gandhi Canal:

45

Harike Barrage at Lat 31008'33"N, Lon 74056'57"E to near Mohangarh Lat 27018'37"N, Lon 71009'10"E.

National

46 Waterway Indus River:

46

Bridge on highway at Upshi village Lat 33049'43"N, Lon 77048'56"E to Bridge on Shey-Chuchol road near Shey village Lat 34003'35"N, Lon 77038'33"E.

National

47 Waterway Jalangi River:

47

Bridge on State Highway No. 14 near Plashipara at Lat 23047'47"N, Lon 88027'09"E to confluence of Jalangi with Hooghly/Bhagirathi rivers at Nabadwip Lat 23024'39"N, Lon 88022'48"E.

National Jawai-Luni Rivers and Rann of Kutch: Jawai river from Jalore at Lat 25020'37"N, Waterway Lon 72041'09"E to Luni river near Gandhav village to Rann of Kutchh at Lat

48 23032'54"N, Lon 68022'27"E.

National

49 Waterway Jhelum River:

49

No. Waterways

Limits of the National Waterways

Bridge on highway at Lat 33049'26"N, Lon 75003'50"E to Wuler lake, Srinagar at

Lat 34021'37"N, Lon 74036'36"E.

National

50 Waterway Jinjiram River:

50

Confluence with Brahmaputra river at Tumni Lat 25051'51"N, Lon 89058'57"E to Fulerchar Point. III at Brahmaputra river Lat 25044'15"N, Lon 89052'53"E.

National

51 Waterway Kabini River:

51

Kabini Dam Lat 11058'25"N, Lon 76021'10"E to Beeramballi at Lat 11056'10"N, Lon 76014'18"E.

National

52 Waterway Kali River:

52

Kodasalli Dam Lat 14055'08"N, Lon 74032'07"E to confluence of Kali river with Arabian Sea near Sadashivgad bridge at Lat 14050'31"N, Lon 74007'21"E.

National

53 Waterway Kalyan-Thane-Mumbai Waterway, Vasai

53

Creek and Ulhas River:

Arabian Sea at Navi Mumbai Lat 18055'50"N, Lon 72053'22"E via Ulhas river to bridge on State Highway No. 76 near Malegaon T. Waredi Lat 19002'38"N, Lon 73019'54"E;

Bridge on Kalyan-Badlapur road near Kalyan railway yard at Kalyan Lat 19014'06"N, Lon 73008'49"E to Kalyan Lat 19015'35"N, Lon 73009'28"E; Vasai Creek from Lat 19018'54"N to Lon 72047'30"E to Kasheli at Lat 19013'23"N, Lon 7300'21"E.

National

54 Waterway Karamnasa River:

54

Bridge at Kakarait Lat 25018'11"N, Lon 83031'38"E to confluence of Karamnasa and Ganga rivers at Kutubpur Lat 25031'06"N, Lon 83052'47"E.

National

55 Waterway Kaveri Kollidam River:

55

Uratchikottai Barrage at Lat 11029'03"N, Lon 77042'14"E to confluence of river Kollidam with Bay of Bengal at Pazhaiyar Lat 11021'38"N, Lon 79049'53"E.

56 Kherkai River:

No. Waterways

Limits of the National Waterways

National

Waterway

56

Dam near Gangia village at Lat 22045'12"N, Lon 86005'09"E to confluence with

Subarnrekha river at Jamshedpur Lat 22050'13"N, Lon 86009'37"E.

National

57 Waterway

Kopili River:

57

Bridge at Banthai Gaon Tinali Bus Stop at Lat 26010'41"N, Lon 92013'05"E to confluence with Brahmaputra river at Chandrapur No. 2 Lat 26015'07"N, Lon

91056'49"E.

National

58 Waterway

Kosi River:

58

Kosi Barrage at Hanuman Nagar Lat 26031'40"N, Lon 86055'29"E to Confluence

of Kosi with Ganga river at Kursela Lat 25024'40"N, Lon 87015'14"E.

National

59 Waterway

Kottayam-Vaikom Canal:

59

Kottayam, near Kodimatha at Lat 9034'39"N, Lon 76031'08"E to Vechoor joining National Waterway No. 3 at Lat 9040'0"N, Lon 76024'11"E.

National

60 Waterway

Kumari River:

60

Dam near Amruhasa village at Lat 23006'37"N, Lon 86015'51"E to Mukutmanipur Dam at Chiada Lat 22057'18"N, Lon 86044'43"E.

National

61 Waterway

Kynshi River:

61

Bangladesh Border near Mawpyllum Lat 25012'07"N, Lon 91015'21"E to bridge

on Nonghyllam-Maweit road at Lat 25019'35"N, Lon 91004'07"E.

National

62 Waterway 62

Lohit River:

Parasuram Kund at 27052'40"N, Lon 96021'40"E to Saikhowa Ghat, Sadiya Lat

27047'49"N, Lon 95038'14"E.

National

63 Waterway Luni River:

No. Waterways

Limits of the National Waterways

Dam at Jaswantpura Lat 26013'35"N, Lon 73041'20"E to Barrage near Malipura

Lat 24057'04"N, Lon 71038'02"E.

National

64 Waterway Mahanadi River:

64

Sambalpur Barrage at Lat 21027'34"N, Lon 83057'50"E to Paradip at Lat

20019'38"N, Lon 86040'17"E.

National

65 Waterway Mahananda River:

65

Bridge near Gosaipur at Lat 25026'41"N, Lon 88005'26"E to Bangladesh Border

near Adampur at Lat 24057'17"N, Lon 88010'59"E.

National

66 Waterway Mahi River:

66

Kadana Dam Lat 23018'22"N, Lon 73049'37"E to confluence with Gulf of

Khambhat near Kavi railway station Lat 22010'35"N, Lon 72030'36"E.

National

67 Waterway Malaprabha River:

67

Jakanuru at Lat 15049'51"N, Lon 75038'54"E to confluence with river Krishna at

Kudalasangama Lat 16012'30"N, Lon 76004'16"E.

National

68 Waterway Mandovir River:

68

Bridge at Usgaon at Lat 15026'42"N, Lon 74003'12"E to confluence of Mandovi

river with Arabian Sea at Reis Magos Lat 15028'32"N, Lon 73046'46"E.

National

69 Waterway Manimutharu River:

69

Manimutharu Dam Lat 8039'14"N, Lon 77024'47"E to confluence with

Tramaraparani river near Aladiur Lat 8041'03"N, Lon 77026'07"E.

National

70 Waterway Manjara River:

70

Singur Dam at Lat 17044'58"N, Lon 77055'41"E to confluence with river Godavari

at Kandakurthi at Lat 18049'07"N, Lon 77052'20"E.

71 National Mapusa/Moide River:

Waterway

No. Waterways

Limits of the National Waterways

71

Bridge on National Highway-17 at Mapusa Lat 15035'21"N, Lon 73049'17"E to confluence point of Mapusa and Mandovi rivers at Porvorim Lat 15030'20"N, Lon 73050'42"E.

National

72 Waterway

Nag River:

72

Bridge near NIT Colony, Nagpur Lat 21006'17"N, Lon 79006'03"E to confluence with river Kanhan near Sawangi village at Lat 21005'38"N, Lon 79027'54"E.

National

73 Waterway

Narmada River:

73

Pandhariya at Lat 21057'10"N, Lon 74008'27"E to confluence of Narmada with Arabian Sea at Gulf of Khambhat Lat 21038'27"N, Lon 72033'28"E.

National

74 Waterway

Netravathi River:

74

Netravathi Dam, Dharmsthala Lat 12057'55"N, Lon 75022'10"E to confluence with Arabian sea at Bengre Lat 12050'43"N, Lon 74049'29"E.". |- | 75 || National Waterway 75 | Palar River: |- | | | Rail bridge at Virudampattu, Vellore at Lat 12056'14"N, Lon 79007'30"E to confluence with Bay of Bengal at Sadurangapattinam Lat 12027'52"N, Lon 80009'13"E. |- | 76 || National Waterway 76 | Panchagangavali (Panchagangoli) River: |- | | | | Gangoli Port at Lat 13038'01"N, Lon 74040'08"E to Bridge at Badakere at Lat 13044'50"N, Lon 74039'15"E. |- | 77 || National Waterway 77 || Pazhyar River: |- | || || Bridge near Veeranarayana Mangalam village at Lat 8013'49"N, Lon 77026'27"E to confluence with Arabian Sea at Manakudi at Lat 8005'15"N, Lon 77029'08"E. |-| 78 || National Waterway 78 || Penganga Wardha River System: |- | || || Confluence of Aran and Penganga rivers near Chimata village at Lat 19054'08"N, Lon 78012'36"E to the confluence of Wardha and Pranahita rivers near Ravalli village at Lat 19033'59"N, Lon 79049'0"E. |- | 79 || National Waterway 79 || Pennar River: |- | | | | Penna Barrage, Pothireddypalem at Lat 14028'08"N, Lon 79059'09"E to confluence with Bay of Bengal near Kudithipalem at Lat 14035'37"N, Lon 80011'31"E. |- | 80 || National Waterway 80 || Ponniyar River: |- | | | | Sathanur Dam at Lat 12011'0"N, Lon 78051'01"E to Cuddalore at confluence of Bay of Bengal at Lat 11046'22"N, Lon 79047'42"E. |- | 81 || National Waterway 81 | Punpun River: |- | | | | Bridge on National Highway-83 near Pakri village Lat 25029'50"N, Lon 85006'19"E to confluence with river Ganga at Fatuha Lat 25030'50"N, Lon 85018'17"E. |- | 82 || National Waterway 82 || Puthimari River: |- | || || Bridge on National Highway-31 near village Ghopla at Lat 26022'01"N, Lon 91039'11"E to confluence with Brahmaputra river

No. Waterways

Limits of the National Waterways

near Bamunbori at Lat 26015'28"N, Lon 91020'35"E.".

National

83 Waterway Rajpuri Creek:

83

Arabian Sea at Rajpuri Lat 18018'03"N, Lon 72056'43"E to Mhasala at Lat 18008'15"N, Lon 73006'45"E.

National

84 Waterway Ravi River:

84

Dam at Gandhiar Lat 32035'51"N, Lon 75059'05"E to Ranjeet Sagar Dam at Basoli Lat 32026'36"N, Lon 75043'45"E.

National

85 Waterway Revadanda Creek Kundalika River System:

85

Arabian Sea at Revadanda Lat 18032'20"N, Lon 72055'33"E to bridge on Roha-Astami Road near Roha Nagar Lat 18026'32"N, Lon 73007'11"E.

National

86 Waterway Rupnarayan River:

86

Confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22040'17"N, Lon 87046'43"E to confluence with Hooghly river at Geonkhali Lat 22012'42"N, Lon 88003'14"E.

National

87 Waterway Sabarmati River:

87

Barrage near Sadoliya Lat 23026'50"N, Lon 72048'35"E to confluence with Gulf of Khambhat near Khambhat Lat 22009'18"N, Lon 72027'28"E.

National

88 Waterway Sal River:

88

Orlim Deusa Bridge Lat 15013'11"N, Lon 73057'30"E to confluence with Arabian Sea at Mobor Lat 15008'32"N, Lon 73057'0"E.

National

89 Waterway Savitri River (Bankot Creek):

89

Bridge near Sape at Lat 18005'54"N, Lon 73020'09"E to Arabian Sea at Bankot Lat 17058'47"N, Lon 73001'45"E.

90 National Sharavati River:

Waterway

No. Waterways

Limits of the National Waterways

90

Honnavar Port Sea Mouth at Lat 14017'56"N, Lon 74025'27"E to link at highway at Gersoppa Lat 14014'15"N, Lon 74039'06"E.

National

91 Waterway Shastri River Jaigad Creek:

91

Sangmeshwar at Lat 17011'16"N, Lon 73033'03"E to confluence with Arabian Sea at Jaigad Lat 17019'12"N, Lon 73012'39"E.

National

92 Waterway Silabati River:

92

Barrage near Shimulia village at Lat 22034'53" N, Lon 87038'31"E to confluence of Dwarakeswar and Silai rivers at Pratappur Lat 22040'17"N, Lon 87046'43"E.

National

93 Waterway Simsang River:

93

Bangladesh Border at Lat 25011'05"N, Lon 90039'25"E to bridge on National Highway-62 near Nongalbibra Lat 25027'20"N, Lon 90042'22"E.

National

94 Waterway Sone River:

94

Sone Barrage near Dehri at Lat 24050'14" N, Lon 84008'03"E to confluence of Sone and Ganga rivers at Lat 25042'15"N, Lon 84052'02"E.

National

95 Waterway Subansiri River:

95

Gerukamukh Lat 27027'03" N, Lon 94015'16"E to Brahmaputra confluence at Lat 26052'25"N, Lon 93054'31"E.

National

96 Waterway Subarnrekha River:

96

Chandil Dam at Lat 22058'29" N, Lon 86001'14"E to confluence with Bay of Bengal at Lat 21033'29"N, Lon 87022'59"E.

National

97 Waterway Sunderbans Waterways:

97

(i) Namkhana at Lat 21045'46" N, Lon 88013'06"E to Athara Banki Khal Lat 21056'57"N, Lon 89005'32"E;

Sl. National **No.** Waterways

Limits of the National Waterways

- (ii) Bidya River: Lot No. 124 at Lat 21054'43" N, Lon 88041'08"E to near Uttar Danga at Lat 22011'48"N, Lon 88051'55"E;
- (iii) Chhota Kalagachi(Chhoto Kalergachi) River:

Near Rajani ferry ghat Lat 22019'57" N, Lon 88054'21"E to near Nazat at Lat 22026'05"N, Lon 88050'12"E;

- (iv) Gomar River: Near Ramkrishnapur Lat 22011'53" N, Lon 88044'42"E to near Gosaba Kheya ghat at Lat 22010'05"N, Lon 88047'37"E;
- (v) Haribhanga River: Bangladesh Border Lat 21053'19" N, Lon 89001'24"E to confluence with Jhila river at Lat 21058'18"N, Lon 88055'08"E;
- (vi) Hogla(Holgal)-Pathankhali River: Near Parandar Lat 22012'22" N, Lon 88040'43"E to near Sandeshkhai Ferry Ghat at Lat 22021'12"N, Lon 88052'48"E;
- (vii) Kalindi (Kalandi) River: Bangladesh Border at Hingalganj Lat 22028'08" N, Lon 88059'46"E to Bangladesh Border near Khosbash at Lat 22024'41"N, Lon 88058'21"E;
- (viii) Katakhali River: Bangladesh Border near Barunhat Lat 22030'31" N, Lon 88058'25"E to Lebukhali ferry at Lat 22021'45"N, Lon 88057'30"E;
- (ix) Matla River: Bay of Bengal at Lat 21033'04" N, Lon 88038'26"E to Canning ferry ghat at Lat 22018'39"N, Lon 88040'43"E;
- (x) Muri Ganga (Baratala) River: Bay of Bengal near Bisalakshmipur Lat 21037'52" N, Lon 88010'0"E to near Kakdwip at Lat 21052'17"N, Lon 88009'08"E;
- (xi) Raimangal River: Hemnagar at Lat 22011'41" N, Lon 88058'01"E to Rajnagar at Lat 22033'57"N, Lon 88056'17"E;
- (xii) Sahibkhali (Sahebkhali) River: Near Ramapur Lat 22017'52" N, Lon 88056'35"E to Bangladesh Border near Khosbash at Lat 22024'41"N, Lon 88058'21"E;
- (xiii) Saptamukhi River: Bay of Bengal at Henry Island Lat 21034'57" N, Lon 88019'08"E to near Chintamanipur at Lat 21051'14"N, Lon 88018'41"E;
- (xiv) Thakurran River: Bay of Bengal at Lat 21033'32" N, Lon 88027'45"E to Madhabpur at Lat 22002'52"N, Lon 88033'28"E;

National

98 Waterway

Sutlej River:

98

Sunni Road Bridge at Lat 31014'45" N, Lon 77007'34"E to Harike Dam at Lat 31008'33"N, Lon 74056'57"E.

National

99 Waterway

Tamaraparani River:

No. Waterways

Limits of the National Waterways

Sulochana Mudalir bridge, Tirunelveli Lat 8043'43" N, Lon 77042'54"E to confluence with Bay of Bengal near Punnaikayal at Lat 8038'25"N, Lon 78007'38"E.

National

100 Waterway

Tapi River:

100

Hatnur Dam Near Mangalwadi Lat 21004'22"N, Lon75056'45"E to Gulf of Khambhat (Arabian Sea) at Lat 21002'16"N, Lon 72039'30"E.

National

101 Waterway

Tizu and Zungki Rivers:

101

Longmatra at Lat 25046'12"N, Lon 94044'35"E to Avanghku at Myanmar border Lat 25035'03"N, Lon 94053'06"E and in Zungki river from bridge at Lat 25048'26"N, Lon 94046'36"E to confluence of Zungki and Tizu rivers at Lat 25046'58"N, Lon 94045'21"E.

National

102 Waterway

Tlwang (Dhaleswari River):

102

Khamrang near National Highway-54 Lat 23055'22"N, Lon 92039'08"E to Bridge on National Highway-154 at Gharmura Lat 24017'19"N, Lon 92031'0"E.

National

103 Waterway

Tons River:

103

Bridge on National Highway-27 near Chakghat at Lat 25002'05"N, Lon 81043'45"E to Ganga confluence at Sirsa Lat 25016'32"N, Lon 82005'0"E.

National

104 Waterway

Tungabhadra River:

104

Bridge on State Highway No. 29 near Chikka Jantakal village at Lat 15024'33"N, Lon 76035'13"E to confluence with river Krishna near village Murva Konda at Lat 15057'20"N, Lon 78014'30"E.

National

rationa

105 Waterway Udayavara River:

105

Arabian Sea Mouth at Malpe Lat 13020'57"N, Lon 74041'28"E to Bridge near Manipura Lat 13017'33"N, Lon 74046'26"E.

National

106 Waterway

Umngot (Dwaki) River:

No. Waterways

Limits of the National Waterways

Bangladesh Border near Larbamon Lat 25011'07"N Lon 9200'54"E to

Nongryngkoh at Lat 25019'05"N, Lon 92002'20"E.

National

107 Waterway

Vaigai River:

107

Barrage near Anai Patti at Lat 10005'19"N, Lon 77051'10"E to Viragnoor Dam at

Lat 9053'52"N, Lon 78010'34"E.

National

108 Waterway

Varuna River:

108

Road bridge near Kuru at Lat 25023'15"N, Lon 82044'07"E to Ganga confluence

at Saray Mohana, Varanasi Lat 25019'45"N, Lon 83002'41"E.

National

109 Waterway

Wainganga Pranahita River System:

109

Bridge near Chandapur village at Lat 2000'30"N, Lon 79047'08"E to confluence

of river Godavari at Kaleshwaram Lat 18049'33"N, Lon 79054'33"E.

National

110 Waterway

Yamuna River:

110

Jagatpur (6km upstream of Wazirabad Barrage) Delhi Lat 28045'28"N, Lon

77013'50"E to confluence of Yamuna and Ganga rivers at Sangam, Allahabad at

Lat 25025'24"N, Lon 81053'20"E.

National

111 Waterway

Zuari River:

111

Sanvordem bridge Lat 15016'15"N, Lon 74007'11"E to Marmugao Port Lat

15025'55"N, Lon 73048'13"E.