



NATIONAL SYMBOLS

CATEGORY	SYMBOL	RELATED PERSONS / DETAILS
National Flag of	Horizontal rectangular	Our National Flag was designed by
India	tricolour of India	Mr. Pingali Venkayya of Andhra
	saffron, white and India	Pradesh. It was adopted during a
	green; with the Ashoka	meeting of the Constituent Assembly
	Chakra, a 24-spoke	held on 22 July 1947.
	wheel, in navy blue at	
	its centre	
State Emblem of	An adaptation from the	It is preserved in the Varanasi
India	Sarnath Lion Capital of	Sarnath Museum in India. the
	Ashoka	emblem was officially adopted on 26
		January 1950.
National Anthem of	"Jana Gana Mana"	It was composed in Bengali by poet
India		Rabindranath Tagore. Was adopted
	1	in its Hindi version on 24 January
	A LI	1950. It was first publicly sung on 27
-	7110	December 1911 at the Calcutta (now,
27.11. 1. 0. 1.	//** 1 3 5	Kolkata).
National Song of	"Vande Mataram"	It is a Bengali poem written
India		by Bankim Chandra Chatterjee in
		1870s, which he included in his 1881
		novel Anandamath. The poem was
		composed into song by Rabindranath
		Tagore. The first two verses of the
		song were adopted as the National
		Song of India in October 1937 by
		Congress Working Committee prior to the end of colonial rule in August
		1947. After Independence, it was
		adopted on Jan 24th, 1950.
National Pledge		It was originally written by the
- including i leage		Pydimarri Venkata Subba Rao (an
		author and a bureaucrat) in Telugu
		language in 1962. First it was read in
		the Visakhapatnam in 1963 in a
		school. Later it was translated to
		various regional languages
		various regional languages



		accordingly. The practice of reciting it
		in the schools was introduced in 1965
		on 26th of January
National Currency	Indian Rupee	The Indian rupee symbol is derived
	Tronger roup co	from the Devanagari consonant "र"
		_
		(ra) and the Latin letter "R" was
		adopted in 2010. Udaya Kumar Dharmalingam born 10 October 1978
		in Kallakurichi, Tamil Nadu is the
		designer of the Indian rupee sign. He
		is an assistant professor at IIT
		Guwahati.
National Calendar of	Calendar based on Saka	Usage started officially at 1 Chaitra
India	Era	1879, Saka Era, or 22 March 1957.
		Meghnad Saha was the head of the
		Calendar Reform Committee. The
		"Day of Silence", is a celebration of
		the Saka new year in Bali.
National Animal of	Bengal tiger (Panthera	Adopted in April, 1973. The largest
India	tigris tigris)	carnivore is found only in the Indian
	A633	subcontinent
National River of	River Ganga	It was declared on November 4, 2008.
India		The Ganga is the longest river of
10.		India flowing over 2,510 kms. It
		originates in the snowfields of the
		Gangotri Glacier in the Himalayas as
27.1		the Bhagirathi River.
National Heritage	_	Declared on october 22, 2010 by
Animal of India	(Elephas maximus	Environment Ministry of India.
NT-C1 AC-	indicus)	
National Aquatic Animal of India	Gangetic Dolphin	Declared on 5th October, Guwahati is
Animal of India	(Platanista gangetica)	the first Indian city to have an animal
		Mascot as Gangetic river dolphin, It
		is the first city in India to have a city animal. River dolphin is locally
		known as Sihu
National Bird of	Indian peacock (Pavo	Declared on February 1, 1963. Indian
India	cristatus)	Peacock or Blue Peacock (Pavo
		cristatus).
National Tree of	Indian banyan (Ficus	Adopted on 1950.
India	bengalensis)	*
National Flower of	Lotus (Nelumbo	It is a sacred flower and occupies a
India	nucifera)	unique position in the art and
		mythology of ancient India and has
		been an auspicious symbol of Indian
		culture since time immemorial.
National Fruit of	Mango (Mangifera	The great Moghul emperor Akabar
India	indica)	had planted about 100,000 mango



	1		200000	
			trees in Lakhi Bagh in Darbhanga.	
National Microbe	Lactobacillus		It has been announced on October 18,	
	delbrueckii s	ubsp.	2012 during the International	
	Bulgaricus	_	Conference on 'Biodiversity	
			Conservation and Education for	
			Sustainable Development held at	
			Hyderabad during CoP-11. The	
			microbe was selected by children	
			who had visited the Science	
			Express Biodiversity Special Train.	





LIST OF ENVIRONMENTAL CONVENTIONS			
NAME	YEAR OF ESTABLISHMENT		
Ramsar Convention	1971	 It is called the Convention on Wetlands It was adopted in the city of Iran, Ramsar in 1971. It came into force in 1975. Current Ramsar Sites 54 	
Stockholm Convention	2001	 It is a convention on Persistent Organic Pollutants (POPs) It was adopted in 2001 in Geneva, Switzerland. It came into force in 2004. 	
CITES	1973	 It is a convention on International Trade in Endangered Species of Wild Fauna and Flora It was adopted in 1963. It came into force in 1975. 	
Convention on Biological Diversity	1992	 It is a convention for the conservation of biological diversity. It was adopted in 1992 It came into force in 1993. 	
Bonn Convention	1979	• It is a convention on the Conservation of Migratory Species of Wild Animals.	



Vienna Convention	1985	 It was adopted in 1979. It came into force in 1983. It is a convention
Vienna Convention	1900	 for the Protection of Ozone Layer. It was adopted in 1985. It came into force in 1988.
Montreal Protocol	1987	 It is an international environment protocol on substances that deplete the Ozone Layer. It was adopted in 1987. It came into force in 1989.
Kyoto Protocol	1997	 It is an international protocol to reduce greenhouse gas emissions. It was adopted in 1997. It came into force in 2005.
United Nations Framework Convention on Climate Change (UNFCCC)	1992	It is an international environmental treaty governing actions to combat climate change through adaptation and mitigation efforts directed at control of emission of GreenHouse Gases (GHGs) that cause global warming.



	I		CHENNA
		•	It was adopted in 1992.
		•	It came into force in 1994.
Rio Summit	1992	•	It is a United
			Nations
			Conference on
			Environment and
			Development.
		•	It was held in
			1992 at Rio de
LINICCD	1004		Janeiro, Brazil.
UNCCD	1994	•	It is a United
			Nations Convention to
			Convention to Combat
			Desertification.
			It was adopted in
		67	1994.
		100	It came into force
		- 70	in 1996.
Basel Convention	1989		It is a convention
		7	on the Control of
	VAS	7 13	Transboundary
R LJ F	EN	1	Movements of
	L'E.		Hazardous
	V L		Wastes and their
110	*		Disposal.
SID		•	It was adopted in 1989.
		•	It came into force
	2000	-	in 1992.
Cartagena Protocol on Biosafety	2000	•	It is an
			international
			environmental
			protocol on Biosafety to the
			Convention on
			Biological
			Diversity.
		•	It was adopted in
		_	2000.
		•	It came into force in 2003.
UN-REDD	2008	•	It is a United Nations
			Programme on
			Reducing



			Emissions from
			Deforestation
			and Forest
			Degradation.
		•	It was created in
			2008.
Nagoya Protocol	2010	•	It is an
			international
			environment
			protocol on
			Access to Genetic
			Resources and
			the Fair and
			Equitable
			Sharing of
			Benefits Arising
			from their
			Utilization (ABS)
			to
		W	the Convention
	E 3 7 1	. 10	on Biological
	- Y	- B	Diversity (CBD).
		•	It was adopted in
	VAS	7 /	2010.
	- N	1	It came into force
	CE		in 2014.
COP24	2018	•	It is the 24th
-111	3.		meeting of the
CID			conference of
5			parties (COP) to
			the United
			Nations
			Framework
			Convention on
			Climate Change.
		•	It took place in
			2018.
COP21	2016	•	It is the 21st
			meeting of the
			conference of
			parties (COP) to
			the United
			Nations
			Framework
			Convention on
			Climate Change.
		•	It took place in
			2018.



Kigali Amendment	2016	It is an amendment to
		the Montreal Protocol. It was adopted in 2016.
		It came into force in
		2019.
Minamata Convention	2013	It is an international environmental treaty intended to protect health and the environment from the adverse effects of mercury. It was adopted in 2013.
		• It came into force in 2017.
Rotterdam Convention	1998	 It is an international environmental convention on Prior Informed Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade. It was adopted in 1998. It came into force in 2004.
COP25	2019	 It is the 25th meeting of the Conference of Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC). It took place in 2019.



RIVERS & ORIGINS

RIVER	PLACE OF ORIGIN	
Indus	Mansarovar (Tibet)	
Ganga	Gangotri (Uttarakhand)	
Yamuna	Yamunotri (Uttarakhand)	
Narmada	Maikal Hills, Amarkantak	
INarinaua	(MP)	
Krishna	Mahabaleshwar	
KHSHIIa	(Maharashtra)	
Tapi/Tapti	Satpura Range, Betul (MP)	
Controdu	Brahmagiri Hills, Coorg	
Cauvery	(Karnataka)	
Thamirabharani	Agathiyar Hills (Tamilnadu)	
Godavari	Nasik (Maharashtra)	
Periyar	Cardamom Hills (Kerala)	
Mahanadi	Nagri Town (Chhattisgarh)	
Brahmaputra	Kailash Ranges (Tibet)	
Vaigai	Periyar Plateau (Tamilnadu)	
Chambal	Janapav, Indore, Vindhyas	
Chambai	(MP)	
Luni	Pushkar, Aravalli Hills	
Luni	(Rajasthan)	
Sabarmati	Udaipur, Aravalli Hills	
Savalliali	(Rajasthan)	
D		



LIST OF RIVERS AND THEIR TRIBUTARIES IN INDIA		
RIVER	TRIBUTARIES	
Indus	Jhelum, Chenab, Rabi/Ravi, Beas Sutlej	
Jhelum	Kishanganga	
Ravi	Budhil, Nai or Dhona, Seul, Ujh	
Ganga	Ramganga, Gomti, Ghagghar, Gandak, Kosi, Mahannda, Yamuna, Son, Damodar	
Yamuna	Chambal, Sindh, Betwa, Ken, Tons, Sharda	
Chambal	Banas, Kali Sindh, Shipra, Parbati, Mej	
Brahmaputra	Dibang, Lohit, Dhansiri, Subansiri, Manas, Tista	
Mahanadi	Seonath, Hasdeo, Jonk, Mand, Ib, Ong, Tel	
Damodar	Barakar, Konar	
Narmada	Kolar, Dudhi, Hiran, Bhukhi, Tawa	
Tapti	Purna, Girna, Panzhara, Bori, Aner	
Godavari/ Vriddh Ganga	Indravati, Manjira, Bindusara, Sarbari, Penganga, Pranahita	
Krishna	Tungabhadra, Ghataprabha, Bhima, Vedavati, Koyna, Warna, Dindi, Musi, Dudhganga	
Cauvery/Kaveri/ Dakshin Ganga	Kabini, Hemavathi, Simsha, Arkavathi, Lakshaman Tirtha, Noyyal, Amaravati	



IMPORTANT CITIES & RIVERS

CITY	STATE	RIVER
Agra	Uttar Pradesh	Yamuna
Ahmedabad	Gujarat	Sabarmati
Allahabad	Uttar Pradesh	Confluence of Ganga, Yamuna and Saraswati
Ayodhya	Uttar Pradesh	Sarayu
Badrinath	Uttarakhand	Alaknanda
Bhagalpur	Bihar	Ganga
Bangalore	Karnataka	Vrishabhavathi
Cuttack	Orissa	Mahanadi
Chennai	Tamil Nadu	Cooum, Adyar
Coimbatore	Tamil Nadu	Noyyal
Delhi	Delhi	Yamuna
Dibrugarh	Assam	Brahmaputra
Guwahati	Assam	Brahmaputra
Gaya	Bihar	Falgu (Neeranjana)
Gwalior	Madhya Pradesh	Chambal
Haridwar	Uttarakhand	Ganga
Hyderabad	Telangana	Musi
Jabalpur	Madhya Pradesh	Narmada
Kanpur	Uttar Pradesh	Ganga
Kolkata	West bengal	Hoogly
Kurnool	Andhra Pradesh	Tungabhadra River
Kota	Rajasthan	Chambal
Lucknow	Uttar Pradesh	Gomti
Ludhiana	Punjab	Sutlej
Mathura	Uttar Pradesh	Yamuna
Madurai	Tamil Nadu	Vaigai
Nasik	Maharashtra	Godavari
Pandharpur	Maharashtra	Bhima
Pune	Maharashtra	Mula, Mutha
Patna	Bihar	Ganga
Rourkela	Odisha	Brahmani
Sambalpur	Odisha	Mahanadi
Sri Nagar	Jammu Kashmir	Jhelum
Surat	Gujarat	Tapti
Trichirapalli	Tamil Nadu	Kaveri / Cauveri
Ujjain	Madhya Pradesh	Shipra
Varanasi	Uttar Pradesh	Ganga
Vadodara	Gujarat	Vishwamitri, Mahi, Narmada
Vijaywada	Andhra Pradesh	Krishna



LIST OF WATERFALLS IN INDIA			
WATERFALLS	HEIGHT METRE/FEET	LOCATION AND FEATURE	
Kunchikal Falls	455 metres (1,493 ft)	Shimoga district, Karnataka-Tiered and the highest waterfall in India	
Barehipani Falls	399 metres (1,309 ft)	Mayurbhanj district, Odisha- 2 tiered waterfalls	
Nohkalikai Falls	340m (1115 feet)	East Khasi Hills district, Meghalaya- Tallest plunge waterfalls	
Nohsngithiang Falls or Mawsmai Falls	315 metres (1,033 ft)	East Khasi Hills district, Meghalaya- Segmented type waterfalls	
Dudhsagar Falls	310 m(1017 feet)	Karnataka and Goa- 4 tiered waterfalls	
Kynrem Falls	305 metres (1,001 ft)	East Khasi Hills district, Meghalaya- 3 tiered waterfalls	
Meenmutty Falls	300 metres (984 feet)	Wayanad district, Kerala- 3 tiered waterfalls/ segmented type	
Thalaiyar Falls	297 metres (974 ft)	Batlagundu, Dindigul Tamil Nadu- Horsetail type waterfalls	
Vajrai Falls	260 metres (853 ft)	Satara district, Maharashtra- 3 tiered, 2nd tallest plunge type waterfall	
Barkana Falls	259 metres (850 ft)	Shimoga district, Karnataka- Tiered waterfalls	
Jog Falls	253 metres (830 ft)	Shimoga district, Karnataka- Cascade waterfalls	
Khandadhar Falls	244 metres (801 ft)	Kendujhar district & Sundergarh, Odisha- Horse tail falls	
Vantawng Falls	229 metres (751 ft)	Serchhip district, Mizoram- 2 tiered waterfalls	
Kune Falls	200 metres (660 ft)	Pune district, Maharashtra- 3 tiered waterfalls	
Thoseghar Waterfalls	200 metres (656 feet)	Satara district Maharashtra- 3 tiered waterfalls	
Soochipara Falls	200 metres (656 feet)	Wayanad district, Kerala- 3 tiered waterfalls	



		CHENNA!
		Uttara Kannada,
Magod Falls	198 metres (650 ft)	Karnataka- 2
liviage a rais	150 metres (650 ft)	tiered/Segmented
		waterfalls
Joranda Falls	181 metres (594 ft)	Mayurbhanj, Odisha
		Chikkamagaluru,
Hebbe Falls	168 metres (551 ft)	Karnataka- 2 tiered
		waterfalls
		Koraput (Odisha) and
Duduma Falls	157 metres (515 ft)	Visakhapatnam (Andhra
		Pradesh)- Plunge type
D-1: E-11-	150(400 (1)	Kullu, Himachal Pradesh-
Palani Falls	150 metres (490 ft)	Surge waterfalls
7 11 7 11	(4(0.5)	Latehar, Jharkhand- 2
Lodh Falls	143 metres (469 ft)	tiered waterfalls
		Rewa, Madhya Pradesh- 2
Bahuti Falls	198 metres (650 ft)	tiered waterfalls tallest in
	150 metres (650 ft)	MP
		East Khasi Hills,
Bishop Falls	135 metres (443 ft)	Meghalaya- 3 tiered
bishop rans	133 metres (443 ft)	waterfall
	7	Rewa, Madhya Pradesh-
Chachai Falls	120 matras (420 ft)	Bihad river, comes down
Chachai Falis	130 metres (430 ft)	from Rewa Plateau
Keoti Falls	130 metres (430 ft)	Rewa, Madhya Pradesh-
121		Segmented type
Kalhatti Falls	122 metres (400 ft)	Chikkamagaluru,
12	, ,	Karnataka
D 1 E II	120 (200 (1)	East Khasi Hills,
Beadon Falls	120 metres (390 ft)	Meghalaya- Twin of Bishop
		falls
Keppa Falls	116 metres (381 ft)	Uttara Kannada,
	()	Karnataka- Fan type falls
Koosalli Falls	116 metres (381 ft)	Udupi, Karnataka- 6 tiered
1005dill Tulis	Tro metres (501 it)	waterfall
Dabbe falls	110 metres(360 ft)	Shivamogga, Sagar,
Dabbe fails	110 menes(300 m)	Karnataka
Pandaygad Falls	107 motros (351 ft)	Thane, Maharashtra-
Pandavgad Falls	107 metres (351 ft)	Plunge waterfall
		Hoshangabad, Madhya
Rajat Prapat	107 metres (351 ft)	Pradesh- Horeseshoe
		category
Bundla Falls	100 metres (330 ft)	Kaimur, Bihar
		Serchhip, Mizoram- 2 tiered
Vantawng Falls	230 metres (750 ft)	waterfalls
		Chamarajanagar,
Shivanasamudra Falls	98 metres (322 ft)	Karnataka- Segmented falls
Lower Ghaghri Falls	98 metres (322 ft)	Latehar, Jharkhand-
Lower Griagilii Falis	70 menes (344 m)	Laterial, Juai Mianu-



		cascade falls
Hundru Falls	00 m atrica (222 ft)	Ranchi, Jharkhand-
	98 metres (322 ft)	Segmented
Sweet Falls	96 metres (315 ft)	East Khasi Hills,
Sweet Falls	96 metres (313 ft)	Meghalaya- horsetail type
		Namakkal, Tamil Nadu- 1
Agaya Gangai	92 metres (302 ft)	tiered/segmented
		waterfalls
Gatha Falls	91 metres (299 ft)	Panna district, Madhya
Gatta Faiis	91 metres (299 ft)	Pradesh
Teerathgarh Falls	91 metres (299 ft)	Baster, Chhattisgarh- Block
recratigativalis	71 metres (277 ft)	type Waterfall
Kiliyur Falls	91 metres (299 ft)	Yercaud, Tamil Nadu- fan
Killy di Talis	71 metres (277 ft)	type waterfall
Kudumari Falls	91 metres (299 ft)	Udupi, Karnataka-
		Horsetail type waterfall
Muthyala Maduvu Falls	91 metres (299 ft)	Bangalore rural, Karnataka
Tirathgarh Falls	91 metres (299 ft)	Bastar, Chhattisgarh
Langshiang Falls	85 metres (279 ft)	West Khasi Hills,
Earlgsmang Lans	00 metres (27 7 ft)	Meghalaya
Talakona falls	82 metres (269 ft)	Chittoor, Andhra Pradesh-
Talakolla lalis	82 metres (269 ft)	Highest in AP
Kakolat Falls	50 metres (160 ft)	Nawada, Bihar- Cataract
Nakolat Falis	30 metres (100 ft)	type
Athirappilly Falls	25 metres (82 ft)	Thrissur, Kerala-
		Block/Segmented type
	21	waterfall
11		
C 1 1		
12		



IMPORTANT PORTS IN INDIA

ZONE	STATE	PORT	FEATURES
Eastern Coast	Tamil Nadu	Chennai	Artificial Port
			Second busiest port
Western	Kerala	Kochi	Sited in the Vembanad
Coast			lake
			Exports of spices and
			salts
Eastern Coast	Tamil Nadu	Ennore	India's First corporatized
			port
Eastern Coast	West Bengal	Kolkata	India's only major
			Riverine port
			Situated on Hugli river
			Known as Diamond
			Harbour
Western	Gujarat	Kandla	Known as Tidal Port
Coast			Acknowledged as Trade
Coust			Free Zone
			Largest port by volume
			of cargo handled.
Western	Karnataka	Mangalore	Deals with the iron ore
Coast	ramatana	Wangalore	exports
Western	Goa	Mormugao	Situated on the estuary
Coast		Wielliague	of the river Zuari
Western	Maharashtra	Mumbai Port Trust	Largest Natural Port and
Coast	TVICITAL COLLEGE	Trainbur Tore Traise	harbour In India
	TU		The busiest port in India
Western	Maharashtra	Jawaharlal Nehru Port	Largest Artificial Port
Coast		Trust (JNPT) also known as	e e
		Nhava Sheva, Navi	U
		Mumbai	
Eastern Coast	Odisha	Paradip	Natural Harbor
		- · · · · · · · · · · · · · · · · · · ·	deals with the export of
			iron and aluminium
Eastern Coast	Tamil Nadu	Tuticorin	
			, _
			_
Eastern Coast	Andhra	Visakhapatnam	1
			1 1
			_
			_
			_
	<u> </u>	Port Blair	
Eastern Coast Eastern Coast	Tamil Nadu Andhra Pradesh	Visakhapatnam	A major port in south India deals with the fertilizer and petrochemical products Deepest port of Indial deals with the export of iron ore to Japan Amenities for building and fixing of ships are available



	Nicobar		the mainland of India
	Islands		through ship and flight.
			This port is situated in
			between two
			international shipping
			lines namely Saudi
			Arabia & US Singapore.
Eastern Coast	Tamil Nadu	Chennai	Artificial Port
			Second busiest port

RIVER PROJECTS & STATES

1. Bhakhra Nangal Project:

States: Punjab, Haryana, Rajasthan

- It's a joint venture of Punjab, Haryana, Rajasthan.
- It is India's biggest multi-purpose river valley project so far completed at a cost of Rs.236 Cr.
- It consists of a straight gravity dam, 518 mts long & 226 mts high across the Sutlej at Bhakhra.
- The Bhakhra dam impounds 986.8 Cr cubic mts of water.
- The canal system of the project is now irrigating 14.8 lakh hectares.
- It generates 1204 MW electricity.

2. Chambal Project:

States: Madhya Pradesh, Rajasthan

- The Chambal project being jointly executed by M.P & Rajasthan.
- In the 1st stage, the Gandhi Sagar dam & its 115 MW power station & the Kota barrage were completed.
- The Rana Pratap Sagar dam with a power house of 172 MW capacities was constructed in the 2nd stage.
- The 3rd stage comprises the construction of the Jawahar Sagar dam & 99 MW power stations.
- With the completion of all the stages, the project will generate 386MW of power.

3. Damodar Valley Project:

States: Jharkhand, West Bengal



- This project conceived for the unified development of irrigation, flood control & power generation in W.B & Jharkhand.
- The project is administered by the Damodar Valley Corporation established in 1948.
- The irrigation potential of the project is about 5.51 lakh hectares & its installed power generation capacity is 1181MW.
- It is designed on the lines of Tennesse Valley Authority in the USA.

4. Farakka Barrage:

State: West Bengal

- It consists of a barrage across the Ganaga at Farakka, another barrage at Jangipur across the Bhagirathi, a 39 km long feeder canal taking off from the right bank of teh Ganga, at Farakka & tailing into the Bhagirathi below the Jangipur Barrage.
- Road cum Rail Bridge over the Farakka barrage has already been completed.
- The basic Aim of Farakka barrage is to preserve & mountain Calcutta port & to improve the navigatability of the Hooghly River.
- Farakka is to use 40,000 cusecs of Water out of water stored in the dam to flush the Calcutta port which is get silted up.

5. Indira Gandhi Canal:

- It is one of the biggest irrigation projects in the world.
- Began in 1958 as Rajasthan Canal
- It will provide irrigation facility to N.W region of Rajasthan a part of Thar Desert.
- The project which uses water from the Pong dam consists of 215 km long Rajasthan feeder canal & 445 km long Rajasthan main canal lying entirely in Rajasthan.
- The project will ultimately irrigate about 14.5 lakh hectares.

6. Hirakud Project:

State: Orissa

- The 4801.2 mts long main Hirakud dam in Orissa is on the river Mahanadi.
- Its world's longest dam.
- The project migrate irrigation an area of 11.98 lakh hectares.
- Its present installed power generation capacity is 27.2MW.

7. Kakrapura project:

State: Gujarat

- It is on the river Tapti, 80km upstream of surat,
- It is being built by Gujarat government
- A 621 mts long & 14 mts high weir near Kakrapara in Surat district was completed in 1963.



8. Koyna project:

State: Maharashtra

- It is on the river Koyna & has been built by the Government of Maharashtra.
- It comprises the construction of a 208 ft. high dam

9. Nagarjuna Sagar project:

State: Andhra Pradesh

- It is undertaking of the government of A.P. for utilizing the water of the Krishna River.
- It was inaugurated on August 4 1967.
- It is suited near Nandikonda Village in Miryalguda Taluk of Nalagonda District.
- It is of 1450 mts long & 92 mts high dam.
- The project will ultimately irrigate about 8.95 lakh hectares.

10. Rihand project:

State: U.P

This project comprises construction of a concrete gravity dam across the Rihand River in Mirzapur district U.P. & a power house at Pipri & necessary transmission lines.

11. Thien Dam:

State: Punjab

• A 147 mts high dam built by the Punjab government at Thien Village acorss the Ravi 25 km. upstream of Madhopur head works

CEN

• It will irrigate 8 lakh hectares land & generate 600MW power renamed as Ranjit Sagar dam it was dedicated to the nation on March 4 2001 by Prime Minister Atal Behari Vajpayee.

12. Tungabhadra project:

States: Karnataka & Andhra Pradesh

- It is a joint undertaking by the government of A.P & Karnataka.
- It comprises a 2441 mt long & 49.38 high dam the river Tungabhadra near Malipuram.
- It irrigates about 10.22 hectres land.



LIST OF IMPORTANT NATIONAL HIGHWAYS IN INDIA

Old National Highway Number	New National Highway Number	States	
NH 1 A and NH	NH1	Jammu & Kashmir	
1 D			
NH 1 B	NH 244	Jammu & Kashmir	
NH 2	NH 19 (Golden	Bihar, Delhi, Haryana, Jharkhand, Uttar Pradesh,	
	Quadrilateral)	West Bengal	
NH 2A	NH 519	Uttar Pradesh	
NH 2B	NH 114	West Bengal	
NH 3	NH 60	Maharashtra	
NH 50			
NH 223	NH 4	Andaman & Nicobar Islands	
NH 4 A	NH 748	Goa, Karnataka	
NH 4 B	NH 348	Maharashtra	
NH 5	NH 16 (Golden	Andhra Pradesh, Odisha, Tamil Nadu, West	
NH 6	Quadrilateral)	Bengal	
NH 60			
NH 217		- RE	
NH7	NH 135	Madhya Pradesh, Uttar Pradesh	
NH 7 A	NH 138	Tamil Nadu	
NH 8	NH 48 (Golden	Delhi, Gujarat, Haryana, Karnataka, Maharashtra,	
	Quadrilateral)	Rajasthan, Tamil Nadu	
NH 8 A	NH 41	Gujarat	
NH 8 C	NH 147	Gujarat	
NH 8 D	NH 151	Gujarat	
NH 9	NH 65	Andhra Pradesh, Maharashtra, Karnataka,	
		Telangana	
NH 11	NH 21	Rajasthan, Uttar Pradesh	
NH 11 A	NH 148	Rajasthan	
NH 12	NH 45	Madhya Pradesh, Chattisgarh	
NH 18	NH 40	Andhra Pradesh, Tamil Nadu	
NH 4			
NH 21	NH 5	Haryana, Chandigarh, Himachal Pradesh, Punjab	
NH 22			
NH 95			
NH 23	NH 320	Jharkhand	
NH 24	NH 530	Uttar Pradesh	
NH 30	NH 319	Bihar	
NH 35	NH 112	West Bengal	
NH 39	NH 129 Assam, Nagaland		
NH 47	NH 544	Kerala, Tamil Nadu	
NH 47 A	NH 966 B	Kerala	



NH 47 C	NH 966 A	Kerala
NH 55	NH 110	West Bengal
NH 56	NH 731	Uttar Pradesh
NH 79	NH 156	Rajasthan
NH 152	NH 127 A	Assam
NH 38 & NH	NH 315	Assam, Arunachal Pradesh
153		

POPULAR TRIBES AROUND THE WORLD

NAMES OF THE TRIBE	COUNTRY
Aleuts	Alaska
Bedouin	Sahara and Middle East
Ainus	Japan
Bushmen	Kalahari
Bindibu or Aborigines	Australia
Chukchi	North-East Asia, Russia, North Siberia
Fulani	Western Africa
Eskimos	Greenland, North Canada, Alaska, North Siberia
Mongols	Gobi Mangolia
Guicas	Amazon forest area
Hausa	North Nigeria
Yoakuts	Siberia
Turregs	Sahara
Tapiro	Papua New Guinea
Red Indian	North America
Semangs	East Sumatra
Pygmies	Congo basin, Zaire
Orang Alsi	Malaysia
Meos	Myanmar
Masai	East & Central Africa
Maoris	New Zealand
Hotten tots	Hot tropical Africa
Kalmuk	Central Asia
Ibanas	Equatorial rain forest region of South-East Asia
India Tribes	Amazon basin
Kazakhs	Kazakhstan
Kirghiz	Asiatic steppes
Koryakas	North Siberia, Eurasian
Lapps	North Finland, Scandinavian country



OPERATIONAL WATERWAYS IN INDIA

National Waterway (NW) No.	Length (km)	Location (S)		
NW-1: Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)	1620	Uttar Pradesh, Bihar, Jharkhand, West Bengal		
NW-2: Brahmaputra River (Dhubri - Sadiya)	891	Assam		
NW-3: West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals	205	Kerala		
NW-4: Phase-1development of the stretch Muktiyala to Vijyawada of river Krishna	82	Andhra Pradesh		
Waterv	vays in Maharashtra			
NW-10 (Amba River)	45			
NW-83 (Rajpuri Creek)	31			
NW-85 (Revadanda Creek - Kundalika River System)	31	Maharashtra		
NW-91 (Shastri river–Jaigad creek system)	52			
National Waterways in Goa				
NW-68 - Mandovi - Usgaon Bridge to Arabian Sea (41 km)	41	Goa		
NW-111 – Zuari– Sanvordem Bridge to Marmugao Port (50 km).	50	Goa		
National Waterways in Gujarat				
NW-73 - Narmada river	226	Gujarat &Maharastra		
NW-100- Tapi river	436	Gujarat Wiviariarastra		
Sunderbans Waterways (NW-97): Namkhana to AtharaBankiKhal in West Bengal.	172	West Bengal (through Indo-Bangladesh Protocol Route)		