

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION
LOK SABHA
STARRED QUESTION NO. †*279
ANSWERED ON 11.07.2019

EXTINCTION OF RIVERS/TRIBUTARIES

†*279. SHRI HANUMAN BENIWAL:

SHRI MOHAMMAD AZAM KHAN:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details and the total number of rivers in the country along with their length and location, State/UT-wise;
- (b) the number of tributaries of these rivers and their present status;
- (c) whether the Government has got counted all the big and small rivers in the country and if so, the details thereof and if not, the reasons therefor;
- (d) whether some rivers as well as the tributaries of certain big rivers have dried up or are on the verge of drying up/ extinction and if so, the number and the details thereof; and
- (e) whether the Government has any action plan to overcome this situation and save such rivers from extinction and if so, the details thereof?

ANSWER

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

(a) to (e) A statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (E) OF LOK SABHA
STARRED QUESTION NO.*279 TO BE ANSWERED IN LOK SABHA ON 11.07.2019
REGARDING “EXTINCTION OF RIVERS/TRIBUTARIES” RAISED BY SHRI
HANUMAN BENIWAL AND SHRI MOHAMMAD AZAM KHAN.**

(a) & (b) The river basins are considered as the basic hydrological unit for water resources planning and management. The country has been divided into 20 river basins. The basin-wise details of the rivers and their length are given at Annexure-I & Annexure-II respectively.

(c) There is no classification of rivers as big and small rivers. Central Water Commission (CWC) monitors important/major rivers only.

(d) & (e) Two types of rivers exist in the country; (1) Perennial Rivers and (2) Non-Perennial Rivers. In Perennial Rivers water remains available throughout the year. Non-perennial rivers are rain fed rivers in which water flows only during the rainfall period. The flow in the rivers is a dynamic parameter and depends on many parameters such as rainfall, its distribution and intensity in the catchment, catchment characteristics and withdrawals / utilizations of water. Considering annual average flows of last 20 years of terminal sites of major rivers, no appreciable increasing / decreasing trend in water availability has been observed.

ANNEXURE REFERRED TO IN REPLY TO PARTS (A) AND (B) OF LOK SABHA STARRED QUESTION NO.*279 TO BE ANSWERED IN LOK SABHA ON 11.07.2019 REGARDING “EXTINCTION OF RIVERS/TRIBUTARIES”

Annexure - I

Basin-wise details of the rivers*

S. No.	Name of Basin	Catchment Area (sq. Km.)	Length of River (km)-Indian portion only	Some of the main tributaries
1	Indus	321289	1114	Gilgit, Satluj, Jhelum, Shyok, Beas, Ravi, Chenab
2	Ganga	861452	2525	Ghagra, Gandak, Kosi, Yamuna, Ramganaga, Sone, Ken
3	Brahmaputra	194413	916	Teesta, Dhansiri, Kalung, Manas, Sukla, Subansiri
4	Barak and Others	41723	564	Tuilang
5	Godavari	312812	1465	Darna, Kadwa, Pravara, Purna, Manjra, Kaddam, Pranhita, Indravati, Sabari
6	Krishna	258948	1400	Koyna, Ghatprabha, Malprabha, Bhima, Tugabhadra,
7	Cauvery	81155	800	Harangi, Hemavati, Kabbani, Bhavani
8	Subernarekha	29196	395-Subarnarekha 164-Burhabalang	Kharkai, Sone, Chipat
9	Brahmani and Baitarni Basin	51822	Brahmani-799 Baitarni-355	Sankh, Salandi, Ramiala
10	Mahanadi	141589	851	Salariya, Pairi, Seonath, Jonk, Hasdeo
11	Pennar	55213	597	Chitravati
12	Mahi	34842	583	Som, Panam
13	Sabarmati	21674	371	Hathmati, Vatrak
14	Narmada	98796	1312	Barna, Tawa, Kolar, Chhota Tawa, Man, Hatni, Karjan
15	Tapi	65145	724	Purna, Girna, Vaghur
16	West Flowing Rivers from Tapi to Tadri	55940	Many independent rivers flowing	Damanganga, Vaitarana, Ulhas, Kundalika, Chapora, Kalinadi
17	West Flowing Rivers from Tadri to Kanyakumari	56177	Many independent rivers flowing	Sharavati, Varahi, Bharathpuzha, Kurumali, Peryar, Pamba, Kallada
18	East Flowing Rivers between Mahanadi and Pennar	86643	Many independent rivers flowing	Rushikulya, Vamsadhara, Nagavalli, Tandava, Pedda Eru, Erra Kalava, Gundalakamma
19	East Flowing Rivers between Pennar and Kanyakumari	100139	Many independent rivers flowing	Uppuleru, Arani, Palar, Ponnaiyar, Vellar, Vaigai
20	West Flowing Rivers of Kutch and Saurashtra including Luni	321851	511 (Luni River)	Shetrunji, Bhadar, Machhu, Banas, Luni

* These basins do not include the rivers of Lakshadweep, Andaman and Nicobar Islands and parts of Ladakh region.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (A) AND (B)
OF LOK SABHA STARRED QUESTION NO.*279 TO BE
ANSWERED IN LOK SABHA ON 11.07.2019 REGARDING
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ANNEXURE -II

Length of some of the tributaries

Name of Basin	Name of River	Length of River(km)
Indus	Gilgit	186
	Satluj	657
	Jhelum	221
	Shyok	450
	Beas	493
	Ravi	258
	Chenab	431
Ganga	Ghagra	875
	Gandak	558
	Kosi	337
	Yamuna	1516
	Ramganga	666
	Son	823
	Ken	410
Brahmaputra	Teesta	330
	Dhansiri	350
	Kalung	167
	Manas	101
	Sukla	36
	Subansiri	384
Barak & Others	Tuilang	36
Godavari	Darna	102
	Kadwa	91
	Pravara	219
	Purna	382
	Manjra	737
	Kaddam	94
	Pranhita	116
	Indravati	640
	Sabari	450
Krishna	Koyna	151
	Ghatprabha	299
	Malprabha	326
	Bhima	864
	Tugabhadra	553
Cauvery	Harangi	54
	Hemavati	234

	Kabbani	238
	Bhavani	235
Name of Basin	Name of River	Length of River(km)
Subernarekha	Kharkai	174
	Sone	98
	Chipat	29
Brahmani and Baitarni	Sankh	230
	Salandi	133
	Ramiala	39
Mahanadi	Salariya	16
	Pairi	141
	Seonath	385
	Jonk	202
	Hasdeo	333
Pennar	Chitravati	221
Mahi	Som	158
	Panam	136
Sabarmati	Hathmati	116
	Vatrak	257
Narmada	Barna	112
	Tawa	180
	Kolar	105
	Chhota Tawa	58
	Man	60
	Hatni	35
	Karjan	97
Tapi	Purna	380
	Girna	335
	Vaghur	117
West Flowing Rivers from Tapi to Tadri	Damanganga	146
	Vaitarana	70
	Ulhas	137
	Kundalika	74
	Chapora	27
	Kalinadi	178
West Flowing Rivers from Tadri to Kanyakumari	Sharavati	133
	Varahi	NA
	Bharathpuzha	100
	Kurumali	53
	Peryar	283
	Pamba	190
	Kallada	126

Name of Basin	Name of River	Length of River(km)
East Flowing Rivers between Mahanadi and Pennar	Rushikulya	161
	Vamsadhara	270
	Nagavalli	250
	Tandava	99
	Pedda Eru	115
	Erra Kalava	NA
	Gundalakamma	268
East Flowing Rivers between Pennar and Kanyakumari	Uppuleru	NA
	Arani	117
	Palar	379
	Ponnaiyar	291
	Vellar	50
	Vaigai	312
West Flowing Rivers of Kutch and Saurashtra including Luni	Shetrunji	178
	Bhadar	182
	Machhu	143
	Banas	274
	Luni	511