National Mission for Clean Ganga
Department of Water Resources, River Development & Ganga Rejuvenation
Ministry of Jal Shakti
Government of India

UTTARAKHAND

RIVER ATLAS

December 2024

(Version 2)

cGanga
Centre for Ganga River Basin Management and Studies
©cGanga & NMCG, 2024

UTTARAKHAND

RIVER ATLAS

DECEMBER 2024

cGanga
Centre for Ganga River Basin Management and Studies
©cGanga & NMCG, 2024

(Version 2)

National Mission for Clean Ganga (NMCG)

NMCG is the implementation wing of the National Ganga Council which was set up in October 2016 under the River Ganga Authority Order 2016. Initially, NMCG was registered as a society on 12th August 2011 under the Societies Registration Act 1860. It acted as the implementation arm of the National Ganga River Basin Authority (NGRBA) which was constituted under the provisions of the Environment (Protection) Act (EPA) 1986. NGRBA has since been dissolved with effect from the 7th of October 2016, consequent to the constitution of the National Council for Rejuvenation, Protection, and Management of River Ganga (referred to as National Ganga Council).

www.nmcg.in

Centre for Ganga River Basin Management and Studies (cGanga)

cGanga is a think tank formed under the aegis of NMCG, and one of its stated objectives is to make India a world leader in river and water science. The Centre is headquartered at IIT Kanpur and has representation from most leading science and technological institutes of the country. cGanga's mandate is to serve as a think-tank in the implementation and dynamic evolution of Ganga River Basin Management Plan (GRBMP) prepared by the Consortium of 7 IITs. In addition to this, it is also responsible for introducing new technologies, innovations, and solutions into India.

www.cganga.org

Acknowledgment

This river atlas document is a collective effort of several experts, institutions, and organisations, some who had been associated with preparing the Ganga River Basin Management Plan (GRBMP) submitted to the Government of India in 2015, and others who joined later with their independent expertise and enthusiasm. Contributions to the photographs and images for this document by individuals are gratefully acknowledged.

Suggested Citation

Uttarakhand River Atlas by cGanga and NMCG.

Contacts

Centre for Ganga River Basin Management and Studies (cGanga)
Indian Institute of Technology Kanpur, Kanpur 208016, Uttar Pradesh, India

National Mission for Clean Ganga (NMCG)
Major Dhyan Chand National Stadium, New Delhi, 110 002, India

Team

Vinod Tare, cGanga, IIT Kanpur
Shashikant Patel, cGanga, IIT Kanpur
Mridul Kumar Vishwakarma, cGanga, IIT Kanpur
Sachin Singh, cGanga, IIT Kanpur
Amar Sharma, cGanga, IIT Kanpur

PREFACE

The Centre for Ganga River Basin Management and Studies (cGanga) was established in the year 2016 as a comprehensive think-tank for river restoration and to assist the National Mission for Clean Ganga (NMCG), Jal Shakti Ministry, GoI, for "continual scientific support in the implementation and dynamic evolution of the Ganga River Basin Management Plan" for conservation of National River Ganga. In keeping with this goal, cGanga has been actively developing detailed knowledge capsules, tools and procedures to enable comprehensive and early rejuvenation of the Ganga river network across the whole basin. While a river basin approach is essential for analyzing and comprehending the Ganga river's status and needs to regain her wholesomeness, the implementation strategiesof the required interventions must keep in mind the role and individuality of each State. Thus, it is necessary to focus on state-level sub-strategies of natural resource management for holistic revival of River Ganga.

The present document attempts to provide a comprehensive picture of the Ganga river network that entirely covers the State of Uttarakhand. This River Atlas for the state was created entirely by cGanga, with original mapping of all identifiable rivers of the state, and with selective additional information culled from different sources for completeness. Many of the rivers and maps given here are not readily available elsewhere, and we expect them to prove useful to the many Central, State and other organisations engaged in river, water or natural resource management in the state.

In preparing this document dedicated members of cGanga spent a lot of time in diligently studying, analysing, acquiring and compiling diverse information from diverse sources. Many people and organisations outside cGanga also helped in its preparation, which aided in its comprehensiveness. We are grateful to one and all of them.

VINOD TARE
Professor & Founding Head, cGanga
IIT Kanpur

ACRONYMS AND ABBREVIATIONS

BCM	:	Billion Cubic Meters
cGanga	:	Centre for Ganga River Basin Management and Studies
Cumec	:	Cubic meter per second
CWC	:	Central Water Commission
DEM	:	Digital Elevation Model
GIS	:	Geographic Information System
GRBMP	:	Ganga River Basin Management Plan
HE	:	Hydroelectric
JPVL	:	Jaiprakash Power Ventures Ltd
Km	:	Kilometer
LGD	:	Local Government Directory
L & T	:	Larsen and Toubro
m	:	Meter
MCM	:	Million Cubic Meters
mm	:	Millimeter
MW	:	Mega Watt
NRSC	:	National Remote Sensing Centre
NHPC	:	National Hydroelectric Power Corporation
SoI	:	Survey of India
Sq. Km.	:	Square Kilometer
THDC	:	Tehri Hydro Development Corporation
UJVNL	:	Uttarakhand Jal Vidyut Nigam Ltd
UK	:	Uttarakhand
WRIS	:	Water Resources Information System

CONTENTS

Caption	Page No.
Introduction	1
India Administrative Divisions (Geographical)	4
Uttarakhand Administrative Divisions (Geographical)	5
Uttarakhand and its Canal Network	6
Uttarakhand CWC River Hydrological Measurement Stations	7
Uttarakhand Dams, Barrages, Weirs, Headwaters, Reservoirs	8
River Basins in India: Level 1	22
Ganga River Basin: Level 2	24
Ganga River Basin: Level 3	25
Ganga River Basin: Level 4	26
River Network Preparation Methodology	27
River Codification Methodology	28
Uttarakhand and its River Network	30
Alaknanda Basin and its River Network	31
Bhagirathi Basin and its River Network	36
Ganga Basin and its River Network	40
Garra Basin and its River Network	42
Purvi Nayar Basin and its River Network	44
Ramganga Basin and its River Network	46
Sarda Basin and its River Network	50
Song Basin and its River Network	52
Yamuna Basin and its River Network	54

LIST OF FIGURES

Figure	Caption	Page No.
1	Major River Basins in Uttarakhand	1
2	India Administrative Divisions (Geographical)	4
3	Uttarakhand Administrative Divisions (Geographical)	5
4	Uttarakhand Canal Network	6
5	Uttarakhand CWC River Hydrological Measurement Stations	7
6	Uttarakhand Dams, Barrages, Weirs, Headwaters, Reservoirs	8
7	Level 1 River Basins in India	22
8	Significant Level 2 River Basins in Ganga Basin	24
9	Significant Level 3 River Basins in Ganga Basin	25
10	Significant Level 4 River Basins in Ganga Basin	26
11	Uttarakhand and its River Network	30
12	Alaknanda Basin and its River Network	31
13	Bhagirathi Basin and its River Network	36
14	Ganga Basin and its River Network	40
15	Garra Basin and its River Network	42
16	Purvi Nayar Basin and its River Network	44
17	Ramganga Basin and its River Network	46
18	Sarda Basin and its River Network	50
19	Song Basin and its River Network	52
20	Yamuna Basin and its River Network	54

LIST OF TABLES

Table	Caption	Page No.
1	Uttarakhand Salient Features	3
2	Major Dams on River Ganga and Its tributaries in Uttarakhand	10
3	Major Barrages and Weirs on River Ganga and its tributaries in Uttarakhand	11
4	Major Hydroelectric Projects on River Ganga and its tributaries in Uttarakhand	12
5	Uttarakhand District-wise Rivers	14
6	List of Level 1 Basins in India (As Listed by CWC)	23
7	List of Significant Level 2 River Basins in Ganga Basin	24
8	List of Significant Level 3 River Basins in Ganga Basin	25
9	List of Significant Level 4 River Basins in Ganga Basin	26
10	Unique Identity Code of Selected Rivers	29

INTRODUCTION

The state of Uttarakhand nestled in the Western Himalayas is unique for its mountainous terrain, temperate to freezing climate, verdant greenery, rich wildlife, speeding rivers, and opulent lakes and springs. The present volume is a first attempt to map the rich river network of Uttarakhand in as fine a detail as possible. Much of the information in this River Atlas is not available in any other document and was created originally from available earth images with appropriate data and image processing tools and software on the GIS platform. Naturally, there may be shortcomings in some of the maps herein, including missing small streams, which can be expected to be duly refined and included in later versions. Also, a river atlas is often useful inconjunction with other natural resources and anthropogenic information such as the distribution of rainfall and other climatic data, other waterbodies, forest cover, elevations, soil types, other physiographic details, land use, tourist and pilgrimage centers, and infrastructure including roads and highways. Such relevant information is also expected to be processed, assembled, and included later in a fuller version of this Atlas. In the meantime, it is hoped that this Atlas will provide a useful window into Uttarakhand's river resources.

Figure 1: Major River Basins in Uttarakhand

Table 1: Uttarakhand Salient Features

S No	Particulars	Details
1	State Extent	Latitude: 28° 43' & 31° 27' N and Longitude: 77° 34' & 81° 02' E
2	Total Geographical Area (sq. km.)	53,483
2.1	Hill Area (Reference Year 2018) (sq. km.)	46,035
2.2	Plain Area (Reference Year 2018) (sq. km.)	7,448
3	Forest Area (Reference Year 2018)(sq. km.)	30,000
4	Area contributing to Ganga Basin(sq. km.)	53,483
5	Percentage area contributing to Ganga Basin	6.2
6	Districts (per Census 2011)	13
7	Towns (per Census 2011)	(Class I: 06; Class II: 06; Class III: 19; Class IV: 33; Class V: 37; Class VI: 15)
8	Total Population (per Census 2011)	10,086,292
9	Percentage of population contribution in Ganga Basin	2.05 (per Census 2011)
10	Gram Panchayats	7,954
11	Villages (per Census 2011)	16,793
12	Average Annual Rainfall (mm)	1,631
13	Average Temperature Range (^{o}C)	-3.4 to 40.8
14	Major Rivers (Inter and Intra-state)	*Inter State Rivers*: Ganga, Yamuna, Ramganga,Sharada/Ghaghra *Intra State Rivers*: Alaknanda, Bhagirathi, Bhilangana, Pinder, Nandakini, Mandakini, Saraswati, Rawasan, Malin, Nayar, Rishiganga, Dhauliganga
15	Number of Major Basins	08
16	Number of Water Resources Structures	(Dams: 15, Barrages: 15, Weir: 04, Headwaters: 02, Reservoirs: 02)
17	Highest Dam	Tehri Dam: 260.5 m
18	Longest Dam	Nanak Sagar Dam: 19,200 m
19	Highest Barrage	Banbassa Barrage: 603.5 m
20	Longest Barrage	Asan Barrage: 395.95 m
21	Number of HE Projects (> 25 MW)	22
22	Number of Ground Water Observationwells	167
23	Number of CWC Sites	31
24	Water Tourism and Water Sports Sites	Sattal, Rishikesh, Champawat, Munsiyari, Naukuchiatal, Tehri Lake, Fun Valley etc.

INDIA: ADMINISTRATIVE DIVISIONS (GEOGRAPHICAL)

Source: SOI

Figure 2: India Administrative Divisions (Geographical)

UTTARAKHAND: ADMINISTRATIVE DIVISIONS (GEOGRAPHICAL)

Source: LGD

Figure 3: Uttarakhand Administrative Divisions (Geographical)

UTTARAKHAND AND ITS CANAL NETWORK

Canal Projects	
Total Length of Canal in State (km)	1872

Source: NRSC

Figure 4: Uttarakhand Canal Network

UTTARAKHAND: CWC RIVER HYDROLOGICAL MEASUREMENT STATIONS

Source: CWC

Figure 5: Uttarakhand CWC River Hydrological Measurement Stations

UTTARAKHAND: DAMS, BARRAGES, WEIRS, HEADWATERS, RESERVOIRS

Source: WRIS

Figure 6: Uttarakhand Dams, Barrages, Weirs, Headwaters, Reservoirs

Table 2: Major Dams on River Ganga and its tributaries in Uttarakhand

S. No.	District	Name	Latitude	Longitude	River	Status	Type	Length (m)	Max ht abv foundation	Year completed	Total Volume (cumec)	Design flood (cumec)	Purpose
1	Dehradun	Ichari Dam	30.61	77.79	Tons	Completed	Gravity & Masonry	155	59.25	1972	181.9	13500	Hydroelectric
2	Dehradun	Lakhwar Dam	30.51	77.94	Yamuna	Under Construction	Earthen / Gravity & Masonry	451	204		4166	8000	Hydroelectric, Irrigation
3	Garhwal	Ramganga Dam	29.52	78.76	Ramganga	Completed	Earthen	630	127.5	1974	10000	12121	Hydroelectric, Irrigation
4	Nainital	Bhimtal Dam	29.34	79.56		Completed	Gravity & Masonry	137	16.16	1883		45	Irrigation
5	Nainital	Jamrani Dam	29.27	29.27	Gola/ Gaula	Proposed	Gravity & Masonry	465	130.6			4200	Irrigation
6	Pithoragarh	Dhauliganga Dam	29.97	80.57	Dhauliganga	Completed	Rockfill		56	2005	980		Hydroelectric
7	Tehri Garhwal	Tehri Dam	30.38	78.48	Bhagirathi	Completed	Earthen / Gravity & Masonry	575	260.5	2005	27980	15540	Hydroelectric, Irrigation
8	Tehri Garhwal	Koteshwar Dam	30.26	78.49	Bhagirathi	Completed	Gravity & Masonry	300.5	97.5	2011	560	13240	Hydroelectric
9	Udham Singh Nagar	Dhora Dam	28.93	79.58	Kiccha	Completed	Earthen	9610	14.63	1960		549	Irrigation
10	Udham Singh Nagar	Nanak Sagar Dam	28.95	79.83	Deoha	Completed	Earthen	19200	16.5	1962	209690	1600	Irrigation, Water Supply
11	Udham Singh Nagar	Baur Dam	29.13	79.3	Kakrala	Completed	Earthen	9500	17.98	1967	8252	1416.43	Irrigation
12	Udham Singh Nagar	Baigul Dam	28.88	79.63	Baigul and Sukhi	Completed	Earthen	15300	13.7	1968	85000	567	Irrigation
13	Udham Singh Nagar	Tumaria Dam	29.32	78.93	Phika	Completed	-	10000	15.29	1970	2024		Irrigation
14	Udham Singh Nagar	Haripura Dam	29.11	79.33	Bhakhara	Completed	Earthen	7980	10.98	1975	2546	878.18	Irrigation
15	Uttarkashi	Maneri Dam	30.73	78.52	Bhagirathi	Completed	Gravity & Masonry	127	39	1984	13.7	7500	Hydroelectric

Source: WRIS

Table 3: Major Barrages and Weirs on River Ganga and its tributaries in Uttarakhand

S No	District	Name	Type	River	Nearest City	Status	Completion Year	Length (m)	Height upto	Pond level	Design flood	Purpose
1	Almora	Dhela	Barrage	Dhela	Ranikhet	Complete		140.78		258.9	1048	
2	Chamoli	Vishnu	Barrage	Alaknanda	Joshimath	Complete	2006	63	17	2275	65	
3	Chamoli	Tamak Lata	Barrage	Dhauliganga	Joshimath	Complete		62.5	16	2423	2950	
4	Chamoli	Tapovan	Barrage	Dhauliganga	Joshimath	Complete		113	26	1803.	4100	
5	Champawat	Banbasa	Barrage	Sarada	Khatima	Complete	1928	603.5	9.146	223.1	19821	
6	Champawat	Tanakpur	Barrage	Sarada	Khatima	Complete	1992	475.3	22.5	246.7	19824	
7	Dehradun	Asan	Barrage	Asan	Dehradun	Complete	1976	281.25	395.95	401.5	4500	
8	Dehradun	Rishikesh	Barrage	Ganga	Dehradun	Complete	1980	312	11.5	337	13200	
9	Dehradun	Bhatta	Weir	Bhatta	Dehradun	Complete		21.5		1370.		
10	Dehradun	Katha Pathar	Barrage	Yamuna	Dehradun	Proposed		196	8	514	8000	
11	Haridwar	Bhimgoda	Barrage	Ganga	Haridwar	Complete	1986	453.5		293.7	193000	
12	Nainital	Gola	Barrage	Gola	Nainital	Complete		81	4.2	510.7	3250	
13	Nainital	Kosi	Barrage	Koshi	Kashipur	Complete		138.5		351.8	5097	
14	Nainital	Kota Trench	Weir	Dabka	Kashipur			20			482	
15	Nainital	Phika	Barrage	Phika	Kashipur	Complete		107.87		262.4	524	
16	Udham Singh Nagar	Kiccha	Barrage	Kiccha	Kichha	Complete	1964	91.25		202.2	1982.18	
17	Udham Singh Nagar	Katna	Weir	Katna	Govindpur	Complete						Irrigation
18	Udham Singh Nagar	Nangla	Weir	Kiccha	Rudrapur	Complete						Irrigation
19	Uttarkashi	Joshiyara	Barrage	Bhagirathi	Bhatwari	Complete	2007	81	39	1108		

Source: WRIS

Table 4: Major Hydroelectric Projects on River Ganga and its tributaries in Uttarakhand

S No	Project Name	Year of Commencement	State	Districts	River	Hydroelectric Region	Total Installed Capacity (MW)	Type of Project	Project Status	Owner	Owner Name
1	Yamuna Hydroelectric Project		HP, Uttarakhand	Dehradun	Yamuna	Northern HE Region	474.75	Major (> 25 MW)	Completed	State	UJVNL
2	Dhauliganga Hydroelectric Project	2005	Uttarakhand	Pithoragarh	Dhauli Ganga	Northern HE Region	280	Major (> 25 MW)	Completed	Central	NHPC
3	Galogi Hydroelectric Project	1907	Uttarakhand	Dehradun	Yamuna	North HE Region	3	Small (3-25 MW)	Completed	State	UJVNL
4	Garhwal Rishikesh Chilla Hydroelectric Project		Uttarakhand	Pauri Garhwal	Ganga	North HE Region	144	Major (> 25 MW)	Completed	State	UJVNL
5	Khatima Hydroelectric Project	1955	Uttarakhand	Udham Singh Nagar	Sharda	North HE Region	41.4	Major (> 25 MW)	Completed	State	UJVNL
6	Koteshwar Hydroelectric Project	2011	Uttarakhand	Tehri Garhwal	Bhagirathi	North HE Region	400	Major (> 25 MW)	Completed	Central	THDC
7	Maneri Bhali - I Hydroelectric Project	1984	Uttarakhand	Uttarkashi	Bhagirathi	North HE Region	90	Major (> 25 MW)	Completed	State	UJVNL
8	Maneri Bhali - II Hydroelectric Project	2008	Uttarakhand	Uttarkashi	Bhagirathi	North HE Region	304	Major (> 25 MW)	Completed	State	UJVNL
9	Mohammudpur Hydroelectric Project	1952	Uttarakhand	Haridwar	Ganga Canal	North HE Region	9.3	Small (3-25 MW)	Completed	State	UJVNL
10	Patheri Hydroelectric Project	1955	Uttarakhand	Haridwar	Ganga Canal	North HE Region	20.4	Small (3-25 MW)	Completed	State	UJVNL

S No	Project Name	Year of Commencement	State	Districts	River	Hydroelectric Region	Total Installed Capacity (MW)	Type of Project	Project Status	Owner	Owner Name
11	Ramganga Hydroelectric Project	1975	Uttarakhand	Pauri Garhwal	Ramganga	North HE Region	198	Major (> 25 MW)	Completed	State	UJVNL
12	Singoli Bhatwari Hydroelectric Project	2020	Uttarakhand	Rudaraprayag	Mandakini	North HE Region	99	Major (> 25 MW)	Completed	Private	L & T
13	Tanakpur Hydroelectric Project	1992	Uttarakhand	Nainital	Sarda	Northern HE Region	120	Major (> 25 MW)	Completed	Central	NHPC
14	Tehri Hydroelectric Project	2006	Uttarakhand	Tehri Garhwal	Bhagirathi	Northern HE Region	2000	Major (> 25 MW)	Completed	Central	THDC
15	Vishnuprayag Hydroelectric Project	2006	Uttarakhand	Chamoli	Alaknanda	North HE Region	400	Major (> 25 MW)	Completed	Private	JPVL
16	Dhakrani HPS	1965	Uttarakhand	Dehradun	Yamuna	North HE Region	33.75	Major (> 25 MW)	Completed	State	UJVNL
17	Dhalipur HPS	1965	Uttarakhand	Dehradun	Yamuna	North HE Region	51	Major (> 25 MW)	Completed	State	UJVNL
18	Chibro (Yamuna) HPS	1975	Uttarakhand	Dehradun	Tons	North HE Region	240	Major (> 25 MW)	Completed	State	UJVNL
19	Kulhal HPS	1975	Uttarakhand	Dehradun	Asan	North HE Region	30	Major (> 25 MW)	Completed	State	UJVNL
20	Chilla HPS	1980	Uttarakhand	Dehradun	Ganga	North HE Region	144	Major (> 25 MW)	Completed	State	UJVNL
21	Khodri HPS	1984	Uttarakhand	Dehradun	Tons	North HE Region	120	Major (> 25 MW)	Completed	State	UJVNL
22	Srinagar HPS	2015	Uttarakhand	Pauri Garhwal	Alaknanda	North HE Region	330	Major (> 25 MW)	Completed	State	UJVNL

Source: WRIS

Overview INDIA currently has 197 Proposed Hydropower Projects in Uttarakhand including hydropower plants above 25 MW, plus nine pumped storage stations, and ranks fifth in the world for potential hydropower capacity. – IHA Hydropower Status Report 2018

Table 5: Uttarakhand District-wise Rivers

S No	District	Named Rivers	Unnamed Rivers	River Name
1	Almora	164	2353	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
2	Bageshwar	83	1892	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
3	Chamoli	227	4378	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
4	Champawat	67	1370	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
5	Dehradun	260	2160	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
6	Haridwar	80	262	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
7	Nainital	275	1297	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
8	Pauri Garhwal	327	4293	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
9	Pithoragarh	164	3451	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
10	Rudraprayag	82	2056	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
11	Tehri Garhwal	198	2827	Aglar, Alaknanda, Amol Ka Khala, Andhar Khad or Nagani Gad, Andyar Gad, Argad Gad, Asgarh Khala, Atnauni Gad, Badhi Gad, Badiyar Gad, Bagdhar Gad, Bagi Gad, Bagyon, Bal Ganga, Balad Khala, Banali Gad, Banbari Khala, Bandal, Banskatal Gad, Bela Gad, Belgar, Berni Badi, Bhadri Gad, Bhadura Gad, Bhagirathi, Bhainskoti Gad, Bhaintogi, Bhair Gad, Bhaneti Gad, Bharwani Gad, Bhegalt Gad, Bhenda Gad, Bhilangna, Bhinnu Khal, Bhondat, Bhusti, Bin Gad, Biroda Gad, Chagora Gad, Chamar Gad, Chamer Gad, Chamol Gad, Chandrabhaga Gad, Chandrabhaga, Chhail Khal, Chhar Gad, Chhira Gad, Chhoti Gad, Chiphaldi, Chippal Gad, Chopkya, Dagar Gad, Dagru Gad, Dalgya, Daon Khala, Darak Gad, Dell Ka Khala, Deokhri Gad, Devan Gad, Devi, Dewalgarh Gad, Dhamari Gad, Dharkot, Dharm Ganga, Dhauli Gad, Dhundsir Gad, Dhung Gad, Dhunmanadar Gad, Dichli Gad, Diuli Gad, Diwarni Gad, Dobari Khal, Dogadda Gad, Doni Gad, Dwari Gad or Paseli Gad, Gadaru Gad, Gadoliya Gad, Gair Gad, Ganga, Gangar Gad, Gattu Khal, Gauli Gad, Gawana Gad, Ghattu Khala, Ghatu Gad, Ghiyand That, Ghuchchu Gad, Godi Gad, Gongad Gad, Gular Gad, Gyad Khal, Heda, Helsi Gad, Hiyuni, Jagadi Gad, Jagethi Gad, Jalkur, Jamani Gad, Jandria Gad, Jandriva Gad, Jaurasi Gad, Jhakhan Rao, Jijli Khala, Jokhani Gad, Jola Gad or Chanji Gad, Joya Gad, Kairi Gad, Kal Gadna, Kalakhand Gad, Kalapani Rao, Kalau Gad, Kalav Gad, Kaldi Gad, Kale Ki Gad, Kaleth Gad, Kalianl Gad, Kan Gad, Kandasu Gad, Kanj Gad, Kanjul Gad, Katal Gad, Khara Sot, Khelari Khala, Kheri Gad, Khet Gad, Khira Gad, Kiar Kali, Kirgani Gad, Kolgad Gad, Kolgar Gad, Konti Gad, Kori Gad, Kot Gad, Kothga Gad, Koti Khal, Kula Gad, Kund Gad, Kuni Gad, Kwi Gad, Kyari Gad, Kyariki Gad, Laine Ka Khala, Leti Gad, Lingriyon, Loldi Gad, Lom Gad, Mahasar Gad, Malogi Gad, Mandar Gad, Mandi Gad, Maniyar, Marchya Gad, Mathliaghat Gad, Mau Gad, Medh Gad, Musadungi Gad, Nagraj Dhar, Nagun Gad, Nagur Gad, Naini Gad, Nalichami Gad, Naula Gad, Nilar Gad, On Gad, Pakiya Gad, Pali Gad, Pamar Gad, Pan Gad, Pangrana Gad, Panyani Gad, Patal Gad, Patala, Phidogi Gad, Pilri Gad, Por Gad, Pungod, Purvi Nayar, Ringali Gad, Salugi Gad, Sandri Gad, Saundi Gad, Seli Gad, Sem Gad, Shrikot Gad, Sila, Sir Gad, Sonarkot Khand, Song, Swari Gad, Syansu Gad or Surkanda Gad, Syati Gad, Takoli Gad, Tariyon ki Gad, Timli Gad, Timoli Gad, Udri Gad, Vanchuri Gad, Yamuna
12	Udham Singh Nagar	98	176	Absara, Andhuwa, Arjun, Badhaiya or Baigul, Bahalla, Bamania or Khera, Barai or Haldi, Baraur or Madni, Baur, Baur, Begul, Beliya or Bah, Beni, Bhadura, Bhadwara, Bhainsa, Bhakra, Bhuta, Burhi Kosi, Chakpheri, Chor Pani, Dabka, Dabki or Satynasan, Deoha, Dhandhi, Dhela, Dhimri, Dhimri or Khairiya, Dhora or Dhora, Dula Gad, Gandi, Gangi, Gangli, Garjwa, Ghangas, Ghebia, Ghuga, Ghutwa, Gorhi, Gularghati, Harsan or Sandla, Hatyari, Jabdi, Jalpanian, Jungi Khan, Kagarsen, Kakra, Kakrala, Kaksha, Kalaunia, Kalauriya Gad or Kalauriya Dain Gad, Kalikich, Kaman or Kumai, Kanakpur, Karari, Karari, Karkat, Kaseri or Jhingi, Katna, Kelawali, Khakra, Khala or Kurna, Khaliya, Khukreta, Khuliya, Kichha or Gola, Kosi, Lapkana, Lebra, Lohiya, Madani, Marchiya Khola, Matwali, Naiya, Nakela Gad, Nakti, Nandhaur, Nathla, Nihal or Birgot Gad, Nihal, Paha or Gola, Pathar Chatta, Pathri, Pathri or Bahiya, Phika, Phulwa, Pilakheri, Rela Gad, Saudiya, Seam, Sukhi, Sursuti, Tehra, Terha, Thanda, Thandapani, Tirath, Tumariya

S No	District	Named Rivers	Unnamed Rivers	River Name
13	Uttarkashi	313	5375	Achhuna Gad, Akhti Gad, Andhi Gad, Andhri Gad, Andri Gad, Ansor Gad, Anyari Khala, Arandi Gad, Argad Gad, Asi Ganga, Ata Gad, Atnauni Gad, Aungi Gad, Bada Gad, Badalda Gad or Kyari Gad, Badyar Gad, Bain Gad, Bali Gad, Bamsu Khad, Banal Gad, Banari Gad, Bandeli Gad, Banen Gad, Baragadi Gad, Baranti Gad, Barmand Gad, Barmola Gad, Barni Gad, Bathotara Gad, Baur Gad, Bayon Gad, Begal Gad, Bhadrasu Gad, Bhagirathi, Bhaneti Gad, Bhangaru Gad, Bhansari Gad, Bharsu Gad, Bhavind Gad, Bhela Gad, Bhergora Gad, Bhewa Gad, Bhoktara Gad, Bhujbas Gad, Bhumbul Gad, Bichkul Gad, Bin Gad, Bingle Gad, Bingsari Gad, Chakleni Gad, Chamar Gad, Chanjal Gad, Chareta Gad, Chatra Gad, Chaube Gad, Chaudar, Chaundiar Gad, Chhaiyan Gad, Chhalani Gad, Chhera Gad, Chhinador Gad, Chhiparsa Gad, Chholga, Chholni Gad, Chilur Gad, Chirbas Gad, Dabret Gad, Daini Gad, Daloti Gad, Damini Dhar, Darani Gad, Daski Gad, Daunda Gad, Deo Ganga, Devkund Gad, Dhai Gad, Dhanari Gad, Dhedar Khad, Dhumrali Gad, Dichichhari Gad, Dichli Gad, Dina Gad, Dirgo Gad, Diyari Gad, Doba Khad, Doditai Gad, Dogadda Gad, Doi Gad, Dudu Gad, Duli Khala, Duni Gad, Ekara Gad, Gada Kuni, Gadoliya Gad, Gadu Gad, Gadu or Garu Gad, Gainda Gad, Gajoli Gad, Gamri Gad, Gangotiya, Garasan Gad, Garma Gad, Gartang Gad, Gawana Gad, Ghato Gad or Kebu Gad, Ghatti Gad, Ghattu Gad, Ghatu Gad, Ghatu Khala, Ghigaon Gad, Ghutu Gad, Gidara ki Gad, Giyan Gad, Godi Gad, Gokul Khad, Golinda Gad, Goni Gad, Goriyana Gad, Gotachaunra Khad, Gotu, Gugoyi Gad, Guji Gad, Gumgum, Gunaga Gad, Gundra Gad, Halara Gad, Handi Gad, Hangu Gad, Hanuman Ganga, Harkidan Gad, Hata Gad, Helgu Gad, Hono Gad, Indrawati Gad, Indri Gad, Ishali Gad, Istar Gad, Jadar Pasi Gad, Jadh Ganga or Jahnavi, Jadhang Gad, Jagra Gad, Jaiar Gad, Jairai Gad, Jalandhari Gad, Jalang Gad, Jalkur, Kachchhora Gad, Kajagati Gad, Kakora Gad, Kaldiyani Gad, Kamal, Kamar Gad, Kamti Gad, Kanauidiya Gad, Kandachauru Gad, Kandar Gad, Kankreta Gad, Kanoli Gad, Kanvara Gad, Kanyana Gad, Kapahiya Khal, Kapra Gad, Karcha Gad, Karoli Gad, Karwa Gad, Kasari Gad, Kataka Gad, Kaul Gad, Kedar Ganga, Khapia Gad, Khapu Gad, Kharsaungi Gad, Khattu Khal, Khera Gad, Khopla Gad, Khuni Gad, Khurmola Gad, Kiarki Gad, Kimranya Gad, Kinheli, Kiroli Gad, Kisan Gad, Kohari Gad, Kola Gad, Kolgar Gad, Kot Gad, Koti Gad or Taramandal or Gadanu Gad, Kul Gad, Kumalti Gad, Kunau Gad, Kuni Gad, Kusani Khad, Kuthnaur Gad, Kutmari Khala, Kwaila Gad, Kyariki Gad, Lam Gad, Lamdhatar Gad, Lamthatar Gad, Lawalakhal, Limcha Gad or Kundi Gad, Lingsing Khala, Lobha Gad, Lod Gad, Lola Gad, Ludarka Gad, Luna Gad, Majog or Pasi Gad, Makuri Khad, Mal Gad, Mala Gad, Malogi Gad, Mamlapani Gad, Mandrala Dhar, Maninda Gad, Manji Gad, Manne Gad, Mardu Gad, Margan Gad, Masan Gad, Matri Gad, Mauldi Gad, Mautar or Kulni Gad, Miri Gad, Miyan Gad, Miyana Gad, Mohesar Gad, Monu Gad, Morali Khad, Mori Gad, Murar Gad, Murogi Gad, Nagun Gad, Naguri Khal, Nahar Gad, Nalu Gad, Nilapani Gad, Ningal Gad, Nkur Gad, Obra Gad, Okhala Gad, Pabar, Pakonia Gad, Paletha Gad, Pali Gad, Pandar Gad, Papar Gad or Naheta Gad, Pathar Gad, Paunthi Gad, Phaprala Gad, Phatiyav Gad, Pilang Gad, Pilgun Gad or Bhetiara Gad, Pisai Gad, Pokhari Khala, Puhet Khala, Pustari Gad, Rai Gad, Raitok Gad, Rala Gad, Rangu Gad, Rano Gad, Rao Gad, Ratnal Gad, Rendu Gad, Rikhnar Gad, Ringali Khad, Ringle Gad, Rishi Ganga, Rongmach Gad, Ruba Gad, Rudugaira Gad, Ruinsara Gad, Rupanda Gad, Rupin, Sagai Gad, Sakrola Gad, Salra Gad, Samror Gad, Sari Gad, Sari, Sarita Gad, Sasla Gad, Sati Gad, Sauri Gad, Shili Gad, Sili Gad, Siri Gad, Siyan Gad, Slyar Gad, Son Gad, Sukhrali Khad, Supin, Sural Gad, Swari Gad or Syari Gad, Syalma Gad or Baruna Gad, Tai Gad, Takla Gad, Tegda Gad, Thatari Gad, Thiriya Gad, Thrang Gad, Tilari Khad, Tilga, Tlkra Khal, Tons, Udri Gad, Unata Gad, Unaur Gad, Unti Gad, Urkuti Gad, Wazri Gad, Yamuna

RIVER BASINS IN INDIA: LEVEL 1

A Level 1 basin is the land area drained by a main river and all its tributaries, defined by natural boundaries, typically ridges or elevated areas that direct water flow. In India, the major river basins categorized as Level 1 basins are listed by the Central Water Commission (CWC), as shown in the map below.

Source: CWC

Figure 7: Level 1 River Basins in India

Table 6: List of Level 1 Basins in India (As Listed by CWC)

Basin Code	Basin Name
1	Indus (Up to Indian Border)
2a	Ganga
2b	Brahmaputra
2c	Barak and others
3	Godavari
4	Krishna
5	Cauvery
6	Subernarekha
7	Brahmani and Baitarni
8	Mahanadi
9	Pennar
10	Mahi
11	Sabarmati
12	Narmada
13	Tapi
14	West-flowing rivers from Tapi to Tadri
15	West-flowing rivers from Tadri to Kanyakumari
16	East flowing rivers between Mahanadi and Pennar
17	East-flowing rivers between Pennar and Kanyakumari
18	West flowing rivers of Kutch and Saurashtra including Luni
19	Area of inland drainage in Rajasthan
20	Minor rivers draining into Myanmar (Burma and Bangladesh)

Source: CWC

GANGA RIVER BASIN: LEVEL 2

A Level 2 basin is a subdivision within a Level 1 basin, focused on a major tributary of the main river. These basins serve as distinct hydrological units within the larger river basin, enabling more localized analysis and management. Each Level 2 basin gathers water from its own network of smaller streams and channels, which ultimately contributes to the flow of the main river. A list of some of the major Level 2 basins within the Ganga Basin is illustrated in the map below.

Figure 8: Significant Level 2 River Basins in Ganga Basin

Table 7: List of Significant Level 2 River Basins in Ganga Basin

S No.	Basin Name	S No.	Basin Name
1	Alaknanda	17	Kali
2	Baya	18	Kiul
3	Bhagirathi	19	Koshi
4	Burhi Gandak	20	Koshidhar
5	Chandan	21	Lower Sunderban Delta
6	Choti Sarju	22	Mahananda
7	Dabra	23	Mahawa
8	Damodar	24	Pandu
9	Fulhar	25	Punpun
10	Gandak	26	Ramganga
11	Gangi	27	Saloni
12	Garra	28	Sot
13	Ghaghara	29	Sone
14	Gomti	30	Tons
15	Hooghly	31	Varuna
16	Isan	32	Yamuna

GANGA RIVER BASIN: LEVEL 3

A Level 3 basin further subdivides a Level 2 basin into smaller areas centered around key streams or sections of a tributary. These divisions are often made to facilitate focused studies, such as assessing localized pollution sources, groundwater recharge zones, or specific habitats within the watershed. A map illustrating some of the significant level 3 basins within the Ganga Basin is shown below.

Figure 9: Significant Level 3 River Basins in Ganga Basin

Table 8: List of Significant Level 3 River Basins in Ganga Basin

S No.	Basin Name	S No.	Basin Name
1	Ajay	20	Kanhar
2	Arar Dhar	21	Ken
3	Babai	22	Mahanadi
4	Banas	23	Mandakini
5	Barakar	24	Mayurakshi
6	Belan	25	North Koel
7	Betwa	26	Pinder
8	Bhagin	27	Rapti
9	Chambal	28	Rihand Renu
10	Chir	29	Rind
11	Choti Gandak	30	Roopnarayan
12	Choti Sarju or Tons	31	Sai
13	Daha	32	Sharda
14	Falgu	33	Sarju
15	Firyani	34	Satna
16	Gopad	35	Sindh
17	Haldi	36	Tehri
18	Hindon	37	Ull
19	Jalngani	38	Utangan

GANGA RIVER BASIN: LEVEL 4

A Level 4 basin represents a more detailed hydrological unit, typically covering very small catchment areas, such as minor streams within a Level 3 basin. These units are especially valuable for micro-level water resource management, including community watershed management, evaluating localized land-use impacts, and monitoring small-scale flood dynamics. The map below illustrates some of the significant Level 4 basins within the Ganga Basin.

Figure 10: Significant Level 4 River Basins in Ganga Basin

Table 9: List of Significant Level 4 River Basins in Ganga Basin

S No.	Basin Name	S No.	Basin Name
1	Bagul	**11**	Jamani
2	Banas	**12**	Kali Sindh
3	Belan	**13**	Kshipra
4	Bina	**14**	Mez
5	Budhi Rapti	**15**	Pahuj
6	Chandabal	**16**	Parbati
7	Dhasan	**17**	Qadirabad
8	Dhasan	**18**	Sahadara
9	Giri	**19**	Virma
10	Ichamati		

RIVER NETWORK PREPARATION METHODOLOGY

The method adopted, in brief, to obtain the river network are stepwise as follows:

- Streams less than 1.0 km from local agricultural land are not covered.
- All streams originating from populated areas (urban or rural) are covered, even if they are less than 1 km (if it is visible) on Google Earth images.

Disclaimer: The accuracies of the maps generated by the above method are subject to the limitations of the data processing tools and software used for the particular geographical regions as represented in Google Earth images, and are subject to future refinement.

RIVER CODIFICATION METHODOLOGY

In the present Atlas, alphanumeric characters are used for coding the river systems. A combination of natural and administrative boundaries is used to assign a code to each river and stream. Each sub-step in the codification system is assigned a digit or alphabet that indicates the length of the code up to that point, and the total length of the code is 16 digits. For the rivers originating outside the national boundary of India, the point where the river enters the national boundary is considered as its origin point.

a) River originates in Urban/Rural Area:

The first two digits denote the code for the major basin, based on the system proposed by the Central Water Commission (CWC), Government of India. Following this, the two alphabets indicate the state where the river originates, such as "UK" for Uttarakhand. The following three digits represent the district where the river originates. The next character, 'U' or 'R,' indicates whether the origin is in an urban or rural area. The subsequent six digits are the Urban Local Body (ULB) code if the river originates in an urban area or the village code if it originates in a rural area. The district and ULB/village code correspond to the origin of the river, and are available from Local Government Directory, GoI (LGD) website. The final digit indicates the number of the specific river that originates within the specific location falling within an administrative boundary such as town/city or a village.

b) River originates in Forest Area:

The first two digits denote the code for the major basin, based on the system proposed by the Central Water Commission (CWC), Government of India. Following this, the two alphabets indicate the state where the river originates, such as "UK" for Uttarakhand. The following three digits indicate the district where the river originates. The next character, 'F', signifies that the river originates in a forest area. The subsequent four digits denote the sub-district code where the forest is located. The following two digits indicate the number of the specified forest in the sub-district. The district, sub-district, and forest codes correspond to the river's origin, with district and sub-district codes available from the Local Government Directory (LGD) website, GoI. The final digit indicates the number of the river that originates within the specific forest cover or range.

Table 10: Unique Identity Code of Selected Rivers

S No.	River Name	Length (km)	UID Code	S No.	River Name	Length (km)	UID Code
1	Alaknanda	213.22	02UK047R04090601	28	Hiyuni	51.73	02UK052R04833001
2	Bhagirathi	200.00	02UK057R04080509	29	Pashchimi Nayar	50.48	02UK052R04645101
3	Sarda	189.61	02UK053R04908901	30	Gomti	49.65	02UK046R05145702
4	Ramganga	177.88	02UK047R04189101	31	Gagas	48.79	02UK045R05203304
5	Yamuna	153.99	02UK057R04046709	32	Ban Ganga	48.49	02UK050F03540101
6	Tons	150.09	02UK057R04028125	33	Dhauliganga	48.47	02UK053R04907601
7	Ganga	135.84	02UK055R04312301	34	Dabka	47.07	02UK051R05469601
8	Sarju	132.68	02UK046R05053908	35	Rawasan	46.32	02UK052R04879101
9	Pindar	123.35	02UK046R05052503	36	Mandal	45.02	02UK052R04744301
10	Goriganga	120.17	02UK053R04890015	37	Dhela	44.47	02UK051R05544006
11	Purvi Nayar	118.09	02UK052R04686513	38	Lassar Yankti	44.39	02UK053R04914902
12	Kichha or Gola	111.31	02UK045R05342201	39	Rishi Ganga	43.97	02UK047R04090511
13	Dhauliganga	91.23	02UK047R04090608	40	Asan	43.90	02UK049R04523401
14	Solani	84.31	02UK050R05633601	41	Pathri Rao	43.43	02UK050R05666401
15	Bhilangna	82.19	02UK055R04303801	42	Phika	43.04	02UK051R05544019
16	Song	74.85	02UK055R04434610	43	Palam	42.57	02UK052R04747001
17	Mandakini	74.49	02UK054R04230015	44	Bal Ganga	41.91	02UK055R04303721
18	Ladhiya	71.51	02UK051R05508102	45	Kalaunia	41.35	02UK048R05446405
19	Nandhaur	68.69	02UK048R05439301	46	Sarda	41.30	02UK048R05447001
20	Garra or Nandaur	61.46	02UK051R05529009	47	Ratmau Rao	41.02	02UK050R05632001
21	Baur	61.32	02UK051R05491001	48	Girthi Ganga	40.45	02UK053R04890001
22	Jadh Ganga	60.84	02UK057R04080536	49	Karari	39.38	02UK051R05490301
23	Sukhi	58.45	02UK051R05487801	50	Sila Khala	39.29	02UK050R05635601
24	Bhakra	57.83	02UK051R05490902	51	Charma Gad	38.92	02UK053R04952602
25	Nandakini	57.09	02UK047R04112915	52	Lastar Gad	38.52	02UK054R04274115
26	Kuthi Yankti	55.53	02UK053R04914901	53	Bino	38.44	02UK052R04659001
27	Lohawati	52.84	02UK048R05425401	54	Birahi Ganga	38.20	02UK047R04112703

The table lists the UID code for selected rivers in Uttarakhand. For a complete list of rivers in Uttarakhand and their UID codes, refer to the Uttarakhand River Basin Directory at cganga.org/publications.

UTTARAKHAND AND ITS RIVER NETWORK

Number of Named Rivers	2181
Number of Unnamed Rivers	31167
Total Number of identified Rivers	33348
Length of Named Rivers (km)	19720
Length of Unnamed Rivers (km)	51468
Total River Length (km)	71188

Figure 11: Uttarakhand River Network

ALAKNANDA BASIN AND ITS RIVER NETWORK

Alaknanda River UID Code	02UK047R04090601
River Length (km)	212.96
Basin Area (sq.km.)	11086.70
Number of Named Rivers	333
Number of Unnamed Rivers	6935
Length of Named Rivers (km)	3043.15
Length of Unnamed Rivers (km)	11553.19

Figure 12: Alaknanda River Network in Uttarakhand

ALAKNANDA RIVER MAIN STEM FLOW DIAGRAM

Continue… … …

Alaknanda River
Dunli gad
Aroshi gad
Kalpa Ganga
Tiroshi Gad
Mena nadi
Ghanpani nala
Pati gadhera
Balkhila nadi
Gorsal gadhera
Nagal gad
Girsa gadhera
Dhauliganga
Khanoti gadhera
Karmansa nala
Patal Ganga
Pagal Nala
Panai gad
Garur ganga
Ghat gad
Birahi ganga
Chitra ganga
Pursari gad
Sera gad
Nandakini
Viroli gad

Continue… … …

Alaknanda River
Ratna Gad
Kaphal Gad
Jaikandi Gadhera
Sindrawani gad
Pinder River
Khuna Gad
Sari Gad
Lora gad
Garh gadhera
Gholtir gad
Kaun gadhera
Gadora gad
Dhumeli gadhera
Punera gadhera
Mandakini
Narkota gad
Bhardari gad
Badiyar gad
Kula gad
Khankhariyon gad
Dewalgarh gad
Chopra
Naini gad
Dhundsir gad
Marora gad
Takoli gad
Chandrabhaga gad
Ganga river

2018777

BHAGIRATHI BASIN AND ITS RIVER NETWORK

Bhagirathi river UID Code	02UK057R04080509
River Length (km)	200
Basin Area (sq.km.)	7329.13
Number of Named Rivers	251
Number of Unnamed Rivers	4269
Length of Named Rivers (km)	2487.45
Length of Unnamed Rivers (km)	6884.64

Figure 13: Bhagirathi River Network in Uttarakhand

BHAGIRATHI RIVER MAIN STEM FLOW DIAGRAM

***Continue*... ... ...**

Bhagirathi River
Kanauidiya gad
Ghato gad
Gunaga gad
Mamlapani gad
Kutmari khala
Helgu gad
Thrang gad
Swari gad
Papar gad
Nahar gad
Kumalti gad
Aungi gad
Gawana gad
Asi ganga
Lod gad
Limcha gad
Kola gad
Dina gad
Jalang gad
Pilang gad
Dogadda gad
Andri gad
Barmand gad
Kamar gad

Continue… … …

Bhagirathi River
Syalma gad
Rano gad
Nkur gad
Khattu khal
Puhet khala
Khurmola gad
Atnauni gad
Nagun gad
Bhaneti gad
Malogi gad
Syansu gad
Ghattu khala
Kaleth gad
Maniyar Nala
Bhaintogi nala
Leti gad
Jagethi gad
Jaurasi gad
Kal Gadna
Indrawati gad
Kaul gad
Dhanari gad
Gamri gad
Dichli gad
Jalkur Nala
Bhilangna
Chandrabhaga gad
Ganga river

GANGA BASIN AND ITS RIVER NETWORK

Ganga River UID Code	02UK055R04312301
River Length (km)	119.92
Basin Area (sq.km.)	3876.31
Number of Named Rivers	190
Number of Unnamed Rivers	1638
Length of Named Rivers (km)	1655.50
Length of Unnamed Rivers (km)	2867.71

Figure 14: Ganga River Network in Uttarakhand

GANGA RIVER MAIN STEM FLOW DIAGRAM

GARRA BASIN AND ITS RIVER NETWORK

Garra River UID Code	02UK051R05529009
River Length (km)	61.46
Basin Area (sq.km.)	1355.72
Number of Named Rivers	70
Number of Unnamed Rivers	133
Length of Named Rivers (km)	622.43
Length of Unnamed Rivers (km)	278.31

Figure 15: Garra River Network in Uttarakhand

GARRA RIVER MAIN STEM FLOW DIAGRAM

PURVI NAYAR BASIN AND ITS RIVER NETWORK

Purvi Nayar River UID Code	02UK052R04686513
River Length (km)	118.08
Basin Area (sq.km.)	1925.57
Number of Named Rivers	70
Number of Unnamed Rivers	1818
Length of Named Rivers (km)	868
Length of Unnamed Rivers (km)	2751.96

Figure 16: Purvi Nayar River Network in Uttarakhand

PURVI NAYAR RIVER MAIN STEM FLOW DIAGRAM

RAMGANGA BASIN AND ITS RIVER NETWORK

Ramganga River UID Code	02UK047R04189101
River Length (km)	177.88
Basin Area (sq.km.)	10026.47
Number of Named Rivers	594
Number of Unnamed Rivers	4663
Length of Named Rivers (km)	5371.40
Length of Unnamed Rivers (km)	8032.78

Figure 17: Ramganga River Network in Uttarakhand

RAMGANGA RIVER MAIN STEM FLOW DIAGRAM

Continue… … …

Ramganga River
Dav Gad or Devta Gadhera
Mandal River
Pandali Rao
Sanguri Nala or Sanguri Sot
Dhulwa Rao
Gorkha Sot
Barsoti Sot
Kothidhunga Sot
Bilot Sot
Jaman Sot
Balabhata Sot
Ruina Sot
Sokharewar Sot
Boksgadi Sot
Kilani Sot
Phulai Sot
Aunla Sot
Gaujera Nala
Chua Pani
Palam River
Sona River
Sagra Sot_Sona River
Chuka Nala
UK State
UP State
Ganga River

SARDA BASIN AND ITS RIVER NETWORK

Sarda River UID Code	02UK053R04908901
River Length (km)	189.60
Basin Area (sq.km.)	10962.96
Number of Named Rivers	312
Number of Unnamed Rivers	6745
Length of Named Rivers (km)	3427.67
Length of Unnamed Rivers (km)	11662.38

Figure 18: Sarda River Network in Uttarakhand

SARDA RIVER MAIN STEM FLOW DIAGRAM

SONG BASIN AND ITS RIVER NETWORK

Song River UID Code	02UK055R04434610
River Length (km)	74.85
Basin Area (sq.km.)	1049.42
Number of Named Rivers	68
Number of Unnamed Rivers	308
Length of Named Rivers (km)	624.29
Length of Unnamed Rivers (km)	709.13

Figure 19: Song River Network in Uttarakhand

SONG RIVER MAIN STEM FLOW DIAGRAM

YAMUNA BASIN AND ITS RIVER NETWORK

Yamuna River UID Code	02UK057R04046709
River Length (km)	153.99
Basin Area (sq.km.)	5801.31
Number of Named Rivers	376
Number of Unnamed Rivers	4941
Length of Named Rivers (km)	2840.30
Length of Unnamed Rivers (km)	7358.86

Figure 20: Yamuna River Network in Uttarakhand

YAMUNA RIVER MAIN STEM FLOW DIAGRAM

Continue... ... ...

Yamuna River
Kisan Gad
Paletha Gad
Kasari Gad
Kamal River
Lam Gad
Rikhnar Gad
Gothar Gad
Barni Gad
Sari Gad
Thatari Gad
Sutara Gad
Khutno Gad
Diyari Gad
Seli Gad
Dabred Gad
Bhadri Gad
Chamer Gad
Bin Gad
Aglar River
Khira Gad

Continue... ... ...

Yamuna River
Kiar Kali
Dhauli Gad
Sarno Ka Khala
Barun
Bin River
Naro River
Amlawa River
Tons River
Asan River
Karaundiwala Rao
Bhurashan Rao
Mundionwati Rao
UK State
UP State
Ganga River

ganga

भारतीय प्रौद्योगिकी संस्थान कानपुर

INDIAN INSTITUTE OF TECHNOLOGY KANPUR