



भारत सरकार
जल शक्ति मंत्रालय
Government of India
Ministry of Jal Shakti

केंद्रीय जल आयोग
के अंतर्गत
भारत के बंद हो चुके जल विज्ञानीय प्रेक्षण स्थल
(01 जनवरी 2023 के अनुसार)

CLOSED HYDROLOGICAL OBSERVATION STATIONS IN INDIA

UNDER
CENTRAL WATER COMMISSION
(as on 01.01.2023)

केंद्रीय जल आयोग
नई दिल्ली



(June, 2023)

CENTRAL WATER COMMISSION
NEW DELHI





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**Member (RM)
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Central water Commission (CWC) is the apex organization in the country dealing with collection and compilation of river discharge data on important rivers across India. There are 1543 hydrological observation (H.O.) sites of CWC in India, distributed among 14 regional offices headed by Chief Engineers.

Developments across / along a river is a continuous phenomenon. Due to this, some of the sites are under review for shifting / closure. Keeping a record of such closed sites are important for tracking the developments/changes in the hydrological network over a period of time. It also helps the data indenters and stake holders who are dependent on this data for their research/study purposes. I hope this booklet would be found useful to data indenters and stakeholders, who are in the planning and development of Water Resources in the country

The H.O. data is being utilized by CWC for issuing flood forecasts and for issuing advance warning to the state authorities during high flood situation besides planning and development of water resources projects in the country by various central government departments, State Government, public sector undertakings and Academic / Research Institutes.

I would like to express my appreciation for work done by all field Chief Engineers, Sh. Davendra Pratap Mathuria, Chief Engineer (P&DO), and the work carried out by Shri Pankaj Kumar Sharma, Director of RDC-II Directorate, as well as the dedicated efforts of all officers of RDC-II Directorate in compiling & publishing this meta data book. I hope this book would prove to be useful by all officers of CWC, state governments and other Agencies involved in the planning and development of Water Resources in the country.





Shri Davendra Pratap Mathuria

**Chief Engineer (P&DO)
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Central Water Commission is involved in hydrological observation since very old times. At present, CWC has a dense network of H.O sites, which covers 33 Indian states and 19 hydrological basins. One of the primary functions of a hydrological observation site is to analyze the flow (discharge) in a river. The flow in the rivers is dynamic parameter and depends on many parameters such as rainfall, its distribution and intensity in the catchment, catchment characteristics and withdrawals / utilization of water etc. Because the river flow is dynamic, the hydrological observation sites established on these rivers also undergo changes, over a period of time; in terms of its characteristics and utilities. Accordingly, they may have to be upgraded / de-graded / shifted / closed etc. These changes need to be tracked down periodically, in order to maintain a healthy hydrological network for better management of water resources in the country.

River Data Compilation-II Directorate under Planning & Development Organisation has been entrusted with the publication of “closed hydrological observation sites under Central Water Commission”, the first publication being done in 2012. The second edition of this book was published during November 2020. The third edition was published during November 2021. The present book is 4th edition in the series titled “Closed Hydrological Observation Stations of Central Water Commission “and contains the details of 214 H.O. sites, closed as on 01.01.2023.

I am sure that this book shall be a very useful reference for diverse users, like, various Central Ministries and State Governments and their various line of departments, research Institutes involved in natural resources management in the country.



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INDEX FOR ORGANISATION WISE DETAILS OF HYDROLOGICAL OBSERVATION CLOSED STATIONS

(AS ON 01.01.2023)

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29	Bhupasarmudram	23	65	Hridaynagar	47	101	Lakhipur	20
30	Bijni	20	66	Husepur	56	102	Lakshmipuram	30
31	Bonsoi	49	67	Injaram	28	103	Landri	25
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126	Myntdu Stage-II Power House	16	162	Reshi Khola	49	198	Tikola	47
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128	Nandadih	21	164	Ridhore	31	200	Toka	29
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138	Nunwan	25	174	Shirti	31	210	Valsana	45
139	Nuranang chu	21	175	Shol	25	211	Vandur	31
140	Nuranangchu (RA IIII Site)	21	176	Shyampur	60	212	Yaparla	30
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Basin wise details of closed HO sites (as on 01.01.2023)

S.No.	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Grand Total
1	Cauvery Basin			2		2		4
2	EFR between Mahanadi and Pennar		1			1		2
3	Ganga	13	34	5	2	5	9	68
4	Brahmaputra	12	1	2	8			23
5	Barak and others	9	5		7			21
4	Godavari Basin	4	16			1		19
5	Indus(Up to Border) Basin	3	12		6	1		24
6	Krishna Basin	2	15	2	3	3		25
7	Mahanadi		2					2
8	Minor rivers drainage into Myanmar and Bangladesh	3						3
9	Narmada Basin		3	4		3		10
10	Mahi Basin			1		1		2
11	Tapi Basin	1		1		1		3
12	WFR from Tapi to Kanyakumari	1	4	1				6
13	WFR from Tapi to Tadri			2				2
	Grand Total	47	92	20	26	17	9	214

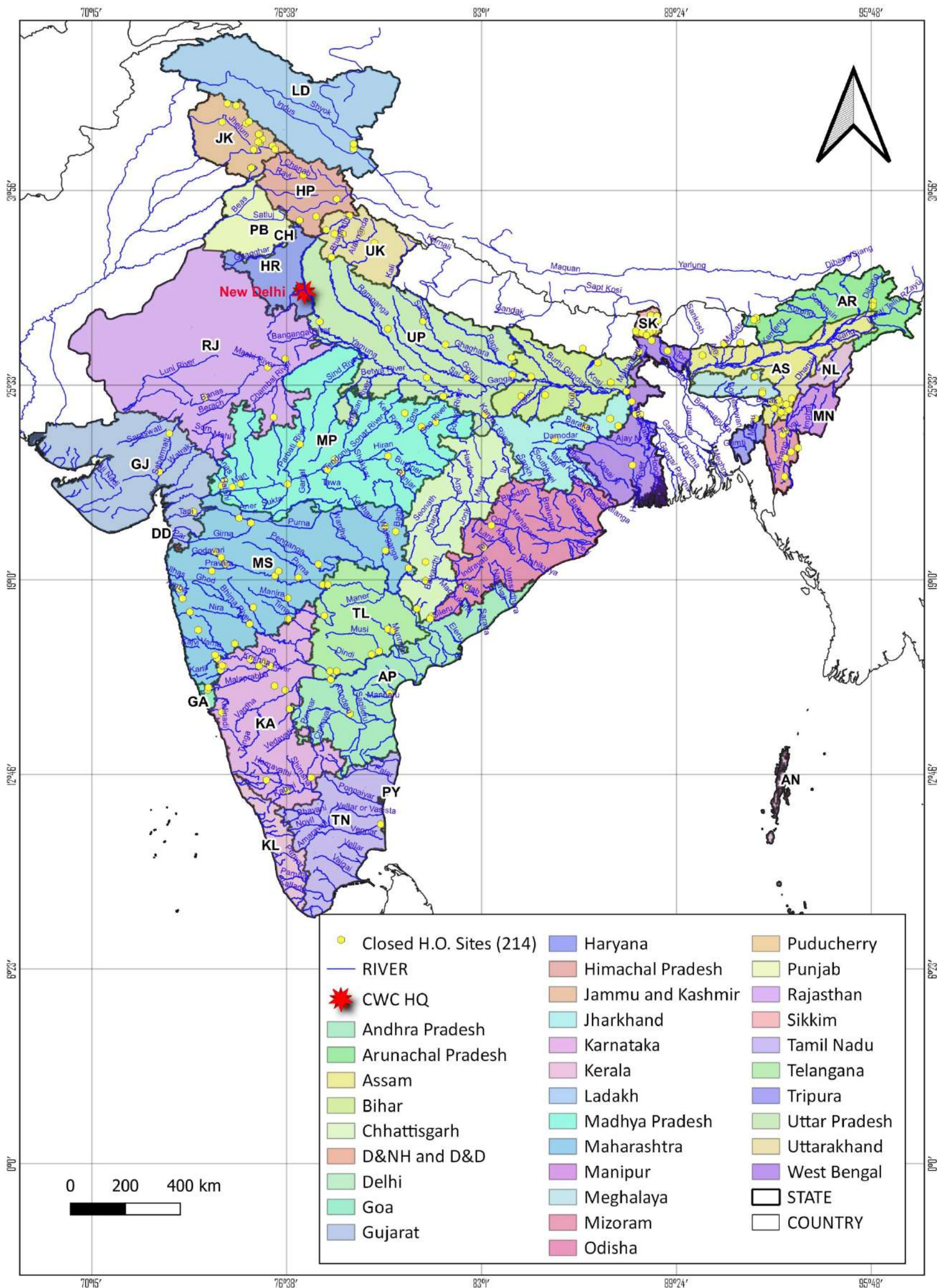
Division wise details of closed HO sites as on 01.01.2023

S.No	Name of Division	G	GD	GDQ	GDS	GDSQ	GQ	Grand Total
1	Cauvery Division, Bengaluru			2		2		4
2	Chambal Division, Jaipur	1	2	2				5
3	Chenab Division, Jammu	3	9		6			18
4	Damodar Division, Asansol	1	1		1			3
5	Himalayan Ganga Division, Haridwar		6					6
6	Hydrology Division, Chennai			3				3
7	Lower Ganga Division-I, Patna	1		1		1		3
8	Lower Ganga Division-II, Patna	2	3					5
9	Lower Brahmaputra Division, Jalpaiguri	4		1			2	7
10	Lower Ganga Division -III, Berhampore	4	1					5
11	Lower Godavari Division, Hyderabad	1	4					5
12	Lower Krishna Division, Hyderabad		6		3	2		11
13	Mahanadi Division, Burla		2					2
14	Mahi Division, Gandhinagar			1		1		2
15	Middle Brahmaputra Division, Guwahati	11						11
16	Meghna Investigation Division, Shillong		3		2			5
17	Middle Ganga Division-I, Lucknow			1				1
18	Middle Ganga Division-II, Lucknow		1			1		2
19	Middle Ganga Division-III, Varanasi	2	2	1		2		7
20	Narmada Division, Bhopal		3	4		3		10
21	North Eastern Investigation Division-I, Silchar	1	1		6			8
22	North Eastern Investigation Division-II, Aizawl	3	1		1			5
23	North Eastern Investigation Division-III, Itanagar	7	1		4			12
24	Sikkim Investigation Division, Gangtok	0	14	1	3		7	25
25	Snow Hydrology Division, Shimla		6					6
26	Tapi Division, Surat	1		1		1		3
27	Upper Godavari Division, Hyderabad	2	9			1		12
28	Upper Krishna Division, Pune	3	14	2		2		21
29	Upper Yamuna Division, New Delhi		1			1		2
30	Wainganga Division, Nagpur	1	3			1		5
	Grand Total	47	92	20	26	17	9	214

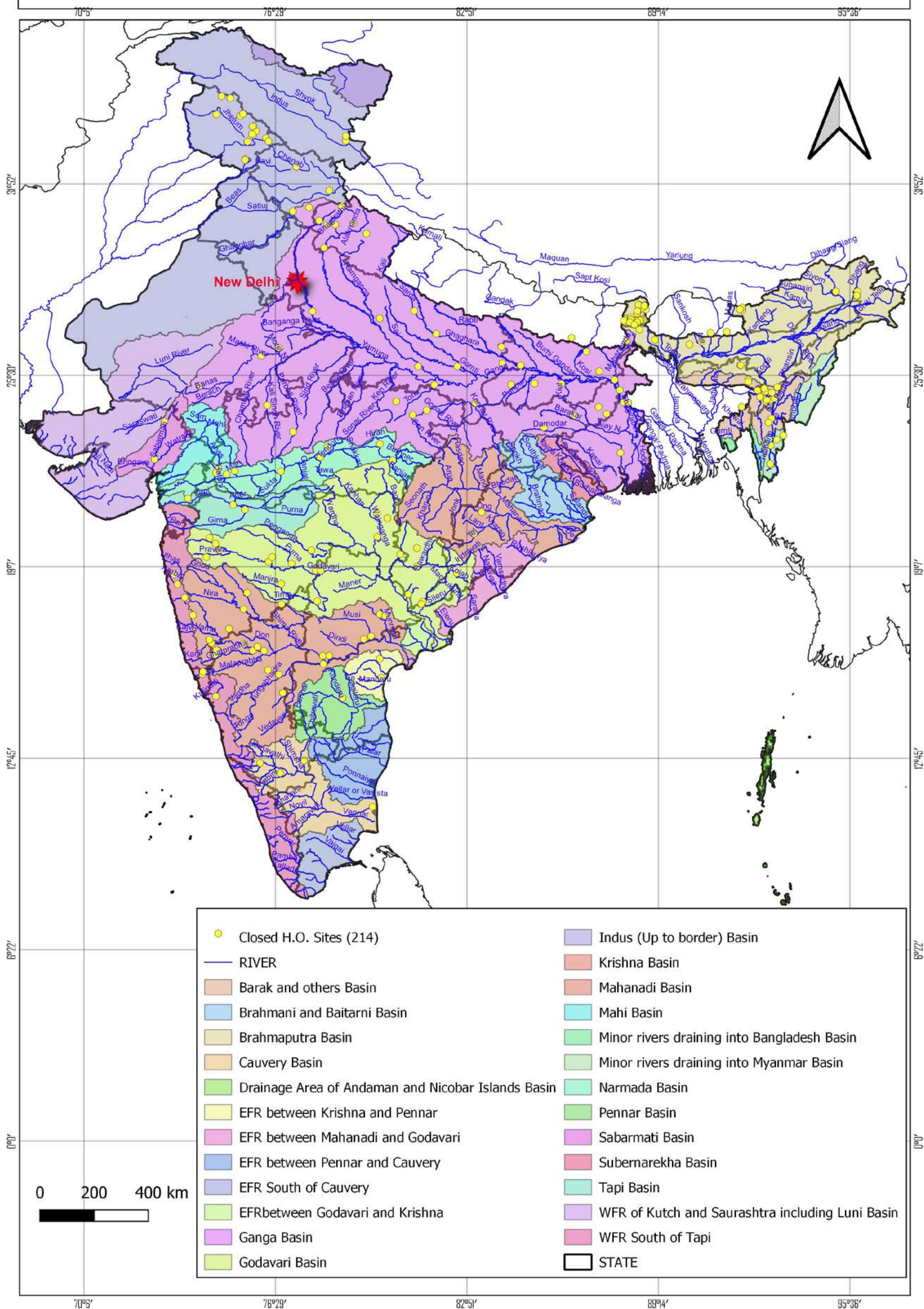
Organisation wise details of closed HO sites as on 01.01.2023

S.No	Name of Organisation	G	GD	GDQ	GDS	GDSQ	GQ	Grand Total
1	BBO Guwahati	18	1		4			23
2	BOBO Shillong	4	5		9			18
3	CSRO Coimbatore			3				3
4	IBO Chandigarh	3	15		6			24
5	KGBO Hyderabad	6	33	2	3	5		49
6	LGBO Patna	5	5	2		3		15
7	MCO Nagpur		5					5
8	MERO Bhubaneswar		2					2
9	MSO Bengaluru			2		2		4
10	MTBO Gandhinagar	1		2		2		5
11	NBO Bhopal		3	4		3		10
12	T&BDBO Kolkata	9	16	2	4		9	40
13	UGBO Lucknow		7	1		1		9
14	YBO New Delhi	1	3	2		1		7
Grand Total		47	92	20	26	17	9	214

STATEWISE DISTRIBUTION OF CLOSED HYDROLOGICAL OBSERVATION SITES UNDER CWC



BASIN WISE DISTRIBUTION OF CLOSED HYDROLOGICAL OBSERVATION SITES UNDER CWC



A topographic map of India with the Barak basin highlighted in green. The map shows the geographical features of India, including the Himalayas in the north, the Deccan Plateau in the west, and the Eastern Ghats in the east. The Barak basin is located in the northeastern part of India, covering parts of Assam, Meghalaya, and Tripura. The text "BARAK AND OTHER BASIN ORGANISATION" is overlaid on the map in a bold, blue, serif font.

BARAK AND OTHER BASIN ORGANISATION

	Region	Barak & Other Basins Organization, Shillong
	Circle	North Eastern Investigation Circle, Shillong
	Division	North Eastern Investigation Division-I, Silchar

State: Assam					River Basin: Barak and others Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq Km	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Kashithal	Cachar	HOIW	2022	Sonai	GDS	02/07/2009	27/10/2019	24.5436	92.9569
2.	Kulicherra	Cachar	HOIW	731	Rukni	GDS	29/06/2009	27/10/2019	24.4908	92.8080
State: Meghalaya					River Basin: Barak and others Basin					
1.	Myntdu Stage-II Dam Site	East Jaintia Hills	HOIW	480	Barak/ Myntdu	GDS	02/09/2004	23/07/2015	25.2202	92.2258
2.	Myntdu Stage-II Power House	East Jaintia Hills	HOIW	NA	Barak/ Myntdu	G	05/08/2004	23/07/2015	25.1566	92.2170
3.	Sohpdok (Umri project)	Ri-Bhoi	HOIW	0.31	Brahmaputra/ Umri	GDS	01/06/2015	16/06/2019	25.7008	91.9519
4.	Sohpdok (Umsiang project)	Ri-Bhoi	HOIW	11.48	Brahmaputra/ Umsiang	GDS	01/06/2015	16/06/2019	25.7019	91.9669
State: Mizoram					River Basin: Barak and others Basin					
1.	Tuivawl	Aizawl	HOIW	756	Tuivawl	GDS	19/04/1997	26/09/2003	23.9286	92.9852
2.	Zow khather	Champhai	HOIW	NA	Tyao/Tuipui	GD	11/05/2002	06/03/2006	23.3665	93.3861

Region	Barak & Other Basins Organization, Shillong
Circle	North Eastern Investigation Circle, Shillong
Division	North Eastern Investigation Division-II, Aizawl

State: Mizoram					River Basin: Barak and others Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq Km	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Bailey Bridge Tuipui	Champai	HOIW	735	Kolodyne/ Tuipui	GD	07/12/2006	22/09/2016	23.2266	93.1644
2.	Liapha	Lawngtlai & Saiha	HOIW	13400	Kolodyne	G	09/11/1994	20/04/1996	22.3913	92.9652
3.	New Latowh	Lawngtlai & Saiha	HOIW	13400	Kolodyne	G	12/08/1999	28/01/2007	22.4211	92.9447
4.	Tuichang Power House site	Lunglei	HOIW	1430	Kolodyne/ Tuichang	G	07/01/2006	31/12/2010	23.0347	92.9663
5.	Tuirini	Aizawl	HOIW	380	Tuirini	GDS	01/08/1997	28/02/2004	23.7947	92.8888

Region	Barak & Other Basins Organization, Shillong
Circle	Meghna Circle, Silchar
Division	Meghna Investigation Division, Shillong

State: Assam					River Basin: Barak and others Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub- Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Borhkhola	Cachar	HO	598	Jatinga	GDS	06/04/1984 23/04/1984 16/07/1984	28/02/1990 28/02/1990 28/02/1990	24.9244	92.762
2	S.L. Road Bridge	Cachar	HO	432	Chiri	GD	09/01/1979 01/06/1979	28/02/1990 28/02/1990	24.8125	92.7625
3	Lakhipur	Cachar	HO	14450	Barak	GDS	01/06/1985 01/06/1985 01/06/1985	28/02/1990 28/02/1990 28/02/1990	24.7931	93.0044
State: Manipur					River Basin: Barak and others Basin					
1.	Jakuradhor	Jiribam	HO	13400	Barak	GD	15/05/1990 30/07/1990	29/12/1999 29/12/1999	24.6125	93.0888
2.	Makru N.H. Road Bridge	Jiribam	HO	505	Makru/ Barak	GD	05/04/1983 11/04/1983	30/06/2003 30/06/2003	24.9750	93.1838

A topographic map of the Indian subcontinent. The Brahmaputra basin, covering parts of India, Bangladesh, and China, is highlighted in a light green color. The surrounding land areas are shown in shades of brown and tan, representing different elevations. The surrounding water bodies, including the Indian Ocean and the Bay of Bengal, are shown in light blue. The text "BRAHMAPUTRA BASIN ORGANISATION" is overlaid in the center of the map.

BRAHMAPUTRA BASIN ORGANISATION

Region	Brahmaputra Basin Organization, Guwahati
Circle	Hydrological Observation Circle, Guwahati
Division	Middle Brahmaputra Division Guwahati

State: Assam					River Basin: Brahmaputra Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Bijni	Bongaigaon	HO	120	Brahmaputra/ Dulani	G	03/05/1988	2006	26.4836	90.6600
2.	Chowki	Baksa (BTAD)	HO	400	Brahmaputra/ Pagladiya	G	01/05/1971	01/11/1988	26.8167	91.5000
3	Saralpara	Kokrajhar	-	125	Brahmaputra/ Gaurang	G	18/05/1994	11/01/2020	26.3966	90.2591
4.	Anna Purna Ghat	Cachar	HO	18000	Barak	G	22/04/1972	01/11/2020	24.8319	92.7933
5.	Badarpur Ghat	Karimganj	HO	24216	Barak	G	01/04/1998	01/11/2020	24.8666	92.5216
6.	Dholai	Cachar	HO	562	Sonai	G	05/01/1973	01/11/2020	24.5388	92.8327
7.	Lakhipur	Cachar	HO	13930	Barak	G	22/04/1972	01/11/2020	24.7902	93.0047
8.	Matizuri	Hailakandi	HO	7770	Kathakal	G	15/05/1978	01/11/2020	24.6483	92.6083
9.	Borkhola	Cachar	HO	598	Jatinga	G	11/03/1992	01/11/2020	24.9291	92.7486
State: Tripura					River Basin: Brahmaputra Basin					
1.	Sonamura	Sepahijala	HO	2250	Gumti	G	18/02/1992	01/11/2020	23.4875	91.2850
2.	Kailashahar	Unokoti	HO/FF	2228	Manu	G	01/05/1992	11/01/2020	24.3161	91.9930

Region	Brahmaputra Basin Organization, Guwahati
Circle	Hydrological Observation Circle, Guwahati
Division	North Eastern Investigation Division-III, Itanagar

State: Arunachal Pradesh					River Basin: Brahmaputra Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq Km	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Deopani	Lower dibang	HOIW	100	Dibang/ Deopani	G	01/09/1991	31/05/2003	28.158667	95.8471
2.	Jia	Lower dibang	HOIW	6	Kundil/Jia	G	11/04/2000	31/05/2007	27.999167	95.8313
3.	Kenkut	Lower dibang	HOIW	2	Kundil/ Kenkut	GDS	09/12/1999	31/05/2007	28.161472	95.1305
4.	Kopupani	Lower dibang	HOIW	50	Kundil/Kopupani	G	06/06/1999	31/05/2007	28.023333	95.8313
5.	Nuranang chu	Tawang	HOIW	52	Brahmaputra/ Manas/ Tawang Chu/ Nurang Chu	G	21/05/2001	31/05/2007	27.589112	91.9843
6.	Nuranangchu (RA IIII Site)	Tawang	HOIW	80	Tawang/ Nuranang Chu	GDS	21/05/2001	31/05/2007	27.551389	92.0205
7.	Nyukcharong Chu (Diversion Site)	Tawang	HOIW	1128	Tawang Chu/ Nyukcharong Ch	G	28/09/1999	30/06/2014	27.625556	92.0111
8.	Rong Chu	Tawang	HOIW	5	Tawang Chu/ Nyukcharong Chu/ Rong Chu	GD	14/12/1998	31/04/2014	27.6255	92.0111
9.	Yusum Village	Tawang	HOIW	2484	Tawang Chu	GDS	02/12/2000	31/04/2014	27.5636	91.9366
State: Jharkhand					River Basin: Brahmaputra Basin					
1.	Balpahari Barrage site	Dhanbad/ Giridih	HOIW	5348	Ganga/ Damodar/ Barakar	G	01/02/2007	31/03/2012	24.0438	86.3969
2.	Dam Site Balpahari	Dhanbad/ Giridih	HOIW	5348	Ganga/ Damodar/ Barakar	G	01/02/2007	31/03/2012	24.0605	86.3783
3.	Nandadih	Giridih	HOIW	5348	Ganga/ Damodar/ Baraka	GDS	01/02/2007	21/08/2014	24.0325	86.4330

A topographic map of India with the Cauvery river basin highlighted in green. The map shows the geographical context of the river basin, including its location in the southern part of the country and its proximity to the Bay of Bengal. The text "CAUVERY AND SOUTHERN RIVER BASIN ORGANISATION" is overlaid on the map in a bold, blue, serif font.

CAUVERY AND SOUTHERN RIVER BASIN ORGANISATION

Region	Cauvery and Southern Rivers Organization, Coimbatore
Circle	Cauvery & Southern Rivers Circle, Bengaluru
Division	Hydrology Division, Chennai

State: Andhra Pradesh					River Basin: Krishna Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/Tributary Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Bhupasarmudram	Anantapur	HO	15026	Krishna/ Tungabhadra/ Vedavathi	GDQ	01/12/1978 01/12/1978 01/10/1986	15/07/2004 15/07/2004 15/07/2004	14.6278	78.7111
State: Karnataka					River Basin: Krishna					
2	A.K. Bridge	Chitradurga	HO	1752	Krishna/ Tungabhadra/ Hagari	GDQ	01/08/1979 03/06/1980 01/08/1986	15/07/2004 15/07/2004 15/07/2004	14.7916	76.7250
State: Tamil Nadu					River Basin: Cauvery					
1.	Uccadai	Thiruvarur	HO	-	Cauvery /Nandalar	GDQ	01/02/1998 25/10/1999 01/09/2000	31/07/2004 31/07/2004 31/07/2004	11.0055	79.7111

A topographic map of the Indus Basin region, showing the mountainous terrain of the Himalayas and the surrounding plains. The map is color-coded to represent elevation, with green for lower elevations and brown for higher elevations. The Indus River and its tributaries are clearly visible, flowing through the region. The text "INDUS BASIN ORGANISATION" is overlaid in the center of the map.

INDUS BASIN ORGANISATION

Region	Indus Basin Organization, Chandigarh
Circle	Monitoring and Appraisal Directorate, Jammu
Division	Chenab Division, Jammu

Union Territory: Jammu & Kashmir						River: Indus (Up to Border) Basin				
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Arthal	Kishtwar	HO	7760	Chenab	GD	05/07/1964 05/07/1964	01/03/1991 01/03/1991	33.2666	76.1666
2.	Benzwar	Kishtwar	HO	10687	Chenab	GDS	15/08/1961 27/08/1961 11/08/1972	01/08/2003 01/08/2003 01/08/2003	33.3666	75.7500
3.	Kiyar Nalla	Doda	HO	390	Marusudar	GD	14/06/1968	01/03/1991	33.5000	75.8333
4.	Kharpora	Anantnag	HO	880	Vishow	GD	01/10/1989 23/10/1989 observation closed due to militancy. Observation re-started from 01/09/2003	2009 2009	34.0547	74.5141
5.	Kuriya	Kishtwar	HO	3960	Marusudar	GDS	01/07/1961 01/07/1961 13/01/1968	01/08/1991 01/08/1991 01/08/1991	33.4000	75.7000
6.	Loma	Leh	HO	3094	Indus	G	01/11/2006	01/11/2010	33.1692	78.8238
7.	Tillar	Jammu	HO	2800	Marusudar	GDS	01/06/1961 01/06/1961 15/08/1962	01/03/1991 01/03/1991 01/03/1991	33.6666	75.7500
8	Nunwan	Anantnag	FF	585	Jhelum / Lidder	GD	1/10/1989	11/4/2016	34.0075	75.3072
9.	Ujj Dam Site	Kathua	HOIW	854	Ravi/Ujj	GD	10/10/2009	30/06/2015	32.5633	75.4877
10.	Ujj PH Site	Kathua	HOIW	880	Ravi/Ujj	GD	01/10/2010	30/06/2015	32.5394	75.4664
11.	Lidari	Doda	HO	-	Chenab	G	29/07/1989	31/04/2014	33.3333	78.8238
12.	Landri	Doda	HO	6	Chenab/Chilla/ Khud	GD	16/12/1991	31/03/2012	33.1400	75.5480
13.	Nassari	Doda	HO	31	Chenab/ Nachar Nallah	GD	01/01/1992	31/03/2012	33.1456	75.5482
14.	U/S of Kishanganga	Bandipora	HO	979.84	Kishanganga	GD	06/01/2019	31/10/2020	34.5955	74.9777
15.	D/S of Kishanganga	Bandipora	HO	3036	Kishanganga	GDS	06/01/2019	31/10/2020	34.6577	74.6891
16.	Navapachi	Kishtwar	HO	2973	Marusudar	GDS	06/01/2019	31/10/2020	33.6517	75.7156
17.	Chandanwari	Anantnag	HO	135	Lidder	G	13/06/2019	31/10/2020	34.0691	75.3993
18.	Shol	Kishtwar	HO	-	Chenab	GDS	01/06/2019 01/07/2020	31/03/2021	33.1561	76.2488

	Region	Indus Basin Organization, Chandigarh
	Circle	Monitoring & Appraisal Directorate, Shimla
	Division	Snow Hydrology Division, Shimla

State: Himachal Pradesh					River: Yamuna					
S. No.	Site Name	District	HO/FF/HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Chopal	Shimla	HO	-	Yamuna/Pabbar/Humal Khud	GD	01/07/1992	10/11/2003	30.9545	77.5942
2.	Neoti	Shimla	HO	-	Yamuna/Pabbar/Humal Khud	GD	01/07/1992	10/11/2003	26.7504	81.8329
State: Himachal Pradesh					River: Indus (Up to Border) Basin					
1.	Palchan	Kullu	HO	-	Satluj/Beas	GD	24/11/2003	15/11/2009	32.3097	77.1740
2.	Powari	Kinnaur	HO	-	Satluj	GD	25/05/2006	09/03/2017	31.5235	78.2711
3.	Solang Nala	Kullu	HO	-	Satluj/Beas/Solang Nala	GD	04/12/2003	15/11/2009	32.3112	77.1727
State: Himachal Pradesh					River: Indus (Up to Border) Basin					
1.	Sundli Nala	Shimla	HO	4.86	Yamuna/ Pabbar/ Sundli Nala	GD	01/01/1984 01/08/1984	30/11/2009 30/11/2009	30.8259	77.0580

A topographic map of India with the Krishna and Godavari basins highlighted in green. The map shows the geographical context of these basins within the Indian subcontinent, with the surrounding terrain in shades of brown and grey. The text "KRISHNA AND GODAVARI BASIN ORGANISATION" is overlaid in blue.

KRISHNA AND GODAVARI BASIN ORGANISATION

	Region	Krishna and Godavari Basin Organization, Hyderabad
	Circle	Godavari Circle, Hyderabad
	Division	Lower Godavari Division, Hyderabad

State: Chhattisgarh					River Basin: Godavari Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Injaram	Dantewada	HO	12925	Godavari/ Sabri/	GD	06/01/1964 19/01/1966	04/08/2006 04/08/2006	17.8333	81.3833
2.	Nelsanar	Dantewada	HO	19600	Godavari/ Indravati	G	01/06/1995	31/05/2004	19.0000	81.1833
State: Andhra Pradesh					River Basin: Godavari Basin					
1	Tegada (Cherla)	Khammam	HO	3295	Godavari/ Taliperu	GD	21/06/1971 22/06/1971	31/05/1989 31/05/1989	18.0833	80.9000
2	Pochavaram	Khammam	HO	305460	Godavari	GD	11/03/1964 28/03/1965	31/05/1977 31/05/1977	17.7500	81.3333
State: Odisha					River Basin: Godavari Basin					
1.	Kotta	Koraput	HO	1710	Godavari/Sabari/Kolab	GD	01/05/1968 01/05/1968	01/06/1988 01/06/1988	18.7833	82.5166

Region	Krishna Godavari Basin Organization, Hyderabad
Circle	Godavari Circle, Hyderabad
Division	Upper Godavari Division, Hyderabad

State: Maharashtra						River Basin: Godavari				
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Ashwi	Ahmednagar	HO	1820	Godavari/ Pravara	GD	11/05/1972 11/05/1972	30/06/1996 30/06/1996	19.5500	74.6000
2.	Babli	Nanded	HO	55510	Godavari	GD	12/08/1963 23/12/1965	31/05/1978 31/05/1978	18.8666	77.8166
3.	Bhatkhedda	Lathur	HO	4650	Godavari/Manjira	GD	09/06/1989 19/07/1989	30/04/2006 30/04/2006	18.4272	76.6727
4.	Chass	Ahmednagar	HO	5230	Godavari	GD	02/08/1972 02/08/1972	30/06/1997 30/06/1997	19.9555	74.2875
5.	Ghargaon	Ahmednagar	HO	626	Godavari/ Pravara/ Mula	GD	09/06/1989 29/07/1991	30/04/2006 30/04/2006	19.3202	74.1786
6.	Manjlegaon	Bheed	HO	3960	Godavari/ Sindhapana	GDSQ	23/09/1963 01/01/1965 01/05/1967 19/06/1966	30/06/1997 30/06/1997 30/06/1997 30/06/1997	19.1666	76.2500
7.	Mula Dam	Ahmednagar	HO	2280	Godavari/ Pravara/ Mula	G	12/6/1978	31/10/2006	19.3166	76.3666
8.	Phalla	Parhbhani	HO	35190	Godavari	GD	16/01/1964 14/01/1965	01/12/1986 31/05/1976	19.1000	77.0166
9.	Rajawadi	Parhbhani	HO	4100	Godavari/ Dudhana	G	21/06/1977	04/07/2003	19.5500	74.6166
10.	Toka	Ahmednagar	HO	16250	Godavari	GD	08/01/1964 21/08/1964	30/11/1974 30/11/1974	19.61666	81.1833
State: Andhra Pradesh						River Basin: Godavari				
1	Raipalli	Medak	HO	15880	Godavari/ Manjira	GD	11/06/1964 25/07/1965	31/05/1987 31/05/1987	17.8500	77.8666
2.	Basar	Adilabad	HO	86600	Godavari	GD	11/08/1963 25/07/1965	31/05/1982 31/05/1982	18.8666	77.9833

Region	Krishna and Godavari Basin Organization, Hyderabad
Circle	Krishna and Co-ordination Circle, Hyderabad
Division	Lower Krishna Division, Hyderabad

State: Andhra Pradesh					River Basin: Krishna					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq. Km	River Name/Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Damarapadu	Guntur	HO	215350	Krishna	GDS	15/03/1964 01/01/1965 01/06/1965	01/12/1975 01/12/1975 01/12/1975	16.5833	79.4166
2	Lakshmipuram	Kurnool	HO	2400	Krishna/ Tungabhadra/ Hundri	GD	18/06/1984 13/09/1984	31/05/2006 31/05/2006	15.7583	78.0750
3	Morvakonda	Kurnool	HO	210500	Krishna	GDS	10/05/1965 20/12/1965 18/01/1966	31/05/1981 31/05/1981 31/05/1981	16.0333	78.2666
4	Pondugala	Guntur	HO	221220	Krishna	GDSQ	01/11/1972 13/11/1975 01/12/1975 01/12/1975	31/05/2007 31/05/2007 31/05/2006 31/05/2006	16.6838	79.6611
5	Purushothamagudem	Warangal	HO	2720	Krishna/ Munneru/ Akeru	GD	01/08/1987 01/09/1987	31/05/2006 31/05/2006	17.4166	79.9500
6.	Yaparla	Mahbubnagar	HO	136618	Krishna	GD	10/09/1971 11/09/1971	31/05/1981 31/05/1981	16.0333	78.0500
State: Karnataka					River Basin: Krishna Basin					
1.	Dhannur	Bijapur	HO	48900	Krishna	GDS	01/06/1968 01/06/1968 15/09/1972	31/12/1976 01/06/1976 01/06/1976	16.2000	76.1000
2.	Kamplibridge	Raichur	HO	33018	Krishna/ Tungabhadra	GD	20/06/1972 10/07/1972	31/05/1973 31/05/1973	15.4088	76.5870
3.	Thammavaram	Prakasam	HO	7889	Gundlakamma/ Gundlakama	GDSQ	09/09/1977 09/09/1977 01/06/1979 01/06/1979	31/05/2007 31/05/2007 31/05/2007 31/05/2007	15.9333	79.9522
4.	Kalikavaya Bitragunta	Prakasam	HO	2420	Krishna	GD	15/09/1989	01/06/2006	15.3027	80.0041
State: Telangana					River Basin: Krishna					
1	Darredu	Khammam	HO	3100	Krishna	GD	16/11/201 6 16/11/201 6	01/01/2021 01/01/2021	17.36679	80.13028

Region	Krishna and Godavari Basin Organization, Hyderabad
Circle	Krishna and Co-ordination Circle, Hyderabad
Division	Upper Krishna Division, Pune

State: Maharashtra					River Basin: West flowing rivers from Tapi to Kanyakumari					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq Km	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Adavali	Sindudurg	HO	835	Gad	GDQ	01/04/1986 01/01/1987 04/08/1992	03/07/2000 03/07/2000 03/07/2000	16.2000	74.5666
2.	Kolad	Raigarh	HO	294	Kundalika	GD	04/07/1996 13/09/1996	31/05/2006 31/05/2006	18.4166	73.2166
3.	Pali	Raigad	HO	310	Amba/ Amba	GD	21/06/1980 27/09/1980	01/06/1987 30/11/1986	17.9716	73.4586
4.	Poladpur	Raigarh	HO	264.8	Savitri	G	04/07/1997	31/05/2006	17.9716	73.4586
State: Maharashtra					River Basin: West Flowing Rivers from Tapi to Tadri					
1.	Pen	Raigad	HO	125	Bhogeswari	GDQ	22/07/1996 17/09/1996 04/06/2019	31/05/2021 31/05/2021 31/05/2021	18.7366	73.1108
State: Maharashtra					River Basin: Krishna Basin					
1.	Bastawade	Kolhapur	HO	640	Krishna/ Dudhganga/ Vedgana	GD	24/06/1979 27/08/1979	31/05/2007 31/05/2007	16.4500	74.3500
2.	Boriomerga	Sholapur	HO	2640	Krishna/ Bhima/ Borinala	GD	01/06/1979 25/07/1979	31/05/2007 31/05/2006	15.5500	76.2333
3.	Chincholi	Osmanabad	HO	830	Krishna/ Bhima/ Bennithora	GD	01/06/1979 01/08/1979	31/05/2006 31/05/2006	17.7500	76.6833
4.	Koyna	Satara	HO	920	Krishna/ Koyna	GD	17/07/1972 15/10/1972	31/05/2007 31/05/2007	17.3833	73.7333
5.	Ridhore	Solapur	HO	7810	Krishna/Bhima /Sina	G	03/02/1990	01/06/2006	18.1266	75.5352
6.	Shirti	Sangil	HO	12660	Krishna	GD	05/09/1963 21/09/1967	20/12/1969 20/12/1969	19.7631	74.4838
7.	Siddhewadi	Solapur	HO	4807	Krishna/ Bhima/ Man	G	27/07/1986	01/06/2006	17.5833	75.4166
8.	Vandur	Kolhapur	HO	550	Krishna/ Dudhganga	GD	01/03/1979 18/07/1979	31/05/2007 31/05/2007	16.5666	74.2833
State: Karnataka					River Basin: Krishna					
1.	Bagalkot	Bagalkot	HO	8610	Krishna/ Ghatprabha	GDSQ	16/10/1963 20/04/1967 22/08/1972 01/08/1972	30/09/2000 03/07/2000 30/06/2000 30/06/2000	16.2041	75.7233
2.	Daddi	Belgaum	HO	1150	Krishna/ Ghataprabha	GD	01/12/1978 01/12/1978	31/05/2007 31/05/2007	16.0666	74.4666
3.	Galgali	Bagalkot	HO	22560	Krishna	GDSQ	21/02/1976 21/02/1976 07/08/1978 01/01/1980	31/05/2001 31/05/2001 31/05/2001 08/11/2000	16.4250	75.4386
4.	Gotur	Belgaum	HO	1100	Krishna/ Ghatapuabha/ Hiranyakeshi	GD	21/06/1979 17/06/1980	31/05/2007 31/05/2007	16.2160	74.5166
5.	Pandegaon	Belgaum	HO	690	Krishna / Agrani	GD	21/08/1979 06/10/1979	31/05/2007 31/05/2007	16.9333	74.9333
6.	Almatti	Bijapur	HO/ FF	36286	Krishna	GD	12/01/1965	06/01/1976	16.3333	75.8833

State: Goa				River Basin: West flowing rivers from Tapi to Kanyakumari						
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area Sq. Km	River Name/ Tributary/Sub- Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Khandepar at Usagaon	North Goa	HO	364	Mandovi/ Khandepar	GD	26/05/1971 26/05/1971	15/12/1979 15/12/1979	15.4166	74.0500
2.	Madei at Usagaon	North Goa	HO	543	Mandovi	GD	26/05/1971 26/05/1971	20/01/1979 20/01/1979	15.5000	74.0666

A topographic map of the Indian subcontinent. The landmass is colored in shades of green and brown, representing different elevations. The surrounding oceans are light blue. The text 'LOWER GANGA BASIN ORGANISATION' is overlaid in the center of the map.

LOWER GANGA BASIN ORGANISATION

Region	Lower Ganga Basin Organization, Patna
Circle	Monitoring Directorate, Patna
Division	Lower Ganga Division-1, Patna

State: Bihar					River Basin: Ganga					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Balan (HW)	Madhubani	HO	160	Ganga/ Kosi/ Kamla- Balan/ Balan	G	24/06/1970	16/10/2005	26.6166	86.3333
2.	Banmankhi	Purnia	HO	657	Ganga/ Kosi/ Farianidhar	GDSQ	30/11/1976 30/11/1976 01/11/1977 15/11/1977	16/10/2003 16/10/2003 16/10/2003 16/10/2003	25.5047	87.2541
3.	Pipra	Saharsha	HO	76	Ganga/ Kosi/ Parwandhar	GDQ	21/12/1976 03/11/1977 15/02/1977	31/05/2002 31/05/2002 31/05/2002	26.1572	86.8305

Region	Lower Ganga Basin Organization, Patna
Circle	Monitoring Directorate, Patna
Division	Lower Ganga Division-II, Patna

State: Bihar					River Basin: Ganga					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Sinhaghat	Bhojpur	HO	610130	Ganga	GD	12/04/1959 12/04/1959	01/02/2005 01/02/2005	25.6952	84.6383
2.	Sono	Munger	HO	440	Ganga/ Kiul/ Bernar	G	01/06/1979	31/05/2002	24.0833	87.5000
3.	Garhi	Munger	HO	260	Ganga/ Kiul	G	01/06/1979	31/05/2002	25.0833	86.0000
4.	Miachak	Gaya	HO	2802	Ganga/ Punpun/ Morhar	GD	21/08/1959 21/08/1958	31/05/2002 31/05/2002	25.0972	85.0986
5.	Nasriganj	Rohtas	HO	-	Sone	GD	01/07/1970	01/05/2005	25.0574	84.3235

Region	Lower Ganga Basin Organization, Patna
Circle	Hydrological Observation Circle, Varanasi
Division	Middle Ganga Division-III, Varanasi

State: Uttar Pradesh					River Basin: Ganga					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Sirsa	Allahabad	HO	482741	Ganga	G	12/06/1971	03/07/2002	25.6666	81.225
2.	Phephna	Ballia	HO	7722	Ganga	GD	11/07/1970 11/07/1970	01/02/2007 01/02/2007	25.7666	84.0333
3.	Tons Aquaduct	Allahabad	HO	16311	Ganga	G	21/08/1969	01/12/2007	25.0500	81.7666
4.	Kota	Sonbhadra	HO	5900	Ganga/Kanhar	GDSQ	01/01/1976 01/01/1976 01/08/1987 01/01/1987	22/10/2003 22/10/2003 22/10/2003 22/10/2003 (Shifted)	24.4500	83.1333
State: Madhya Pradesh					River Basin: Ganga					
1	Phaphund	Shahdol	HO	6598	Ganga	GDSQ	19/04/1974 19/04/1974 01/02/1989 01/11/1980	22/10/2003 22/10/2003 22/10/2003 22/10/2003	24.0500	81.0500
2	Nauriya	Sidhi	HO	2520	Ganga/ Bonas	GD	19/11/1976 19/11/1976	16/04/2006 16/04/2006	24.2000	81.5166
State: Bihar					River Basin: Ganga					
1	Karamnasa	Rohtas	HO	3027	Ganga	GDQ	11/07/1970 11/07/1970 01/06/1971	22/10/2003	25.6666	82.5333

A topographic map of India with the Mahanadi river basin highlighted in green. The map shows the geographical context of the region, including the Arabian Sea to the west and the Bay of Bengal to the east. The text "MAHANADI & EASTERN RIVERS ORGANISATION" is overlaid in the center of the green area.

MAHANADI & EASTERN RIVERS ORGANISATION

Region	Mahanadi and Eastern Rivers Organisation, Bhubaneswar
Circle	Hydrological Observation Circle, Bhubaneswar
Division	Mahanadi Division, Burla

State: Odisha					River Basin: Subarnarekha					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Pandigaon	Kalahandi	HO	6060	Mahanadi / Tel	GD	28/03/1989 16/06/1989	21/12/1998 21/12/1998	20.0930	83.0833
2	Sukma	Bolangir	HO	1365	Mahanadi / Tel / Suktel	GD	20/06/1987 20/06/1989	15/07/2003 15/07/2003	20.8144	83.3388

A topographic map of the Indian subcontinent and surrounding regions. The map shows the Indian subcontinent in the center, with the Arabian Sea to the west and the Bay of Bengal to the east. The surrounding landmasses, including parts of China, Nepal, and Bangladesh, are visible. The map uses a color gradient to represent elevation, with green for low-lying areas and brown for higher elevations. The text "MONITORING CENTRAL ORGANISATION" is overlaid in the center of the map.

MONITORING CENTRAL ORGANISATION

Region	Monitoring (Central) Organisation, Nagpur
Circle	Monitoring Central, Nagpur
Division	Wainganga Division, Nagpur

State: Maharashtra					River Basin: Godavari					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Marlegaon	Yavatmal (HQ)	HO	7410	Godavari/Pranhita/ Penganga	GD	16/08/1963 01/09/1964	31/10/2005 31/10/2005	19.5411	77.6719
2	Medapalli	Gadchiroli (HQ)	HO	2031	Godavari/Pranhita/ Penganga	GD	23/06/1965 19/12/1966	31/10/2005 31/10/2005	19.4116	80.6302
3	Ambgaon (Bagdi)	Bhandara	HO	2150	Godavari/Pranhita/ Wainganga/ Chulband	GDSQ	04/07/2019 18/10/2019 01/08/2019	-	20.7783	79.8513
4	Bhagwanpur (Kurkheda)	Gadchiroli	HO	275	Godavari/Pranhita/ Wainganga/ Khobragarhi/Sati	G	26-06-2019	-	20.6127	80.2042
5	Markandadeo	Gadchiroli	HO	47065	Godavari/Pranhita/ Wainganga	GD	01/06/2019 01/06/2020	-	19.99167	79.87

A topographic map of South Asia, showing the Indian subcontinent and surrounding regions. The map uses color to represent elevation, with green for lower elevations and brown/tan for higher elevations. The text "MONITORING SOUTH ORGANISATION" is overlaid in the center in a bold, blue, serif font.

MONITORING SOUTH ORGANISATION

	Region	Monitoring South Organization, Bengaluru
	Circle	Hydrological Observation & Coordination Circle, Bengaluru
	Division	Cauvery Division, Bengaluru

State: Karnataka					River Basin: Cauvery Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Kanakpura	Bengaluru Rural	HO	3425	Cauvery/ Arkavathi	GDQ	24/07/1978 09/09/1978 01/06/1979	10/11/2003 10/11/2003 10/11/2003	12.5458	77.4277
2.	Deburu	Mysuru	HO	2930	Cauvery/Kabini	GDSQ	08/06/1999 08/06/1999 08/06/1999 08/06/1999	31/03/2003 31/03/2003 31/03/2003 31/03/2003	12.1233	76.6383
3.	Kushal Nagar	Coorg	HO	1235	Cauvery	GDSQ	07/06/1999 07/06/1999 07/06/1999	31/03/2003 31/03/2003 31/03/2003	12.4569	75.9683
State: Karnataka					River Basin: West Flowing River Basin from Tapi to Tadri					
1.	Hillur	North Canara	HO	3580	Gangavali	GDQ	22/08/1998 22/08/1998 22/08/1998	-	14.6833	74.4983

A topographic map of India with the Mahi and Tapi river basins highlighted in green. The Mahi basin is located in the western part of the country, and the Tapi basin is located in the central part. The text "MAHI AND TAPI BASIN ORGANISATION" is overlaid in the center of the map.

MAHI AND TAPI BASIN ORGANISATION

Region		Mahi and Tapi Basin, Gandhinagar
Circle		Hydrological Observation Circle, Gandhinagar
Division		Tapi Division, Surat

State: Gujarat					River Basin: Tapi Basin					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Kakrapar	Surat	FF	62826	Tapi	G	01/06/1969	01/06/2005 (Reopened as a telemetry site under DWRIS)	21.2666	73.566
State: Maharashtra					River Basin: Tapi Basin					
1.	Dapuri	Jalgaon	HO	8901	Girna	GDSQ	21/09/1971 21/01/1972 01/07/1973 01/06/1977	01/06/2005 01/06/2005 01/06/2005 01/06/2005	20.9	75.4616
2.	Malkheda	Jalgaon	HO	1830	Bori	GDQ	17/07/1976 02/11/1977 01/09/1990	01/06/2005 01/06/2005 01/06/2005	21.0563	75.0716

Region	Mahi and Tapi Basin Organization, Gandhinagar
Circle	Hydrological Observation Circle, Gandhinagar
Division	Mahi Division, Gandhinagar

State: Gujarat					River Basin: Mahi Basin					
S. No.	Site Name	District	HO/FF/HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Nabhoi	Kheda	HO	20149	Sabarmati	GDQ	03/01/1991 14/02/1991 15/07/1991	09/08/2000 09/08/2000 09/08/2000	22.5705	72.4566
2.	Valsana	Mehsana	HO	561461	Sabarmati	GDSQ	01/07/1976 01/07/1976 01/07/1976 01/07/1976	31/05/1992 31/05/1992 31/05/1992 31/05/1992	23.8333	72.7875

A topographic map of India with the Narmada basin highlighted in green. The map shows the Narmada river flowing from the west to the east, forming a large basin. The surrounding areas are colored in shades of brown and grey, indicating different elevations. The text "NARMADA BASIN ORGANISATION" is written in blue capital letters across the center of the green basin.

NARMADA BASIN ORGANISATION

Region	Narmada Basin Organization, Bhopal
Circle	SE(C), Bhopal
Division	Narmada Division, Bhopal

State: Madhya Pradesh						Basin: Narmada				
S. No.	Site Name	District	HO/FF/HOIW	Catchment Area Sq. Km	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1	Amgoan	Mandla	HO	9344	Narmada	GD	01/07/1999 07/09/2001	01/04/2006 01/04/2006	24.5000	80.5000
2	Ajandiman	Dhar	HO	997	Man	GDQ	31/08/1984 23/07/1985 15/09/1986	31/03/1993 31/03/1993 31/03/1993	22.1847	75.1286
3	Bareli	Raisen	HO	1590	Barna	GDQ	16/07/1984 07/08/1985 15/09/1986	31/03/1993 31/03/1993 31/03/1993	22.9727	78.2058
4	Ginnore	Khandwa	HO	4816	Choota Tawa	GDSQ	01/06/1971 21/08/1971 26/12/1972 16/07/1979	01/04/1999 01/04/1999 01/04/1999 01/04/1999	22.1683	76.6616
5	Hridaynagar	Mandala	HO	3770	Banjar	GDQ	21/11/1976 21/11/1976 01/09/1986	31/03/2002 31/03/2002 31/03/2002	22.5433	80.3833
6	Jamtara	Jabalpur	HO/FF	17157	Narmada	GDSQ	28/10/1971 22/02/1972 15/07/1972 01/06/1979	31/03/2000 31/03/2000 31/03/2000 31/03/2000	23.0866	79.9516
7.	Jobat	Jhubua	HO	792	Hathni	GD	21/06/2000 09/08/2001	01/04/2006 01/04/2006	22.2805	74.5861
8.	Manegaon	Hoshangabad	HO/FF	6018	Tawa	GD	29/11/1976 12/03/1977	19/09/1991 19/09/1991	22.6416	77.9666
9.	Rajghat	Barwani	HO/FF	77674	Narmada	GDSQ	19/11/1971 17/01/1972 23/06/1972 15/06/1979	01/07/2007 01/07/2007 01/07/2007 01/07/2007	22.0755	74.8541
10.	Tikola	Jhubua	HO	1339	Hathni	GDQ	01/09/1984 24/07/1985 15/09/1986	31/03/1993 31/03/1993 31/03/1993	22.1225	74.5000

A topographic map of India with the Teesta and Bhagirathi Damodar Basin highlighted in green. The map shows the geographical context of the basin, including the surrounding terrain and the Bay of Bengal to the east.

TEESTA & BHAGIRATHI DAMODAR BASIN ORGANISATION

Region	Teesta & Bhagirathi Damodar Basin Organization, Kolkata
Circle	Investigation Circle Gangtok, Sikkim
Division	Sikkim Investigation Division Gangtok, Sikkim

State: Sikkim					River Basin: Brahmaputra					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Chujachen (Rangpo Chu)	East Sikkim	HOIW	213.8703	Rangpo-Chu/ Teesta	GQ	18/11/2016 01/08/2019	31/03/2020	27.2425	88.71305
2.	Chujachen (Rongli Chu)	East Sikkim	HOIW	84	Rongli-Chu/ Rongo-Chu/ Teesta	GQ	18/11/2016 01/08/2019	31/03/2020	27.207	88.71888
3.	Rimbi	West Sikkim	HOIW	126	Teesta/Rangit/ Rat hang Chu/ Rimbi chu	GDS	16/07/2004 17/07/2004 23/07/2004	01/09/2009 01/09/2009 31/07/2009	27.2547	88.17055
4.	Kalez Khola (Old PH Site)	West Sikkim	HOIW	197	Teesta/Rangit/ Kalez Khola	GD	01/07/2004 15/07/2004	31/08/2009	27.2733	88.2766
5.	Kalikhola (Dam Site)	West Sikkim	HOIW	36	Teesta/Rangit/ Kali Khola	GD	08/10/2013 08/10/2013 01/08/2019	24.03.2020	27.15555	88.08888
6.	Rangit Nagar	West Sikkim	HOIW	927.81	Rangit/Teesta	GQ	20/10/2016 01/08/2019	31/05/2020	27.3000	88.3075
7.	Rathey Chu	North Sikkim	HOIW	44.002	Rathey Chu/ Dikchu/ Teesta	GQ	17/07/2017 01/08/2019	31/03/2020	27.5555	88.8058
8.	Reshi Khola	West Sikkim	HOIW	45	Teesta/Reshi/ Reshi Khola	GD	01/08/2003 01/08/2003	01/09/2009 01/09/2009	27.2230	88.3080
9.	TRT Chungthang	North Sikkim	HOIW	2010	Teesta/ Lachen Chu	GD	12/02/2000 12/02/2000	31/05/2003 31/05/2003	27.5955	88.6430
10.	Lema	North Sikkim	HOIW	728	Teesta/ Lachung chu	GD	08/02/2000 08/02/2000	31/05/2003 31/05/2003	27.6541	88.7291
11.	Dikchu	East Sikkim	HOIW	4009	Teesta	GQ	28/08/2014 01/08/2019	31/03/2020	27.4213	88.514
12.	Sirwani	East Sikkim	HOIW	4510	Teesta River	GDS	12/03/1984 19/03/1984 19/01/1984	31/05/2004 31/05/2004 31/05/2004	27.2008	88.4986
13.	Rongni chu	East Sikkim	HOIW	475.54	Teesta/ Rongni chu	GD	11/08/1994 11/08/1994	31/05/2004 31/05/2004	27.1919	88.5013
14.	Rorathang	East Sikkim	HOIW	386	Rangpochu/ Teesta	GQ	13/10/2010 01/08/2019	19/03/2020	27.2063	88.6486
15.	Taramchu	North Sikkim	HOIW	64	Taramchu/ Lachenchu / Teesta	GDQ	01/10/2013 01/10/2013 01/08/2019	29/04/2020	27.7047	88.6067
16.	Tarkhola	South Sikkim	HOIW	5247	Teesta River	GD	01/06/1994 13/02/1995	31/05/2004 31/05/2004	27.1200	88.4733
17	Chungthang	North Sikkim	HOIW	2792.25	Teesta	GD	04/01/1975 10/03/1975	20/09/2012 20/09/2012	27.5833	88.6475
18	Bonsoi	North Sikkim	HOIW	1771.77	Lachen Chu	GD	01/05/2000 01/05/2000	30/04/2014 31/07/2007	27.6958	88.7625



S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
19	Lachen (Old)	North Sikkim	HOIW	1716.19	Lachen Chu	GD	01/10/1988 01/05/2008 01/10/1988	31/07/2007 26/05/2009 31/07/2007	27.7094	88.5616
20	Lachung	North Sikkim	HOIW	626.06	Lachung Chu	GD	01/12/2000 01/12/2000	31/12/2016 22/04/2013	27.6847	88.7591
21	Suntaley	East Sikkim	HOIW	363	Teesta/Rangpo Chu	GD	15/12/2007 01/01/2008	31/12/2016 31/12/2016	27.1938	88.6130
22	Reshi	West Sikkim	HOIW	1232	Teesta/Rangit	GD	01/01/2003 01/01/2003	30/09/2012 30/09/2012	27.2211	88.3086
23	Khanitar	East Sikkim	HOIW	4771.73	Teesta	GDS	01/04/1994 09/05/1994 01/01/2004	31/05/2014 31/05/2014 31/05/2014	27.1333	88.5166
24	Talang Chu	North Sikkim	HOIW	777.38	Teesta/Talang Chu	GD	01/04/1990 01/04/1990	31/05/2014 31/05/2014	27.5075	88.5347
25	Kali Khola (PHS)	West Sikkim	HOIW	981	Teesta/Rangit/ Kali Khola	GQ	08-10-2013	31/12/2016	27.1902	88.0738

Region	Teesta & Bhagirathi Damodar Basin Organization, Kolkata
Circle	Investigation Circle Gangtok, Sikkim
Division	Lower Brahmaputra Division, Jalpaiguri

State: Assam					River Basin: Brahmaputra					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Mathanguri	Barpeta	HO	2500	Brahmaputra/ Manas	G	05/01/1971	2008	26.780278	90.961667
State: West Bengal					River Basin: Brahmaputra					
1.	Lish	Jalpaiguri	HO	153	Brahmaputra/ Teesta/Lish	G	22/07/1969	2003	26.886111	88.591667
2.	Dudua	Jalpaiguri	FF	750	Brahmaputra/ Jaldhaka/ Dudua	G	15/05/2003	2006	26.545833	89.112222
3.	Mujnai	Jalpaiguri	FF	450	Brahmaputra/ Jaldhaka/ Mujnai	G	15/05/2003	15/10/2006	26.520278	88.170278
4.	Singlabazar	Darjeeling	FF	1397	Great Rangit	GQ	11/12/1969 01/05/2019	01/08/2019 01/08/2019	27.130556	88.278611
5.	Teesta Bazar	Kalimpong	FF	7714	Teesta	GDQ	01/05/1969 01/08/1972 01/07/2003	01/08/2019 01/08/2019 01/08/2019	27.054722	88.425278
State: Sikkim					River Basin: Brahmaputra					
1.	Sankalan	North Sikkim	FF	4200	Teesta	GQ	12/10/1972 01/05/2019	01/08/2019 01/08/2019	27.508333	88.525000

Region	Teesta & Bhagirathi Damodar Basin Organization, Kolkata
Circle	Hydrology Observation Circle, Maithon
Division	Damodar Division, Asansol

State: Jharkhand						River Basin: Ganga				
S. No.	Site Name	District	HO/FF/HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Bhowrah	Dhanbad	HO	8070	Hooghly/ Damodar	GD	25/04/1983 15/06/1988	06/04/2004 06/04/2004	23.6333	85.4166
State: West Bengal						River Basin: Ganga				
1.	Bhimgarh	Birbhum	HO	3426	Bhagirathi/ Ajoy	G	10/08/1980	15/06/2004	24.3166	87.2333
2.	Chmadanga	Burdwan	HO	-	Hooghly/ Damodar (Kana-Damodar)	GDS	26/07/1987 26/07/1987 26/07/1987	15/10/2004 15/10/2004 15/10/2004	22.79166	87.9625

Region	Teesta & Bhagirathi Damodar Basin Organization, Kolkata
Circle	Hydrology Observation Circle, Maithon
Division	Lower Ganga Division 3, Berhampore

State: West Bengal						River Basin: Ganga				
S. No.	Site Name	District	HO/FF/HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Akhiriganj	Murshidabad	HO	954190	Padma	G	01/09/1968	31/05/2002	24.4594	88.2150
2.	Dhuliyan (Lear period site)	Murshidabad	HO	952938	Ganga	GD	01/01/1956 06/12/1976	15/10/2004 15/10/2004	24.8777	87.9388
3.	Jangipur	Murshidabad	HO	249	Bhagirathi	G	16/06/1985	16/10/2005	24.4675	88.0675
4.	Kahala	Murshidabad	HO	953671	Padma	G	01/01/1963	31/05/2002	24.4594	88.2150
State: Jharkhand						River Basin: Ganga				
1.	Maharajpur	Sahib-Ganj	HO	947170	Ganga	G	01/08/1956	15/10/2004	25.2147	87.7647

A topographic map of India with the Ganga basin highlighted in green. The map shows the Ganga river system flowing from the Himalayas in the north to the Bay of Bengal in the south. The surrounding areas are colored in shades of brown and tan, indicating different elevations and terrain types. The text "UPPER GANGA BASIN ORGANISATION" is overlaid in the center of the map.

UPPER GANGA BASIN ORGANISATION

Region	Upper Ganga Basin Organization, Lucknow
Circle	Monitoring & Appraisal Directorate, Lucknow
Division	Middle Ganga Division-I, Lucknow

State: Uttar Pradesh					River Basin: Ganga					
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Bhatparani	Deoria	HO	2255	Ganga Little Gandak	GDQ	22/04/1959 22/04/1959 22/04/1959	15/06/2006 15/06/2006 15/06/2006	26.3166	84.0000

Region	Upper Ganga Basin Organization, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Middle Ganga Division-II, Lucknow

State: Uttar Pradesh						River Basin: Ganga				
S. No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Husepur	Hardoi	HO	6155	Ganga/Deoha	GDSQ	22/05/1959 22/05/1959 27/10/1961 15/03/1961	01/09/2006 01/09/2006 01/09/2006 01/09/2006	27.2666	79.9500
2.	Jahangirabad	Sitapur	HO	975	Ganga/Sharda	GD	30/07/1976 30/07/1976	25/07/2006 25/07/2006	27.5166	81.1000

Region	Upper Ganga Basin Organization, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Himalayan Ganga Division, Haridwar

State: Uttarakhand						River Basin: Ganga				
S. No.	Site Name	District	HO /FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Dabrani	Uttarakshi	HO	3450	Ganga	GD	07/08/2003 07/08/2003	31/12/2009 31/12/2009	30.9777	78.6880
2.	Tharali	Chamoli	HO	1296	Pinder	GD	01/06/1971	31/05/2005	30.0833	79.5083
3	Chandrapuri	Rudraprayag	HO	1297	Mandakini	GD	29/05/1976	16/05/2013	30.4375	79.0666
4	Tehri Zero Bridge	Tehri Garhwal	HO	5735	Bhagirathi	GD	01/08/1970	31/05/2011	30.3833	78.4666
5	Satynarayan/ Suswa	Haridwar	HO	1235	Suswa	GD	18/12/1970	21/07/2005	30.3833	78.2000
State: Uttar Pradesh						River Basin: Ganga				
1	Balawali	Uttar Pradesh	HO	24280	Ganga	GD	06/05/1976	31/12/1983	29.6166	78.1000

A topographic map of India with the Yamuna basin highlighted in green. The map shows the geographical features of India, including the Himalayas in the north, the Deccan Plateau in the south, and the Indian Ocean to the south. The Yamuna basin is a large area in the northern part of India, covering parts of Himachal Pradesh, Punjab, Haryana, and Uttar Pradesh. The text "YAMUNA BASIN ORGANISATION" is written in bold blue capital letters across the center of the map.

YAMUNA BASIN ORGANISATION

Region	Yamuna Basin Organisation, New Delhi
Circle	Hydrological Observation Circle, Vaishali (Ghaziabad)
Division	Upper Yamuna Division, New Delhi

State: Uttarakhand					River Basin: Ganga					
S.No.	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Basaun	Dehradun	HO	2075	Yamuna	GD	01/10/1981 01/08/1985	01/06/2016	30.5155	77.9283
State: Uttar Pradesh					River Basin: Ganga					
1.	Mathura (Prayag Ghat)	Mathura	HO	47360	Yamuna	GDSQ	01/01/1974 06/02/1978 01/07/1976	31/05/2006	27.5011	77.7155

Region	Yamuna Basin Organisation, New Delhi
Circle	Hydrological Observation Circle, Vaishali (Ghaziabad)
Division	Chambal Division, Jaipur

State: Rajasthan						River Basin: Ganga				
S.No	Site Name	District	HO/FF/ HOIW	Catchment Area SqKm	River Name/ Tributary/ Sub-Tributary	Type	Date of Start	Date of Closed	Latitude (°N)	Longitude (°E)
1.	Nimoda	Sawai- madhopur	HO	6035	Ganga /Yamuna Chambal /Banas/ Morel	GD	03/02/1971 03/02/1971	01/10/2004 01/10/2004	26.2833	76.5833
2.	Nonera	Baran	HO	-	Kalisindh	G	04/10/2014	23/02/2018	26.010	76.010
3.	Pipli	Udaipur	HO	1570	Ganga/ Yamuna Chambal/ Banas	GD	21/01/1976 21/01/1976	30/11/1992 30/11/1992	25.0166	73.9500
4.	Salavad*	Jhalawad	HO	7450	Ganga/ Yamuna Chambal/ Kalisindh	GDQ	16/11/1976 16/11/1976 01/04/2018	31/05/2022 31/05/2022 31/05/2022	24°22'03"	76°12'21"
State: Madhya Pradesh						River Basin: Ganga				
1.	Shyampur	Rajgarh	HO	2540	Ganga /Yamuna Chambal/Parwati	GDQ	15/11/1976 15/11/1976 01/01/1986	01/10/2004 01/10/2004 01/10/2004	23.4833	77.0660

*Salavad site shifted to Jhalawad due to construction of Kalisindh dam just d/s of Salavad site

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S. No.	Abbreviation Used	Full Form
1.	BBO	Brahmaputra Basin Organization
2.	BOBO	Barak & Other Basin Organisation
3.	BTAD	Bodoland Territorial Autonomous District
4.	C.S.	Cross Section
5.	CSRO	Cauvery & Southern Rivers Organisation
6.	CWC	Central Water Commission
7.	D&NH and D&D	Dadar & Nagar Haveli and Daman & Diu
8.	D/S	Downstream
9.	EFR	East Flowing Rivers
10.	F.F.	Flood Forecasting
11.	G	Gauge
12.	GD	Gauge & Discharge
13.	GDS	Gauge, Discharge & Silt
14.	GDSQ	Gauge, Discharge, Silt & Quality
15.	Guwahati D. C. Court	Guwahati Deputy Commissioner Court
16.	H.O.	Hydrological Observation
17.	HEP	Hydro Electric Project
18.	HOIW	Hydrological Observation & Investigation Works
19.	IBO	Indus Basin Organisation
20.	KGBO	Krishna & Godavari Basin Organisation
21.	LGBO	Lower Ganga Basin Organisation
22.	MBD	Middle Brahmaputra Division
23.	MCO	Monitoring Central Organisation
24.	MERO	Mahanadi & Eastern Rivers Organisation
25.	MGD	Middle Ganga Division
26.	MSO	Monitoring South Organisation
27.	MTBO	Mahi & Tapi Basin Organisation
28.	N. T. Road crossing	North Lakhimpur Tezpur Road crossing
29.	NBO	Narmada Basin Organisation
30.	NEID	North Eastern Investigation Division
31.	NH	National Highway
32.	P&DO	Planning & Development Organisation
33.	Rd. Bridge	Road Bridge
34.	RDC	River Data Compilation
35.	RM Wing	River Management Wing
36.	Sq.km	Square Kilometer
37.	T&BDBO	Teesta & Bhagirathi Damodar Basin Organisation
38.	U/S	Upstream
39.	UGBO	Upper Ganga Basin Organisation
40.	WFR	West Flowing Rivers
41.	WR, RD & GR	Water Resources, River Development & Ganga Rejuvenation
42.	YBO	Yamuna Basin Organisation

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