

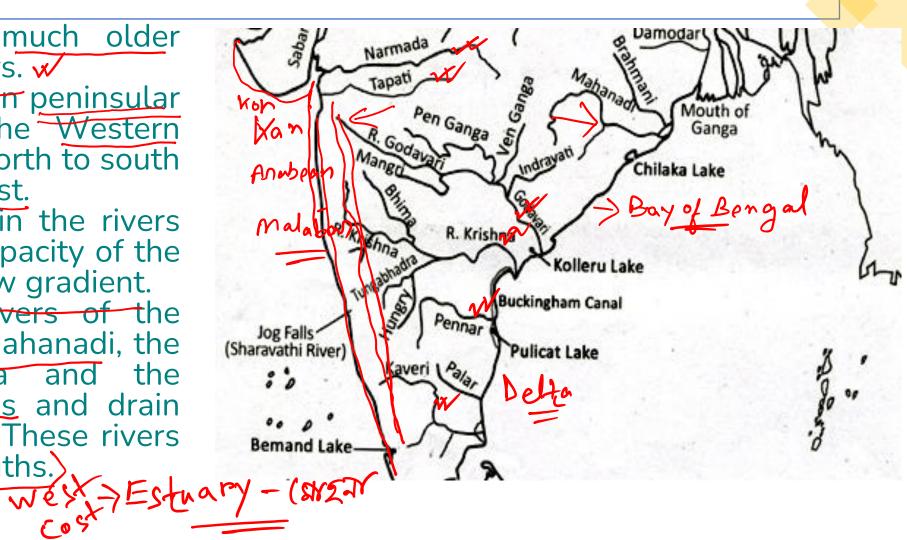
🔊 Mahe<u>ndra</u>'s

INTRODUCTION

Peninsula rivers are much older than the Himalayan rivers.
The main water divide in peninsular

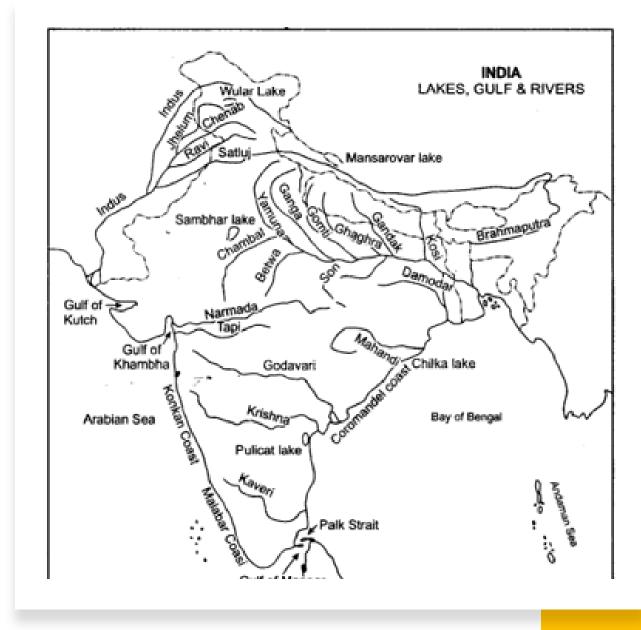
rivers is formed by the Western Ghats, which run from north to south close to the western coast.

The velocity of water in the rivers and the load carrying capacity of the streams is low due to low gradient.
Most of the major rivers of the peninsula such as the Mahanadi, the Godavari, the Krishna and the Cauvery flow eastwards and drain into the Bay of Bengal. These rivers make deltas at their mouths.)



FACTS

 But the west flowing rivers of Narmada and Tapi as well as those Topi originating from the Western Ghats and falling in the Arabian Sea form estuaries in place of deltas.

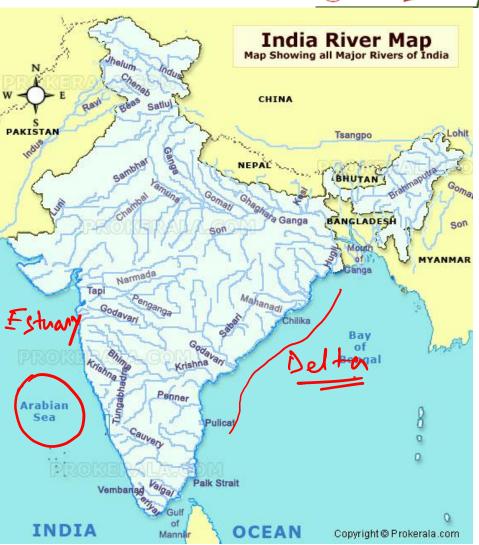




Mahendra's		WAT	ERFALLLS	Kurchikal (Varahi)
	RIVERS		- WATE	RFALLS
Ī	🖲 SARAVATI 🥌		JOG, GORSOPPA FA	LLS(HIGHEST FALLS)
	A NARMADA	\rightarrow	MARBEL FALLS &	KAPILDHARA FALLS
	CAUVEERY -	\longrightarrow	HOGENAKAL FALLS	S & SIVASAMUDRAM
	SUBARNAREKHA	\longrightarrow	HUNDRO FALLS	S & DASAM FALLS
	INDRAVATI	\longrightarrow	CHITRAI	KOT FALLS
	MANDVI	\rightarrow	DUDHSA	GAR FALLS
	EXAMPLE KRISHNA	\rightarrow	ETHIPO	DLA FALLS



- •<u>Rivers that drain into Bay of Bengal:</u> The Mahanadi, the Godavari, the Krishna, the Cauvery and several smaller rivers drains south-east into the Bay of Bengal.
- •**Rivers that drain into Arabian Sea:** The Narmada, the Tapi, the Mahi flowing west as well as several small streams originating from the Western Ghats flow westwards into the Arabian Sea.
- •<u>Rivers that drain into the Ganges</u>: Tributaries of the Ganga and the Yamuna such as the Chambal, the Betwa, the Ken, the Son and the Damodar flow in the north-easterly direction



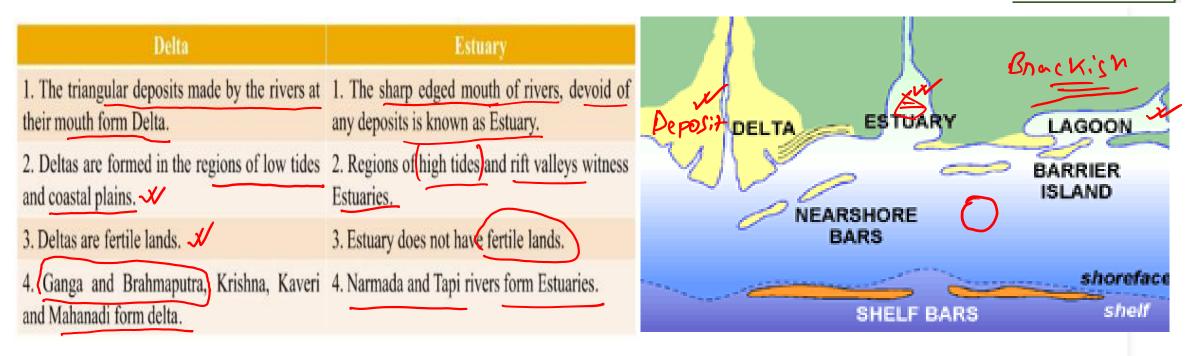
Mahendra's



Comparison Chart

BASIS FOR COMPARISON	HIMALAYAN RIVERS	PENINSULAR RIVERS
Meaning	Himalayan Rivers are the rivers that originate from (Himalayan) ranges and flows throughout the year.	Peninsular Rivers include those rivers that arises from Western Ghats and receive water only during a particular period.
Nature	Perennial	Non-perennial
Form	C Delta 🔨	Estuary
Shape	Meandering X	Straight
Rocks	Bed rocks are soft, sedimentary and easily erodible	Bed rocks are hard, resistant and not easily erodible
Fed by	Snow and rain 📈	Rain
Drainage basin	Large	Small
Irrigate	Northern Plains 🚀	Deccan Plateau
Valley	V-shaped valley is formed	U-shaped valley is formed

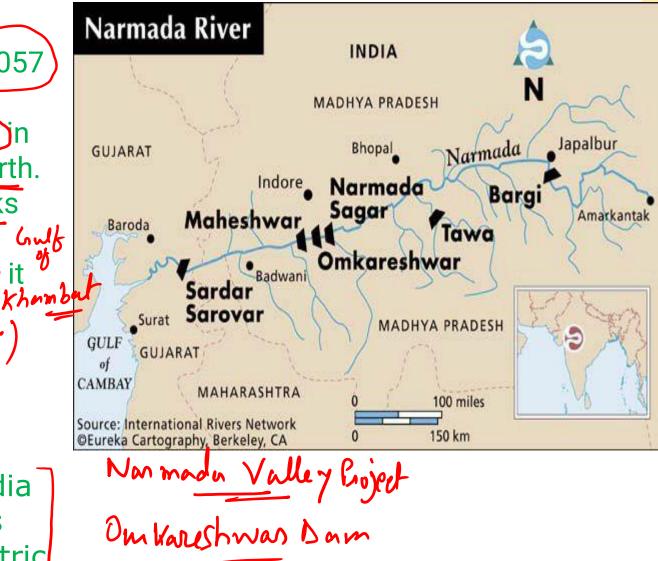
🔊 Mahe<u>ndra</u>'s



Difference between Delta and Estuary

🔊 Mah<u>endra</u>'s

- It originates on the western flank of the Amarkantak plateau at a height of about 1,057
 mt.
- Flowing in a rift valley between the Satpura in the south and the Vindhyan range in the north.
- It forms a pictures que gorge in marble rocks and Dhuandhar waterfall near Jabalpur. ແ ເພງ
- After flowing a distance of about 1,312 km it meets the Arabian sea south of Bharuch, forming a broad 27 km long estuary.
- Its catchment area is about 98,796 sq. km
- The Sardar Sarovar Project has been constructed on this river.
- The river hold great importance in India as they facilitate agricultural practices and also the generation of Hydro-electric power in the areas they flow through.

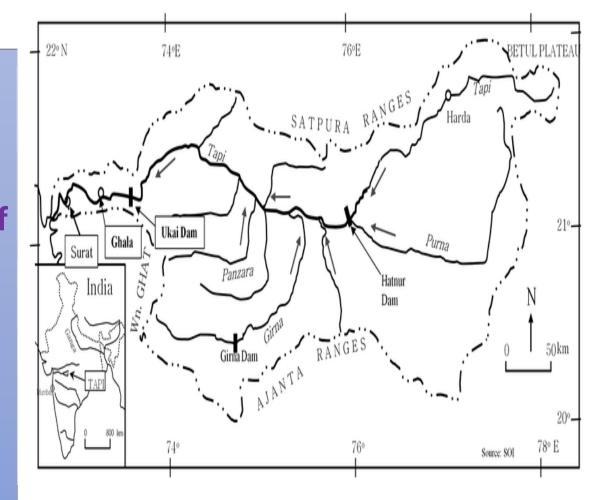


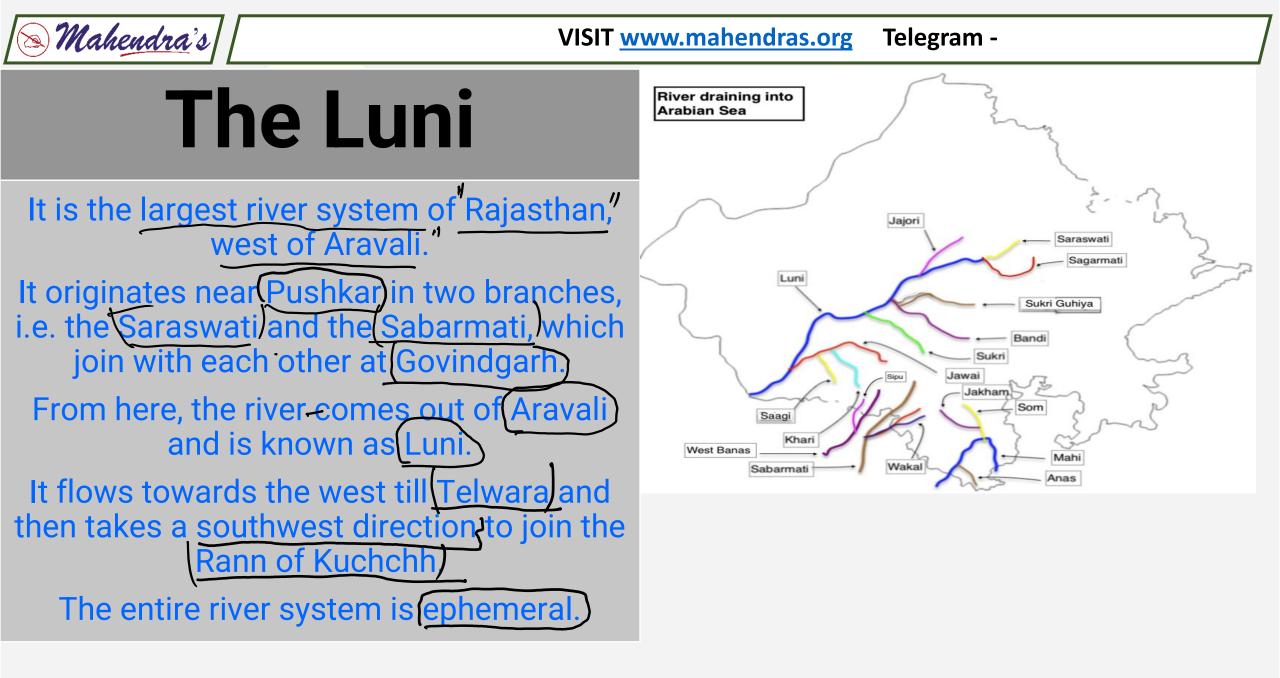


THE TAPI / Tapti

- It is the other important westward flowing river.
- It originates from Multai in the Betul district of Madhya Pradesh. It is 724 km long and drains an area of 65,145 sq. km. -> Busin Cole hue at Area.
- Maharashtra, 15 per cent in Madhya Pradesh and the remaining 6 per cent in Gujarat.

The principal tributaries of Tapi River are Waghur River, Aner River, Girna River, Purna River, Panzara River and Bori River v







VISIT www.mahendras.org Tele

Telegram -

The Godavari & ((2525 Km))

It is the largest peninsular river system due to this it is also called the Dakshin Ganga or Vriddhi (Old) Ganga.*/

The Godavari River is the second-longest course in India with brownish water. Covering a Tength of about 1465km.

It has one of the largest drainage basins in the subcontinent covering an area of 313,000 square km

It rises from the Trimbakeswar Nasik district of Maharashtra and discharges its water into the Bay of Bengal.



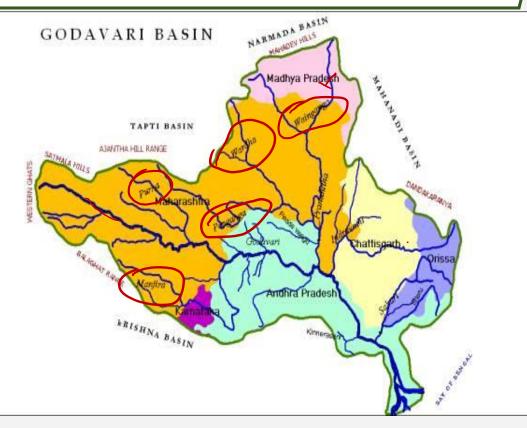
🔊 Mahe<u>ndra</u>'s

VISIT <u>www.mahendras.org</u> **Telegram** -

The Godavari

Its tributaries run through the states of Maharashtra, Madhya Pradesh, Chhattisgarh, Orissa and Andhra Pradesh.

The Penganga, the Indravati, the Pranhita, and the Manjra are its principal tributaries.





The Godavari

The Godavari is subjected to heavy floods in its lower reaches to the south of Polavaram, where it forms a picturesque gorge.

It is navigable only in the deltaic stretch. The river after Rajamundri splits into several branches forming a large delta.

A<u>sia's largest rail-cum-road bridge</u> which links K<u>ovvur</u> and <u>Rajahmundry</u> is located on the river Godavari 4



🔊 Mahendra's

VISIT <u>www.mahendras.org</u> Telegram -

Mahanadi

One of the largest and a major river of eastern India, Mahanadi originates from near Sihawa in Raipurdistrict of Chhattisgarh, draining the state of Odisha and finally flows into the Bay of Bengal forming a delta on its mouth.

The literal meaning of the term Mahanadi is Great River, justifying its course of 858 km that drains an area of 141,600 square km, Borin Mahendra's

VISIT <u>www.mahendras.org</u> Telegram -

Mahanadi

The river is famous for the Hirakud Dam built across the river, the longest and the second largest dam in the world which is utilized for the generation of hydro-electricity.

Fifty three per cent of the drainage basin of this river lies in Madhya Pradesh and Chhattisgarh, while 47 per cent lies in Orissa.

