



**केंद्रीय जल आयोग**  
के अंतर्गत  
**भारत के बंद हो चुके जल विज्ञानीय प्रेक्षण स्थल**  
**CLOSED HYDROLOGICAL OBSERVATION STATIONS IN INDIA**  
UNDER  
**CENTRAL WATER COMMISSION**

भारत सरकार  
केंद्रीय जल आयोग  
नई दिल्ली

GOVERNMENT OF INDIA  
CENTRAL WATER COMMISSION  
NEW DELHI

सितम्बर 2020  
NOVEMBER 2020

CWC/2020/106



**GOVERNMENT OF INDIA  
CENTRAL WATER COMMISSION**

**HYDROLOGICAL OBSERVATION  
STATIONS IN INDIA UNDER  
CENTRAL WATER COMMISSION  
CLOSED BEFORE 30.09.2020**

**NEW DELHI  
NOVEMBER 2020**



# DETAILS OF ORGANISATION WISE HYDROLOGICAL OBSERVATION STATIONS

Closed before 30<sup>th</sup> September 2020





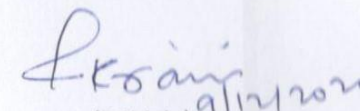
## PREFACE

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. At present, CWC maintains a network of 1548 hydro-meteorological observation sites in the country distributed among 13 regional offices headed by Chief Engineers. This 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 State Government, public undertakings and Research Institutes.

The system of publication of Hydro-meteorological Observation Stations books in CWC dates back to older times. There is record of a publication titled "Key Hydrological Observation Stations in Peninsular River Basins of India under Central Water Commission" published by River Data Directorate in April 1992. Thereafter, a book was published in 2004 incorporating details of 945 hydrological observation stations maintained by Central Water Commission in the country as on 01.01.2003. In the next edition of booklet published in August 2011, information of the sites existing as on 21st January 2010 was provided. At that time, CWC was maintaining a network for 866 hydrological observation stations only. But, the information of above sites remained incomplete without providing the details of sites closed due to various reasons. There are also cases where observation of some parameters was stopped at a particular site. Therefore, it was felt necessary to publish details of all such sites for benefit of users. Thus, a book on closed HO sites was first published in 2012 by River Data Directorate. The second edition of this book containing the information pertaining to the closed hydrological observation sites as on 30.09.2020 have been compiled and a list of 190 such sites have been published this time.

The officers of River Data Compilation II Directorate, Central Water Commission, New Delhi have worked hard to compile the list of closed sites. I appreciate the hard work done and effort made by them. The efforts put in by Sh. Pankaj Kumar Sharma, Director, Sh. P. Karthigayan, Deputy Director, Smt. Greeshma Krishnan, Asst. Director-II are commendable.

I hope this booklet would be found useful by all the officers of CWC and state governments who are in the planning and development of Water Resources in the country.

  
(R.K.Jain) 9/12/2020

Chairman, Central Water Commission, New Delhi



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## Basin wise details of Hydrological Observation Stations in Closed Condition

| Sl.No | Basin Name                                 | State Name        | G  | GD | GDQ | GDS | GDSQ | GQ | Grand Total |
|-------|--------------------------------------------|-------------------|----|----|-----|-----|------|----|-------------|
| 1     | Cauvery Basin                              | Karnataka         | 0  | 0  | 1   | 0   | 0    | 0  | 1           |
|       | Cauvery Basin Total                        |                   | 0  | 0  | 1   | 0   | 0    | 0  | 1           |
| 2     | EFR between Mahanadi and Pennar            | Andhra Pradesh    | 0  | 0  | 0   | 0   | 1    | 0  | 1           |
|       | EFR between Mahanadi and Pennar Total      |                   | 0  | 0  | 0   | 0   | 1    | 0  | 1           |
| 3     | Ganga/Brahmaputra/Meghna/Barak Basin       | Arunachal Pradesh | 5  | 2  | 0   | 3   | 0    | 0  | 10          |
|       |                                            | Assam             | 7  | 1  | 0   | 4   | 0    | 0  | 12          |
|       |                                            | Bihar             | 3  | 2  | 2   | 0   | 1    | 0  | 8           |
|       |                                            | Himachal Pradesh  | 0  | 3  | 0   | 0   | 0    | 0  | 3           |
|       |                                            | Jharkhand         | 3  | 1  | 0   | 3   | 0    | 0  | 7           |
|       |                                            | Madhya Pradesh    | 0  | 1  | 1   | 0   | 1    | 0  | 3           |
|       |                                            | Manipur           | 0  | 2  | 0   | 1   | 0    | 0  | 3           |
|       |                                            | Meghalaya         | 1  | 2  | 0   | 6   | 0    | 0  | 9           |
|       |                                            | Mizoram           | 0  | 2  | 0   | 2   | 0    | 0  | 4           |
|       |                                            | Rajasthan         | 1  | 2  | 0   | 0   | 0    | 0  | 3           |
|       |                                            | Sikkim            | 0  | 5  | 4   | 2   | 0    | 6  | 17          |
|       |                                            | Uttar Pradesh     | 2  | 3  | 1   | 0   | 2    | 0  | 8           |
|       |                                            | Uttarakhand       | 0  | 5  | 0   | 0   | 0    | 0  | 5           |
|       |                                            | West Bengal       | 7  | 1  | 1   | 1   | 0    | 1  | 11          |
|       | Ganga/Brahmaputra/Meghna/Barak Basin Total |                   | 29 | 32 | 9   | 22  | 4    | 7  | 103         |
| 4     | Godavari Basin                             | Andhra Pradesh    | 0  | 5  | 0   | 0   | 0    | 0  | 5           |
|       |                                            | Chhattisgarh      | 1  | 1  | 0   | 0   | 0    | 0  | 2           |
|       |                                            | Maharashtra       | 2  | 9  | 0   | 0   | 1    | 0  | 12          |
|       |                                            | Orissa            | 0  | 1  | 0   | 0   | 0    | 0  | 1           |
|       | Godavari Basin Total                       |                   | 3  | 16 | 0   | 0   | 1    | 0  | 20          |
| 5     | Indus Basin                                | Himachal Pradesh  | 0  | 3  | 0   | 0   | 0    | 0  | 3           |
|       |                                            | Jammu & Kashmir   | 1  | 5  | 0   | 3   | 0    | 0  | 9           |
|       | Indus Basin Total                          |                   | 1  | 8  | 0   | 3   | 0    | 0  | 12          |
| 6     | Krishna Basin                              | Andhra Pradesh    | 0  | 3  | 1   | 2   | 1    | 0  | 7           |
|       |                                            | Karnataka         | 0  | 6  | 1   | 1   | 2    | 0  | 10          |
|       |                                            | Maharashtra       | 2  | 7  | 0   | 0   | 0    | 0  | 9           |
|       | Krishna Basin Total                        |                   | 2  | 16 | 2   | 3   | 3    | 0  | 26          |

| Sl.No              | Basin Name                                              | State Name     | G         | GD        | GDQ       | GDS       | GDSQ      | GQ       | Grand Total |
|--------------------|---------------------------------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|----------|-------------|
| 7                  | Mahanadi Basin                                          | Orissa         | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
|                    | Mahanadi Basin Total                                    |                | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
| 8                  | Minor rivers drainage into Myanmar and Bangladesh       | Mizoram        | 3         | 0         | 0         | 0         | 0         | 0        | 3           |
|                    | Minor rivers drainage into Myanmar and Bangladesh Total |                | 3         | 0         | 0         | 0         | 0         | 0        | 3           |
| 9                  | Narmada Basin                                           | Madhya Pradesh | 0         | 3         | 4         | 0         | 3         | 0        | 10          |
|                    | Narmada Basin Total                                     |                | 0         | 3         | 4         | 0         | 3         | 0        | 10          |
| 10                 | Sabarmati Basin                                         | Gujarat        | 0         | 0         | 1         | 0         | 1         | 0        | 2           |
|                    | Sabarmati Basin Total                                   |                | 0         | 0         | 1         | 0         | 1         | 0        | 2           |
| 11                 | Tapi Basin                                              | Gujarat        | 1         | 0         | 0         | 0         | 0         | 0        | 1           |
|                    |                                                         | Maharashtra    | 0         | 0         | 1         | 0         | 1         | 0        | 2           |
|                    | Tapi Basin Total                                        |                | 1         | 0         | 1         | 0         | 1         | 0        | 3           |
| 12                 | WFR from Tapi to Tadri                                  | Andhra Pradesh | 0         | 1         | 0         | 0         | 0         | 0        | 1           |
|                    | WFR from Tapi to Tadri Total                            |                | 0         | 1         | 0         | 0         | 0         | 0        | 1           |
| 13                 | WFR from Tapi to Kanyakumari                            | Goa            | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
|                    |                                                         | Maharashtra    | 1         | 2         | 1         | 0         | 0         | 0        | 4           |
|                    | WFR from Tapi to Kanyakumari Total                      |                | 1         | 4         | 1         | 0         | 0         | 0        | 6           |
| <b>Grand Total</b> |                                                         |                | <b>40</b> | <b>82</b> | <b>19</b> | <b>28</b> | <b>14</b> | <b>7</b> | <b>190</b>  |

## State wise Details of Hydrological Observation Stations in Closed Condition

| Sl.No | Name of State           | Basin Name                           | G | GD | GDQ | GDS | GDSQ | GQ | Grand Total |
|-------|-------------------------|--------------------------------------|---|----|-----|-----|------|----|-------------|
| 1     | Andhra Pradesh          | EFR between Mahanadi and Pennar      | 0 | 0  | 0   | 0   | 1    | 0  | 1           |
|       |                         | Godavari Basin                       | 0 | 5  | 0   | 0   | 0    | 0  | 5           |
|       |                         | Krishna Basin                        | 0 | 3  | 1   | 2   | 1    | 0  | 7           |
|       |                         | WFR from Tapi to Tadri               | 0 | 1  | 0   | 0   | 0    | 0  | 1           |
|       | Andhra Pradesh Total    |                                      | 0 | 9  | 1   | 2   | 2    | 0  | 14          |
| 2     | Arunachal Pradesh       | Ganga/Brahmaputra/Meghna/Barak Basin | 5 | 2  | 0   | 3   | 0    | 0  | 10          |
|       | Arunachal Pradesh Total |                                      | 5 | 2  | 0   | 3   | 0    | 0  | 10          |
| 3     | Assam                   | Ganga/Brahmaputra/Meghna/Barak Basin | 7 | 1  | 0   | 4   | 0    | 0  | 12          |
|       | Assam Total             |                                      | 7 | 1  | 0   | 4   | 0    | 0  | 12          |
| 4     | Bihar                   | Ganga/Brahmaputra/Meghna/Barak Basin | 3 | 2  | 2   | 0   | 1    | 0  | 8           |
|       | Bihar Total             |                                      | 3 | 2  | 2   | 0   | 1    | 0  | 8           |
| 5     | Chhattisgarh            | Godavari Basin                       | 1 | 1  | 0   | 0   | 0    | 0  | 2           |
|       | Chhattisgarh Total      |                                      | 1 | 1  | 0   | 0   | 0    | 0  | 2           |
| 6     | Goa                     | WFR from Tapi to Kanyakumari         | 0 | 2  | 0   | 0   | 0    | 0  | 2           |
|       | Goa Total               |                                      | 0 | 2  | 0   | 0   | 0    | 0  | 2           |
| 7     | Gujarat                 | Sabarmati Basin                      | 0 | 0  | 1   | 0   | 1    | 0  | 2           |
|       |                         | Tapi Basin                           | 1 | 0  | 0   | 0   | 0    | 0  | 1           |
|       | Gujarat Total           |                                      | 1 | 0  | 1   | 0   | 1    | 0  | 3           |
| 8     | Himachal Pradesh        | Ganga/Brahmaputra/Meghna/Barak Basin | 0 | 3  | 0   | 0   | 0    | 0  | 3           |
|       |                         | Indus Basin                          | 0 | 3  | 0   | 0   | 0    | 0  | 3           |
|       | Himachal Pradesh Total  |                                      | 0 | 6  | 0   | 0   | 0    | 0  | 6           |
| 9     | Jammu & Kashmir         | Indus Basin                          | 1 | 5  | 0   | 3   | 0    | 0  | 9           |
|       | Jammu & Kashmir Total   |                                      | 1 | 5  | 0   | 3   | 0    | 0  | 9           |
| 10    | Jharkhand               | Ganga/Brahmaputra/Meghna/Barak Basin | 3 | 1  | 0   | 3   | 0    | 0  | 7           |
|       | Jharkhand Total         |                                      | 3 | 1  | 0   | 3   | 0    | 0  | 7           |
| 11    | Karnataka               | Cauvery Basin                        | 0 | 0  | 1   | 0   | 0    | 0  | 1           |
|       |                         | Krishna Basin                        | 0 | 6  | 1   | 1   | 2    | 0  | 10          |
|       | Karnataka Total         |                                      | 0 | 6  | 2   | 1   | 2    | 0  | 11          |
| 12    | Madhya Pradesh          | Ganga/Brahmaputra/Meghna/Barak Basin | 0 | 1  | 1   | 0   | 1    | 0  | 3           |
|       |                         | Narmada Basin                        | 0 | 3  | 4   | 0   | 3    | 0  | 10          |
|       | Madhya Pradesh Total    |                                      | 0 | 4  | 5   | 0   | 4    | 0  | 13          |

| Sl.No | Name of State       | Basin Name                                        | G         | GD        | GDQ       | GDS       | GDSQ      | GQ       | Grand Total |
|-------|---------------------|---------------------------------------------------|-----------|-----------|-----------|-----------|-----------|----------|-------------|
| 13    | Maharashtra         | Godavari Basin                                    | 2         | 9         | 0         | 0         | 1         | 0        | 12          |
|       |                     | Krishna Basin                                     | 2         | 7         | 0         | 0         | 0         | 0        | 9           |
|       |                     | Tapi Basin                                        | 0         | 0         | 1         | 0         | 1         | 0        | 2           |
|       |                     | WFR from Tapi to Kanyakumari                      | 1         | 2         | 1         | 0         | 0         | 0        | 4           |
|       | Maharashtra Total   |                                                   | 5         | 18        | 2         | 0         | 2         | 0        | 27          |
| 14    | Manipur             | Ganga/Brahmaputra/Meghna/Barak Basin              | 0         | 2         | 0         | 1         | 0         | 0        | 3           |
|       | Manipur Total       |                                                   | 0         | 2         | 0         | 1         | 0         | 0        | 3           |
| 15    | Meghalaya           | Ganga/Brahmaputra/Meghna/Barak Basin              | 1         | 2         | 0         | 6         | 0         | 0        | 9           |
|       | Meghalaya Total     |                                                   | 1         | 2         | 0         | 6         | 0         | 0        | 9           |
| 16    | Mizoram             | Ganga/Brahmaputra/Meghna/Barak Basin              | 0         | 2         | 0         | 2         | 0         | 0        | 4           |
|       |                     | Minor rivers drainage into Myanmar and Bangladesh | 3         | 0         | 0         | 0         | 0         | 0        | 3           |
|       | Mizoram Total       |                                                   | 3         | 2         | 0         | 2         | 0         | 0        | 7           |
| 17    | Orissa              | Godavari Basin                                    | 0         | 1         | 0         | 0         | 0         | 0        | 1           |
|       |                     | Mahanadi Basin                                    | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
|       | Orissa Total        |                                                   | 0         | 3         | 0         | 0         | 0         | 0        | 3           |
| 18    | Rajasthan           | Ganga/Brahmaputra/Meghna/Barak Basin              | 1         | 2         | 0         | 0         | 0         | 0        | 3           |
|       | Rajasthan Total     |                                                   | 1         | 2         | 0         | 0         | 0         | 0        | 3           |
| 19    | Sikkim              | Ganga/Brahmaputra/Meghna/Barak Basin              | 0         | 5         | 4         | 2         | 0         | 6        | 17          |
|       | Sikkim Total        |                                                   | 0         | 5         | 4         | 2         | 0         | 6        | 17          |
| 20    | Uttar Pradesh       | Ganga/Brahmaputra/Meghna/Barak Basin              | 2         | 3         | 1         | 0         | 2         | 0        | 8           |
|       | Uttar Pradesh Total |                                                   | 2         | 3         | 1         | 0         | 2         | 0        | 8           |
| 21    | Uttrakhand          | Ganga/Brahmaputra/Meghna/Barak Basin              | 0         | 5         | 0         | 0         | 0         | 0        | 5           |
|       | Uttrakhand Total    |                                                   | 0         | 5         | 0         | 0         | 0         | 0        | 5           |
| 22    | West Bengal         | Ganga/Brahmaputra/Meghna/Barak Basin              | 7         | 1         | 1         | 1         | 0         | 1        | 11          |
|       | West Bengal Total   |                                                   | 7         | 1         | 1         | 1         | 0         | 1        | 11          |
|       | <b>Grand Total</b>  |                                                   | <b>40</b> | <b>82</b> | <b>19</b> | <b>28</b> | <b>14</b> | <b>7</b> | <b>190</b>  |

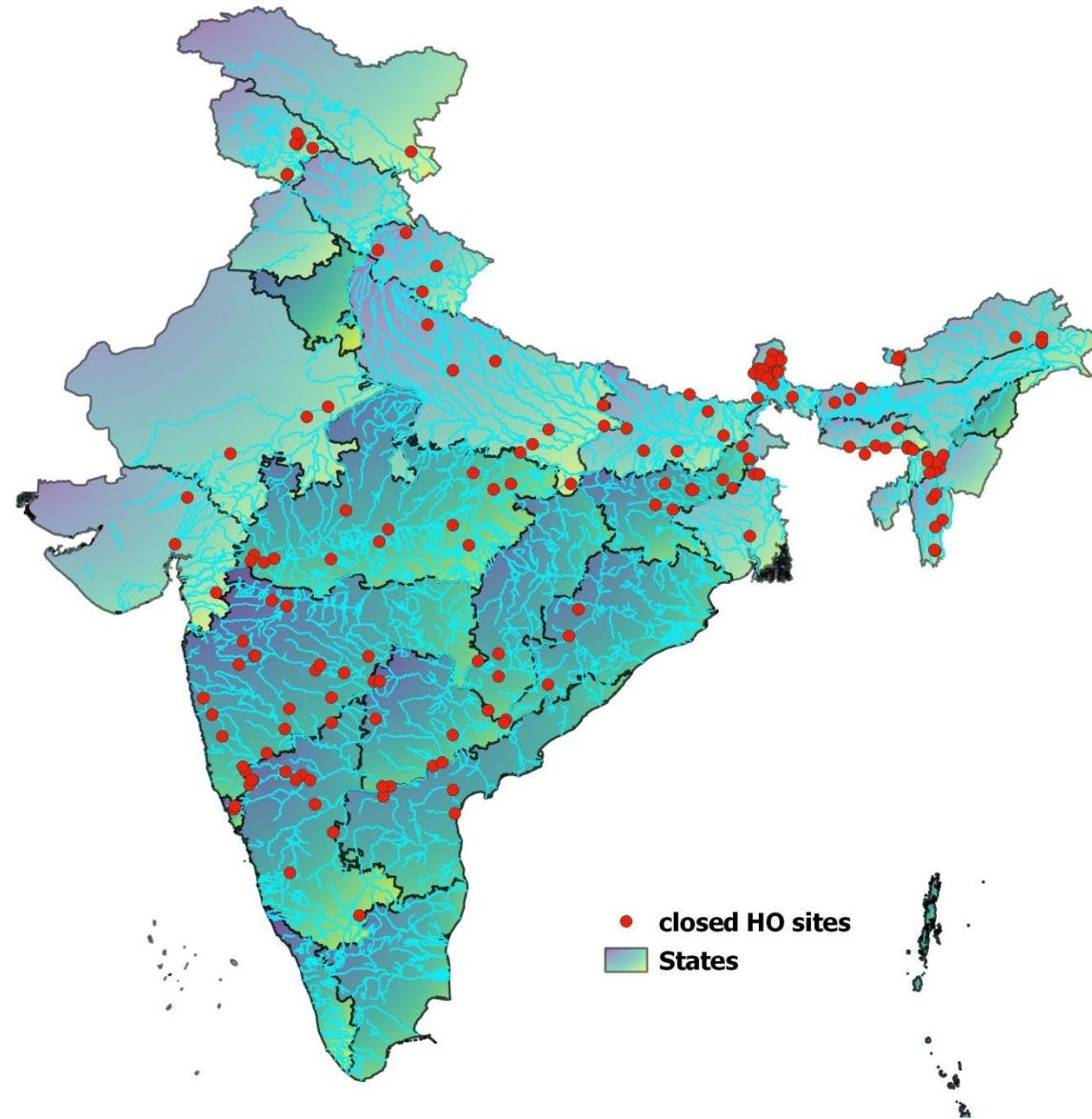
### Division wise details of Hydrological Observation Stations in closed condition

| Sl.No | Division Name                           | G         | GD        | GDQ       | GDS       | GDSQ      | GQ       | Grand Total |
|-------|-----------------------------------------|-----------|-----------|-----------|-----------|-----------|----------|-------------|
| 1     | Cauvery Division, Bangalore             | 0         | 0         | 1         | 0         | 0         | 0        | 1           |
| 2     | Chambal Division, Jaipur                | 1         | 2         | 1         | 0         | 0         | 0        | 4           |
| 3     | Chenab Division, Jammu                  | 1         | 5         | 0         | 3         | 0         | 0        | 9           |
| 4     | Damodar Division, Asansol               | 1         | 1         | 0         | 1         | 0         | 0        | 3           |
| 5     | Himalyan Ganga Division Dehradun        | 0         | 3         | 0         | 0         | 0         | 0        | 3           |
| 6     | Hydrology Division, Chennai             | 0         | 0         | 2         | 0         | 0         | 0        | 2           |
| 7     | LGD 1 Patna                             | 1         | 0         | 1         | 0         | 1         | 0        | 3           |
| 8     | LGD II Patna                            | 2         | 2         | 0         | 0         | 0         | 0        | 4           |
| 9     | Lower Brahmaputra Division, Jalpaiguri  | 6         | 0         | 1         | 0         | 0         | 2        | 9           |
| 10    | Lower Ganga Division 3 Berhamapore      | 4         | 1         | 0         | 0         | 0         | 0        | 5           |
| 11    | Lower Godavari Division, Hyderabad      | 1         | 5         | 0         | 0         | 0         | 0        | 6           |
| 12    | Lower Krishna Division, Hyderabad       | 0         | 6         | 0         | 3         | 2         | 0        | 11          |
| 13    | Mahanadi Division, Burla                | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
| 14    | Mahi Division Gandhinagar               | 0         | 0         | 1         | 0         | 1         | 0        | 2           |
| 15    | MBD Guwahati                            | 4         | 0         | 0         | 0         | 0         | 0        | 4           |
| 16    | Meghna Investigation Division, Shillong | 0         | 5         | 0         | 6         | 0         | 0        | 11          |
| 17    | Middle Ganga Division-I Lucknow         | 0         | 0         | 1         | 0         | 0         | 0        | 1           |
| 18    | Middle Ganga Division-II Lucknow        | 0         | 3         | 0         | 0         | 1         | 0        | 4           |
| 19    | Middle Ganga Division-III Lucknow       | 2         | 2         | 1         | 0         | 2         | 0        | 7           |
| 20    | Narmada Division, Bhopal                | 0         | 3         | 4         | 0         | 3         | 0        | 10          |
| 21    | NEID 1 Silchar                          | 1         | 1         | 0         | 8         | 0         | 0        | 10          |
| 22    | NEID II Aizawal                         | 3         | 1         | 0         | 1         | 0         | 0        | 5           |
| 23    | NEID III Itanagar                       | 7         | 2         | 0         | 4         | 0         | 0        | 13          |
| 24    | Sikkim Investigation Division, Gangtok  | 0         | 5         | 4         | 2         | 0         | 5        | 16          |
| 25    | Snow Hydrology Division Shimla          | 0         | 6         | 0         | 0         | 0         | 0        | 6           |
| 26    | Tapi Division Surat                     | 1         | 0         | 1         | 0         | 1         | 0        | 3           |
| 27    | Upper Godavari Division, Hyderabad      | 2         | 9         | 0         | 0         | 1         | 0        | 12          |
| 28    | Upper Krishna Division, Pune            | 3         | 15        | 1         | 0         | 2         | 0        | 21          |
| 29    | Upper Yamuna Division, New Delhi        | 0         | 1         | 0         | 0         | 0         | 0        | 1           |
| 30    | Wainganga Division, Nagpur              | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
|       | <b>Grand Total</b>                      | <b>40</b> | <b>82</b> | <b>19</b> | <b>28</b> | <b>14</b> | <b>7</b> | <b>190</b>  |

### Abstract of Hydrological Observation Closed Stations

| Sl.No              | Name of Organization | G         | GD        | GDQ       | GDS       | GDSQ      | GQ       | Grand Total |
|--------------------|----------------------|-----------|-----------|-----------|-----------|-----------|----------|-------------|
| 1                  | B&BBO Shillong       | 15        | 9         | 0         | 19        | 0         | 0        | 43          |
| 2                  | CSRO Coimbatore      | 0         | 0         | 2         |           | 0         | 0        | 2           |
| 3                  | IBO Chandigarh       | 1         | 11        | 0         | 3         | 0         | 0        | 15          |
| 4                  | KGBO, Hyderabad      | 6         | 35        | 1         | 3         | 5         | 0        | 50          |
| 5                  | LGBO Patna           | 5         | 4         | 2         | 0         | 3         | 0        | 14          |
| 6                  | MCO, Nagpur          | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
| 7                  | MERO Bhubaneswar     | 0         | 2         | 0         | 0         | 0         | 0        | 2           |
| 8                  | MSO Bengaluru        | 0         | 0         | 1         | 0         | 0         | 0        | 1           |
| 9                  | MTBO Gandhinagar     | 1         | 0         | 2         | 0         | 2         | 0        | 5           |
| 10                 | NBO, Bhopal          | 0         | 3         | 4         | 0         | 3         | 0        | 10          |
| 11                 | T&BDBO Kolkata       | 11        | 7         | 5         | 3         | 0         | 7        | 33          |
| 12                 | UGBO Lucknow         | 0         | 6         | 1         | 0         | 1         | 0        | 8           |
| 13                 | YBO, New Delhi       | 1         | 3         | 1         | 0         | 0         | 0        | 5           |
| <b>Grand Total</b> |                      | <b>40</b> | <b>82</b> | <b>19</b> | <b>28</b> | <b>14</b> | <b>7</b> | <b>190</b>  |

## CLOSED HO NETWORK OF CWC



# **BRAHMAPUTRA AND BARAK BASIN ORGANISATION, SHILLONG**

|                                                                                                  |                          |               |             |                     |                                                 |      |               |                |           |           |      |
|--------------------------------------------------------------------------------------------------|--------------------------|---------------|-------------|---------------------|-------------------------------------------------|------|---------------|----------------|-----------|-----------|------|
| Region                                                                                           |                          |               |             |                     | Barak & Other Basins Organization, Shillong*    |      |               |                |           |           |      |
| Circle                                                                                           |                          |               |             |                     | North Eastern Investigation Circle, Shillong    |      |               |                |           |           |      |
| Division                                                                                         |                          |               |             |                     | North Eastern Investigation Division-I, Silchar |      |               |                |           |           |      |
| *(w.e.f 17.07.2020 via CWC order no. K-12012/2/2018-WPC). Actual charge is yet to be taken over. |                          |               |             |                     |                                                 |      |               |                |           |           |      |
|                                                                                                  |                          |               |             |                     |                                                 |      |               |                |           |           |      |
| State: Assam                                                                                     |                          |               |             |                     | River Basin: Ganga – Brahmaputra – Meghna-Barak |      |               |                |           |           |      |
| S. No.                                                                                           | Site Name                | District      | HO/FF/ HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary            | Type | Date of Start | Date of Closed | Latitude  | Longitude | Code |
| 1.                                                                                               | Kashithal                | Cachar        | HOIW        | 2022                | Sonai                                           | GDS  | 02/07/2009    | 27/10/2019     | 24°32'37" | 92°57'25' | -    |
| 2.                                                                                               | Kulicherra               | Cachar        | HOIW        | 731                 | Rukni                                           | GDS  | 29/06/2009    | 27/10./2019    | 24°29'27" | 92°48'29" | -    |
| State: Jharkhand                                                                                 |                          |               |             |                     | River Basin: Ganga – Brahmaputra – Meghna       |      |               |                |           |           |      |
|                                                                                                  |                          |               |             |                     |                                                 |      |               |                |           |           |      |
| 1.                                                                                               | Chaura                   | Bokaro        | HOIW        | 5.6                 | Gawai                                           | GDS  | 29/09/2018    | 17/03/2020     | 23°30'21" | 85°53'16" |      |
| 2.                                                                                               | Dulki                    | Hazaribagh    | HOIW        | 59                  | Dulki                                           | GDS  | 27/09/2018    | 16/06/2019     | 24°12'24" | 85°40'49" |      |
| State: Meghalaya                                                                                 |                          |               |             |                     | River Basin: Ganga – Brahmaputra – Meghna       |      |               |                |           |           |      |
|                                                                                                  |                          |               |             |                     |                                                 |      |               |                |           |           |      |
| 1.                                                                                               | Myntdu Stage-II Dam Site | Jaintia Hills | HOIW        | 480                 | Barak/ Myntdu                                   | GDS  | 02/09/2004    | 23/07/2015     | 25°13'13" | 92°13'33" |      |

| 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    | Longitude   | Code |
|-----------------------------------------------------------------|-----------------------------|---------------|------------|----------------------|--------------------------------------|------|----------------------------------------|----------------------------------------|-------------|-------------|------|
| 2.                                                              | Myntdu Stage-II Power House | Jaintia Hills | HOIW       | NA                   | Barak/ Myntdu                        | G    | 05/08/2004                             | 23/07/2015                             | 25°09'24"   | 92°13'03"   |      |
| 3.                                                              | Sohpdok (Umri project)      | Ri-Bhoi       | HOIW       | 0.31                 | Brahmaputra/ Umri                    | GDS  | 01/06/2015                             | 16/06/2019                             | 25°42'2.96" | 91°57'6"    |      |
| 4.                                                              | Sohpdok (Umsiang project)   | Ri-Bhoi       | HOIW       | 11.48                | Brahmaputra/ Umsiang                 | GDS  | 01/06/2015                             | 16/06/2019                             | 25°42'6.92" | 91°58'0.90" |      |
| <b>State: Mizoram River Basin: Ganga – Brahmaputra – Meghna</b> |                             |               |            |                      |                                      |      |                                        |                                        |             |             |      |
| 1.                                                              | Tuivawl                     | Aizawl        | HOIW       | 756                  | Tuivawl                              | GDS  | 19/04/1997<br>19/04/1997<br>07/07/1997 | 26/09/2003<br>26/09/2003<br>26/09/2003 | 235°55'43"  | 92°59'07"   |      |
| 2.                                                              | Zokhwthar                   | Champal       | HOIW       | NA                   | Tyao/Tuipui                          | GD   | 11/05/2002<br>11/05/2002               | 06/03/2006<br>06/03/2006               | NA          | NA          |      |

|                                                                                                  |                           |                  |             |                      |                                                  |      |                                        |                                        |           |           |      |
|--------------------------------------------------------------------------------------------------|---------------------------|------------------|-------------|----------------------|--------------------------------------------------|------|----------------------------------------|----------------------------------------|-----------|-----------|------|
| Region                                                                                           |                           |                  |             |                      | Barak & Other Basins Organization, Shillong*     |      |                                        |                                        |           |           |      |
| Circle                                                                                           |                           |                  |             |                      | North Eastern Investigation Circle, Shillong     |      |                                        |                                        |           |           |      |
| Division                                                                                         |                           |                  |             |                      | North Eastern Investigation Division-II, Aizawal |      |                                        |                                        |           |           |      |
| *(w.e.f 17.07.2020 via CWC order no. K-12012/2/2018-WPC). Actual charge is yet to be taken over. |                           |                  |             |                      |                                                  |      |                                        |                                        |           |           |      |
|                                                                                                  |                           |                  |             |                      |                                                  |      |                                        |                                        |           |           |      |
| State: Mizoram                                                                                   |                           |                  |             |                      | River Basin: Ganga – Brahmaputra - Meghna        |      |                                        |                                        |           |           |      |
| 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  | Longitude | Code |
| 1.                                                                                               | Bailey Bridge Tuipui      | Champai          | HOIW        | 735                  | Kolodyne/ Tuipui                                 | GD   | 29/10/2006<br>07/12/2006               | 22/09/2016                             | 23°13'36" | 93°09'52" |      |
| 2.                                                                                               | Liapha Power House        | Lawntlai & Saiha | HOIW        | 13400                | Kolodyne                                         | G    | 09-11-1994                             | 20/04/1996                             | 22°23'29" | 92°57'55" |      |
| 3.                                                                                               | New Latowh                | Lawntlai & Saiha | HOIW        | 13400                | Kolodyne                                         | G    | 12-08-1999                             | 28/01/2007                             | 22°25'16" | 92°56'41" |      |
| 4.                                                                                               | Tuichang Power House site | Lunglei          | HOIW        | 1430                 | Kolodyne/Tui chang                               | G    | 07-01-2006                             | 31/12/2010                             | 23°02'05" | 92°57'59" |      |
| 5.                                                                                               | Tuirini                   | Aizawl           | HOIW        | 380                  | Tuirini                                          | GDS  | 01/08/1997<br>01/08/1997<br>01/12/1998 | 28/02/2004<br>28/02/2004<br>31/12/2002 | 23°47'41" | 92°53'20" |      |

|                                                                                                  |              |              |             |                      |                                                    |      |               |                |             |             |      |
|--------------------------------------------------------------------------------------------------|--------------|--------------|-------------|----------------------|----------------------------------------------------|------|---------------|----------------|-------------|-------------|------|
| Region                                                                                           |              |              |             |                      | Brahmaputra Basin Organization, Guwahati*          |      |               |                |             |             |      |
| Circle                                                                                           |              |              |             |                      | Hydrological Observation Circle, Guwahati*         |      |               |                |             |             |      |
| Division                                                                                         |              |              |             |                      | North Eastern Investigation Division-III, Itanagar |      |               |                |             |             |      |
| *(w.e.f 17.07.2020 via CWC order no. K-12012/2/2018-WPC). Actual charge is yet to be taken over. |              |              |             |                      |                                                    |      |               |                |             |             |      |
| State: Arunachal Pradesh                                                                         |              |              |             |                      | River Basin: Ganga – Brahmaputra - Meghna          |      |               |                |             |             |      |
| 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    | Longitude   | Code |
| 1.                                                                                               | Deopani      | Lower dibang | HOIW        | 100                  | Dibang/ Deopani                                    | G    | 01/09/1991    | 31/05/2003     | 28°09'31.2" | 95°50'49.7" |      |
| 2.                                                                                               | Jia          | Lower dibang | HOIW        | 6                    | Kundil/Jia                                         | G    | 04-11-2000    | 31/05/2007     | 27°59'57"   | 95°49'53"   |      |
| 3.                                                                                               | Kenkut       | Lower dibang | HOIW        | 2                    | Kundil/ Kenkut                                     | GDS  | 09/12/1999    | 31/05/2007     | 28°09'41.3  | 95°07'49.9  |      |
| 4.                                                                                               | Kopupani     | Lower dibang | HOIW        | 50                   | Kundil/ Kopupani                                   | G    | 06-06-1999    | 31/05/2007     | 28°01'24"   | 95°49'53"   |      |
| 5.                                                                                               | Mago Chu     | Tawang       | HOIW        | 848                  | Tawang Chu/ Mago Chu                               | GD   | 05/02/1998    | 31/04/2014     | 27°37'22"   | 92°00'48"   |      |
| 6.                                                                                               | Nuranang chu | Tawang       | HOIW        | 52                   | Brahmaputra/ Manas/ Tawang Chu/ Nurang Chu         | G    | 21/05/2001    | 31/05/2007     | -           | -           |      |
| 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    | Longitude   | Code |

|                                                                          |                                        |                     |      |      |                                                |     |            |            |           |           |  |
|--------------------------------------------------------------------------|----------------------------------------|---------------------|------|------|------------------------------------------------|-----|------------|------------|-----------|-----------|--|
| 7.                                                                       | Nuranang chu<br>(RA III Site)          | Tawang              |      | 80   | Tawang/<br>Nuranang<br>Chu                     | GDS | 21/05/2001 | 31/05/2007 | 27°33'05" | 92°01'14" |  |
| 8.                                                                       | Nyukcharong<br>Chu (Diversion<br>Site) | Tawang              | HOIW | 1128 | Tawang Chu/<br>Nyukcharong<br>Chu              | G   | 28/09/1999 | 30/06/2014 | 27°37'32" | 92°00'40" |  |
| 9.                                                                       | Rong Chu                               | Tawang              | HOIW | 5    | Tawang Chu/<br>Nyukcharong<br>Chu/ Rong<br>Chu | GD  | 14/12/1998 | 31/04/2014 | 27°38'26" | 92°00'17" |  |
| 10.                                                                      | Yusum Village                          | Tawang              | HOIW | 2484 | Tawang Chu                                     | GDS | 02/12/2000 | 31/04/2014 | 27°33'49" | 91°56'12" |  |
| <b>State: Jharkhand</b> <b>River Basin: Ganga – Brahmaputra - Meghna</b> |                                        |                     |      |      |                                                |     |            |            |           |           |  |
| 1.                                                                       | Balpahari<br>Barrage site              | Dhanbad/<br>Giridih | HOIW | 5348 | Ganga/<br>Damodar/<br>Barakar                  | G   | 01/02/2007 | 31/03/2012 | 24°02'38" | 86°23'49" |  |
| 2.                                                                       | Dam Site<br>Balpahari                  | Dhanbad/<br>Giridih | HOIW | 5348 | Ganga/<br>Damodar/<br>Barakar                  | G   | 01/02/2007 | 31/03/2012 | 24°03'38" | 86°22'42" |  |
| 3.                                                                       | Nandadih                               | Giridih             | HOIW | 5348 | Ganga/<br>Damodar/<br>Barakar                  | GDS | 01/02/2007 | 21/08/2014 | 24°01'57" | 86°25'59" |  |

|               |                                                   |
|---------------|---------------------------------------------------|
| <b>Region</b> | <b>Brahmaputra Basin Organization, Guwahati *</b> |
| <b>Circle</b> | <b>Hydrological Observation Circle, Guwahati</b>  |

| Division                                                                                         |            |              |             | Middle Brahmaputra Division Guwahati |                                           |      |               |                |           |           |      |
|--------------------------------------------------------------------------------------------------|------------|--------------|-------------|--------------------------------------|-------------------------------------------|------|---------------|----------------|-----------|-----------|------|
| *(w.e.f 17.07.2020 via CWC order no. K-12012/2/2018-WPC). Actual charge is yet to be taken over. |            |              |             |                                      |                                           |      |               |                |           |           |      |
| State: Assam                                                                                     |            |              |             |                                      | River Basin: Ganga – Brahmaputra - Meghna |      |               |                |           |           |      |
| S. No.                                                                                           | Site Name  | District     | HO/FF/ HOIW | Catchment Area SqKm                  | River Name/ Tributary/ Sub-Tributary      | Type | Date of start | Date of Closed | Latitude  | Longitude | Code |
| 1.                                                                                               | Bijni      | Bangaigoan   | HO          | 120                                  | Brahmaputra/ Dulani                       | G    | 03/05/1988    | 2006           | 26°29'01" | 90°39'36' | -    |
| 2.                                                                                               | Chowki     | Baksa (btad) | HO          | 400                                  | Brahmaputra/ pagladiya                    | G    | 01/05/1971    | 01/11/1988     | 26°49'00" | 91°30'00' |      |
| 3.                                                                                               | Mathanguri | Barpeta      | HO          | 2500                                 | Brahmaputra/ Manas                        | G    | 05/01/1971    | 2008           | 26°46'49" | 90°57'42' |      |
| 4.                                                                                               | Saralpara  | Kokrajhar    |             | 125                                  | Brahmaputra/ Gaurang                      | G    | 18/05/1994    | 2006           | 26°23'48" | 90°15'33' |      |

| Region                                                                                           |                  |                  |             |                     | Barak & Other Basins Organization, Shillong* |      |                                        |                                        |           |           |      |
|--------------------------------------------------------------------------------------------------|------------------|------------------|-------------|---------------------|----------------------------------------------|------|----------------------------------------|----------------------------------------|-----------|-----------|------|
| Circle                                                                                           |                  |                  |             |                     | Meghna Circle, Silchar                       |      |                                        |                                        |           |           |      |
| Division                                                                                         |                  |                  |             |                     | Meghna Investigation Division, Shillong      |      |                                        |                                        |           |           |      |
| *(w.e.f 17.07.2020 via CWC order no. K-12012/2/2018-WPC). Actual charge is yet to be taken over. |                  |                  |             |                     |                                              |      |                                        |                                        |           |           |      |
| State: Meghalaya                                                                                 |                  |                  |             |                     | River Basin: Ganga – Brahmaputra - Meghna    |      |                                        |                                        |           |           |      |
| S. No.                                                                                           | Site Name        | District         | HO/FF/ HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary         | Type | Date of start                          | Date of Closed                         | Latitude  | Longitude | Code |
| 1                                                                                                | Shella           | East Khasi Hills | HO          | 492                 | Umiew                                        | GD   | 16/04/1975<br>11/06/1975               | 28/02/1990<br>28/02/1990               | 25°10'00" | 91°37.5'  |      |
| 2                                                                                                | Balat            | Khasi Hills      | HO          | 4608                | umngi                                        | GDS  | 01/02/1975<br>08/03/1975<br>11/06/1978 | 28/02/1990<br>28/02/1990<br>28/02/1990 | 25°14'00" | 91°21.5'  |      |
| 3                                                                                                | Ranikar          | Khasi Hills      | HO          | 2438                | Jadukatta                                    | GDS  | 01/02/1975<br>06/03/1975<br>11/11/1983 | 28/02/1990<br>28/02/1990<br>28/02/1990 | 25°04'00" | 91°04'00' |      |
| 4                                                                                                | Baghmara         | West Garo Hills  | HO          | 2206                | Someswari                                    | GDS  | 01/03/1975<br>03/03/1975<br>05/06/1984 | 28/02/1990<br>28/02/1990<br>28/02/1990 | 25°12'00" | 90°39'00' |      |
| 5                                                                                                | Sonapur          | Jaintia Hills    | HO          | 639                 | Lubha                                        | GD   | 11/09/1974<br>11/09/1974               | 28/02/1990<br>28/02/1990               | 25°7'00"  | 92°22'00' |      |
| State: Assam                                                                                     |                  |                  |             |                     | River Basin: Ganga – Brahmaputra - Meghna    |      |                                        |                                        |           |           |      |
| 1                                                                                                | Borhkhola        | Cachar           | HO          | 598                 | Jatinga                                      | GDS  | 06/04/1984<br>23/04/1984<br>16/07/1984 | 28/02/1990<br>28/02/1990<br>28/02/1990 | 24°55'28" | 92°45'45' |      |
| 2                                                                                                | S.L. Road Bridge | Cachar           | HO          | 432                 | Chiri                                        | GD   | 09/01/1979<br>01/06/1979               | 28/02/1990<br>28/02/1990               | 24°48'45" | 92°45'45' |      |
| 3                                                                                                | Lakhipur         | Cachar           | HO          | 14450               | Barak                                        | GDS  | 01/06/1985<br>01/06/1985<br>01/06/1985 | 28/02/1990<br>28/02/1990<br>28/02/1990 | 24°47'24" | 92°0'23'  |      |

| S. No.                | Site Name              | District | HO/FF/HOIW                                       | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary | Type | Date of start                          | Date of Closed                | Latitude  | Longitude | Code |
|-----------------------|------------------------|----------|--------------------------------------------------|---------------------|--------------------------------------|------|----------------------------------------|-------------------------------|-----------|-----------|------|
| <b>State: Manipur</b> |                        |          | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |                     |                                      |      |                                        |                               |           |           |      |
| 1.                    | Jiribam                | Jiribam  | HO                                               | 940                 | Jiri                                 | GDS  | 15/05/1990<br>11/08/1990<br>01/09/1990 | 05/1994<br>05/1994<br>05/1994 | 24°48'26" | 93°06'48' |      |
| 2.                    | Jakuradhor             | Jiribam  | HO                                               | 13400               | Barak                                | GD   | 15/05/1990<br>30/07/1990               | 29/12/1999<br>29/12/1999      | 24°36'45" | 93°05'20' |      |
| 3.                    | Makru N.H. Road Bridge | Jiribam  | HO                                               | 505                 | Makru/ Barak                         | GD   | 05/04/1983<br>11/04/1983               | 30/06/2003<br>30/06/2003      | 24°58'30" | 93°11'02' |      |

# **CAUVERY AND SOUTHERN RIVERS ORGANISATION, COIMBATORE**

|                              |                  |                 |                   |                            |                                                            |             |                                        |                                        |                 |                  |             |
|------------------------------|------------------|-----------------|-------------------|----------------------------|------------------------------------------------------------|-------------|----------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Region</b>                |                  |                 |                   |                            | <b>Cauvery and Southern Rivers Organization Coimbatore</b> |             |                                        |                                        |                 |                  |             |
| <b>Circle</b>                |                  |                 |                   |                            | <b>Cauvery &amp; Southern Rivers Circle, Bangalore</b>     |             |                                        |                                        |                 |                  |             |
| <b>Division</b>              |                  |                 |                   |                            | <b>Hydrology Division, Chennai</b>                         |             |                                        |                                        |                 |                  |             |
| <b>State: Andhra Pradesh</b> |                  |                 |                   |                            | <b>River Basin : Krishna Basin</b>                         |             |                                        |                                        |                 |                  |             |
| <b>S. No.</b>                | <b>Site Name</b> | <b>District</b> | <b>HO/FF/HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>                | <b>Type</b> | <b>Date of start</b>                   | <b>Date of Closed</b>                  | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| <b>1</b>                     | Bhupasarmudram   | Anantapur       | HO                | 15026                      | Krishna/ Tungabhadra/ Vedavathi                            | GDQ         | 01/12/1978<br>01/12/1978<br>01/10/1986 | 15/07/2004<br>15/07/2004<br>15/07/2004 | 14°38'40"       | 76°59'00"        | AKL50J1     |
| <b>State : Karnataka</b>     |                  |                 |                   |                            | <b>River Basin : Krishna</b>                               |             |                                        |                                        |                 |                  |             |
| <b>2</b>                     | A.K. Bridge      | Chitradurga     | HO                | 1752                       | Krishna/Tungabhadra/ Hagari                                | GDQ         | 01/08/1979<br>03/06/1980<br>01/08/1986 | 15/07/2004<br>15/07/2004<br>15/07/2004 | 14°47'30"       | 76°43'30'        | AKL5112     |

# **INDUS BASIN ORGANISATION, CHANDIGARH**

| <b>Region</b>                     |                  |                 |                    |                            | <b>Indus Basin Organization, Chandigarh</b>        |                           |                                                                                                         |                                        |                 |                  |             |
|-----------------------------------|------------------|-----------------|--------------------|----------------------------|----------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>                     |                  |                 |                    |                            | <b>Monitoring and Appraisal Directorate, Jammu</b> |                           |                                                                                                         |                                        |                 |                  |             |
| <b>Division</b>                   |                  |                 |                    |                            | <b>Chenab Division, Jammu</b>                      |                           |                                                                                                         |                                        |                 |                  |             |
| <b>State: Jammu &amp; Kashmir</b> |                  |                 |                    |                            |                                                    | <b>River: Indus Basin</b> |                                                                                                         |                                        |                 |                  |             |
| <b>S. No.</b>                     | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>        | <b>Type</b>               | <b>Date of start</b>                                                                                    | <b>Date of Closed</b>                  | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                                | Arthal           | Kishtwar        | HO                 | 7760                       | Chenab                                             | GD                        | 05/07/1964<br>05/07/1964                                                                                | 01/03/1991<br>01/03/1991               | 33°16'          | 76°10'           | -           |
| 2.                                | Benzwar          | Kishtwar        | HO                 | 10687                      | Chenab                                             | GDS                       | 15/08/1961<br>27/08/1961<br>11/08/1972                                                                  | 01/08/2003<br>01/08/2003<br>01/08/2003 | 33°22'          | 75°45'           | IC000N9     |
| 3.                                | Kiyar Nalla      | Doda            | HO                 | 390                        | Marusudar                                          | GD                        | 14/06/1968                                                                                              | 01/03/1991                             | 33°30'          | 75°50'           |             |
| 4.                                | Kharpora         | Anantnag        | HO                 | 880                        | Vishow                                             | GD                        | 01/10/1989<br>23/10/1989<br>observation closed due to militancy. Observation re-started from 01/09/2003 | 2009<br>2009                           | NA              | NA               | -           |
| 5.                                | Kuriya           | Kishtwar        | HO                 | 3960                       | Marusudar                                          | GDS                       | 01/07/1961<br>01/07/1961<br>13/01/1968                                                                  | 01/08/1991<br>01/08/1991<br>01/08/1991 | 33°24'          | 75°42'           | -           |
| 6.                                | Loma             | Leh             | HO                 | 3094                       | Indus                                              | G                         | 01/11/2006                                                                                              | 01/11/2010                             | 33°10'09"       | 78°49'25"        |             |
| 7.                                | Tillar           | Jammu           | HO                 | 2800                       | Marusudar                                          | GDS                       | 01/06/1961<br>01/06/1961<br>15/08/1962                                                                  | 01/03/1991<br>01/03/1991<br>01/03/1991 | 33°40'          | 75°45'           | -           |

| S. No. | Site Name    | District | HO/FF/HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary | Type | Date of start | Date of Closed | Latitude  | Longitude | Code |
|--------|--------------|----------|------------|---------------------|--------------------------------------|------|---------------|----------------|-----------|-----------|------|
| 8.     | Ujj Dam Site | Kathua   | HOIW       | 854                 | Ravi/Ujj                             | GD   | 10/10/2009    | 30/06/2015     | 32°33'48" | 75°29'16" |      |
| 9.     | Ujj PH Site  | Kathua   | HOIW       | 880                 | Ravi/Ujj                             | GD   | 01/10/2010    | 30/06/2015     | 32°32'22" | 75°27'59" |      |

| <b>Region</b>                  |                  |                 |                    |                            | <b>Indus Basin Organization, Chandigarh</b>           |             |                          |                          |                 |                  |             |
|--------------------------------|------------------|-----------------|--------------------|----------------------------|-------------------------------------------------------|-------------|--------------------------|--------------------------|-----------------|------------------|-------------|
| <b>Circle</b>                  |                  |                 |                    |                            | <b>Monitoring &amp; Appraisal Directorate, Shimla</b> |             |                          |                          |                 |                  |             |
| <b>Division</b>                |                  |                 |                    |                            | <b>Snow Hydrology Division Shimla</b>                 |             |                          |                          |                 |                  |             |
| <b>State: Himachal Pradesh</b> |                  |                 |                    |                            | <b>River: Yamuna</b>                                  |             |                          |                          |                 |                  |             |
| <b>S. No.</b>                  | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>           | <b>Type</b> | <b>Date of Start</b>     | <b>Date of Closed</b>    | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1                              | Chopal           | Shimla          | HO                 |                            | Yamuna/Pabbar /Humal Khud                             | GD          | 01/07/1992               | 10/11/2003               | -               | -                | -           |
| 2.                             | Neoti            | Shimla          | HO                 |                            | Yamuna/Pabbar /Humal Khud                             | GD          | 01/07/1992               | 10/11/2003               | -               | -                |             |
| <b>State: Himachal Pradesh</b> |                  |                 |                    |                            | <b>River: Indus</b>                                   |             |                          |                          |                 |                  |             |
| 1.                             | Palchan          | Kullu           | HO                 |                            | Satluj/Beas                                           | GD          | 24/11/2003               | 15/11/2009               |                 |                  |             |
| 2.                             | Powari           | Kinnaur         | HO                 |                            | Satluj                                                | GD          | 25/05/2006               | 09/03/2017               |                 |                  |             |
| 3.                             | Solang Nala      | Kullu           | HO                 |                            | Satluj/Beas/ Solang Nala                              | GD          | 04/12/2003               | 15/11/2009               |                 |                  |             |
| <b>State: Himachal Pradesh</b> |                  |                 |                    |                            | <b>River: Ganga-Brahmaputra-Meghna-Barak</b>          |             |                          |                          |                 |                  |             |
| 1.                             | Sundli Nala      | Shimla          | HO                 | 4.86                       | Yamuna/ Pabbar/ Sundli Nala                           | GD          | 01/01/1984<br>01/08/1984 | 30/11/2009<br>30/11/2009 | 31°05'74"       | 77°40'04"        |             |

# **KRISHNA AND GODAVARI BASIN ORGANISATION, HYDERABAD**

| <b>Region</b>                |                  |                 |                   |                            | <b>Krishna and Godavari Basin Organization Hyderabad</b> |             |                          |                          |                 |                  |             |
|------------------------------|------------------|-----------------|-------------------|----------------------------|----------------------------------------------------------|-------------|--------------------------|--------------------------|-----------------|------------------|-------------|
| <b>Circle</b>                |                  |                 |                   |                            | <b>Godavari Circle, Hyderabad</b>                        |             |                          |                          |                 |                  |             |
| <b>Division</b>              |                  |                 |                   |                            | <b>Lower Godavari Division, Hyderabad</b>                |             |                          |                          |                 |                  |             |
| <b>State: Chhattisgarh</b>   |                  |                 |                   |                            | <b>River Basin : Godavari Basin</b>                      |             |                          |                          |                 |                  |             |
| <b>S. No.</b>                | <b>Site Name</b> | <b>District</b> | <b>HO/FF/HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>              | <b>Type</b> | <b>Date of Start</b>     | <b>Date of Closed</b>    | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1                            | Injaram          | Dabtewara       | HO                | 12925                      | Godavari/ Sabri/                                         | GD          | 06/01/1964<br>19/01/1966 | 04/08/2006<br>04/08/2006 | 17°50'00"       | 81°23'00"        |             |
| 2.                           | Nelsanar         | Dantewara       | HO                | 19600                      | Godavri/ Indravati                                       | G           | 01/06/1995               | 31/05/2004               | 19°00'00"       | 81°11'00"        |             |
| <b>State: Andhra Pradesh</b> |                  |                 |                   |                            | <b>River Basin : Godavari Basin</b>                      |             |                          |                          |                 |                  |             |
| 1                            | Cherla           | Khammam         | HO                | 3295                       | Godavari/ Taliperu                                       | GD          | 21/06/1971<br>22/06/1971 | 31/05/1989<br>31/05/1989 | 18°05'00"       | 80°54'00"        |             |
| 2                            | Pochavaram       | Khammam         | HO                | 305460                     | Godavari                                                 | GD          | 11/03/1964<br>28/03/1965 | 31/05/1977<br>31/05/1977 | 17°45'00"       | 81°20'00"        |             |
| 3.                           | Tegada (Cherla)  | Khammam         | HO                | 3295                       | Godavari/ Taliperu                                       | GD          | 01/02/1964<br>01/01/1968 | 20/06/1971<br>00/06/1971 | 18°05'00"       | 80°54'00"        |             |
| <b>State: Orissa</b>         |                  |                 |                   |                            | <b>River Basin : Godavari Basin</b>                      |             |                          |                          |                 |                  |             |
| 1.                           | Kotta            | Koraput         | HO                | 1710                       | Godavari/Saba ri/Kolab                                   | GD          | 01/05/1968<br>01/05/1968 | 01/06/1988<br>01/06/1988 | 18°47'00"       | 82°31'00"        | -           |

| Region                |            |            |            |                     | Krishna Godavari Basin Organisation 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  | Longitude | Code |
| 1.                    | Ashwi      | Ahmednagar | HO         | 1820                | Godavari/ Pravara                             | GD   | 11/05/1972<br>11/05/1972                             | 30/06/1996<br>30/06/1996                             | 19°33'00" | 74°36'00" |      |
| 2.                    | Babli      | Nanded     | HO         | 55510               | Godavari                                      | GD   | 12/08/1963<br>23/12/1965                             | 31/05/1978<br>31/05/1978                             | 18°52'00" | 77°49'00" |      |
| 3.                    | Bhatkhedda | Lathur     | HO         | 4650                | Godavri /Manjira                              | GD   | 09/06/1989<br>19/07/1989                             | 30/04/2006<br>30/04/2006                             | 18°25'38" | 76°40'22" |      |
| 4.                    | Chass      | Ahmednagar | HO         | 5230                | Godavari                                      | GD   | 02/08/1972<br>02/08/1972                             | 30/06/1997<br>30/06/1997                             | 19°57'20" | 74°17'15" |      |
| 5.                    | Ghargaon   | Ahmednagar | HO         | 626                 | Godavari/ Pravara/Mula                        | GD   | 09/06/1989<br>29/07/1991                             | 30/04/2006<br>30/04/2006                             | 19°19'13" | 74°10'43" |      |
| 6.                    | Manjlegaon | Bheed      | HO         | 3960                | Godavri /Sindhapana                           | GDSQ | 23/09/1963<br>01/01/1965<br>01/05/1967<br>19/06/1966 | 30/06/1997<br>30/06/1997<br>30/06/1997<br>30/06/1997 | 19°10'00" | 76°15'00" |      |
| 7.                    | Mula Dam   | Ahmednagar | HO         | 2280                | Godavari/ Pravara/Mula                        | G    | 12/6/1978                                            | 31/10/2006                                           | 19°19'00" | 76°22'00" |      |
| 8.                    | Phalla     | Parhbhani  | HO         | 35190               | Godavari                                      | GD   | 16/01/1964<br>14/01/1965                             | 01/12/1986<br>31/05/1976                             | 19°06'00" | 77°01'00" |      |
| 9.                    | Rajawadi   | Parhbhani  | HO         | 4100                | Godavari/ Dudhana                             | G    | 21/06/1977                                           | 04/07/2003                                           | 19°33'00" | 74°37'00" |      |
| 10.                   | Toka       | Ahmednagar | HO         | 16250               | Godavari                                      | GD   | 08/01/1964<br>21/08/1964                             | 30/11/1974<br>30/11/1974                             | 19°37'00" | 81°11'00" |      |
| State: Andhra Pradesh |            |            |            |                     | River Basin : Godavari                        |      |                                                      |                                                      |           |           |      |
| 1                     | Raipalli   | Medak      | HO         | 15880               | Godavari/ Manjira                             | GD   | 11/06/1964<br>25/07/1965                             | 31/05/1987<br>31/05/1987                             | 17°51'00" | 77°52'00" |      |
| 2.                    | Basar      | Adilabad   | HO         | 86600               | Godavari                                      | GD   | 11/08/1963<br>25/07/1965                             | 31/05/1982<br>31/05/1982                             | 18°52'00" | 77°59'00" |      |

| <b>Region</b>                |                       |                 |                    |                            | <b>Krishna and Godavari Basin Organization Hyderabad</b> |             |                                                      |                                                      |                 |                  |             |
|------------------------------|-----------------------|-----------------|--------------------|----------------------------|----------------------------------------------------------|-------------|------------------------------------------------------|------------------------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>                |                       |                 |                    |                            | <b>Krishna and Co-ordination Circle, Hyderabad</b>       |             |                                                      |                                                      |                 |                  |             |
| <b>Division</b>              |                       |                 |                    |                            | <b>Lower Krishna Division, Hyderabad</b>                 |             |                                                      |                                                      |                 |                  |             |
| <b>State: Andhra Pradesh</b> |                       |                 |                    |                            | <b>River Basin : Krishna</b>                             |             |                                                      |                                                      |                 |                  |             |
| <b>S. N o.</b>               | <b>Site Name</b>      | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>              | <b>Type</b> | <b>Date of start</b>                                 | <b>Date of Closed</b>                                | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1                            | Damarapadu            | Guntur          | HO                 | 215350                     | Krishna                                                  | GDS         | 15/03/1964<br>01/01/1965<br>01/06/1965               | 01/12/1975<br>01/12/1975<br>01/12/1975               | 16°35'00"       | 79°25'00"        |             |
| 2                            | Lakshmiapuram         | Kurnool         | HO                 | 2400                       | Krishna/<br>Tungabhadra/<br>Hundri                       | GD          | 18/06/1984<br>13/09/1984                             | 31/05/2006<br>31/05/2006                             | 15°45'30"       | 78°04'30"        |             |
| 3                            | Morvakonda            | Kurnool         | HO                 | 210500                     | Krishna                                                  | GDS         | 10/05/1965<br>20/12/1965<br>18/01/1966               | 31/05/1981<br>31/05/1981<br>31/05/1981               | 16°02'00"       | 78°16'00"        |             |
| 4                            | Pondugala             | Guntur          | HO                 | 221220                     | Krishna                                                  | GDSQ        | 01/11/1972<br>13/11/1975<br>01/12/1975<br>01/12/1975 | 31/05/2007<br>31/05/2007<br>31/05/2006<br>31/05/2006 | 16°41'02"       | 79°39'40"        |             |
| 5                            | Purushothama<br>gudem | Warangal        | HO                 | 2720                       | Krishna/<br>Munneru/<br>Akeru                            | GD          | 01/08/1987<br>01/09/1987                             | 31/05/2006<br>31/05/2006                             | 17°25'00"       | 79°57'00"        |             |
| 6.                           | Yaparla               | Mahbubnagar     | HO                 | 136618                     | Krishna                                                  | GD          | 10/09/1971<br>11/09/1971                             | 31/05/1981<br>31/05/1981                             | 16°02'00"       | 78°03'00"        |             |

| S. No.                       | Site Name     | District    | HO/FF/ HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary | Type                                                                 | Date of start                                        | Date of Closed                                       | Latitude  | Longitude | Code |
|------------------------------|---------------|-------------|-------------|---------------------|--------------------------------------|----------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------|-----------|------|
| <b>State: Karnataka</b>      |               |             |             |                     |                                      | <b>River Basin : Krishna Basin</b>                                   |                                                      |                                                      |           |           |      |
| 1.                           | Dhannur       | Bijapur     | HO          | 48900               | Krishna                              | GDS                                                                  | 01/06/1968<br>01/06/1968<br>15/09/1972               | 31/12/1976<br>01/06/1976<br>01/06/1976               | 16°12'00" | 76°06'00" |      |
| 2.                           | Kamplibridge  | Raichur     | HO          | 33018               | Krishna/<br>Tungbhadra               | GD                                                                   | 20/06/1972<br>10/07/1972                             | 31/05/1973<br>31/05/1973                             | -         | -         |      |
| 3.                           | Lakkavali     | Chikmagalur | HO          | 2095                | Krishna/<br>Tungabhadra              | GD                                                                   | 27/10/1971<br>27/06/1972                             | 31/05/1980<br>31/05/1980                             | 13°42'00" | 75°33'20" |      |
| <b>State: Andhra Pradesh</b> |               |             |             |                     |                                      | <b>River Basin : West Flowing Rivers from Tapi to Tadri</b>          |                                                      |                                                      |           |           |      |
| 1.                           | K. Bitragunta | Prakasam    | HO          | 2420                | Palleru/ Palleru                     | GD                                                                   | 15/09/1989<br>06/06/1990                             | 01/06/2006<br>01/06/2006                             | 15°18'10" | 80°00'15" |      |
| <b>State: Andhra Pradesh</b> |               |             |             |                     |                                      | <b>River Basin : East Flowing Rivers between Mahanadi and Pennar</b> |                                                      |                                                      |           |           |      |
| 1.                           | Thammavaram   | Prakasam    | HO          | 7889                | Gundlakamma/<br>Gundlakama           | GDSQ                                                                 | 09/09/1977<br>09/09/1977<br>01/06/1979<br>01/06/1979 | 31/05/2007<br>31/05/2007<br>31/05/2007<br>31/05/2007 | 15°56'00" | 79°57'08" |      |

| <b>Region</b>             |                  |                 |                     |                            | <b>Krishna and Godavari Basin Organisation, Hyderabad</b> |             |                                        |                                        |                 |                  |             |
|---------------------------|------------------|-----------------|---------------------|----------------------------|-----------------------------------------------------------|-------------|----------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                  |                 |                     |                            | <b>Krishna and Co-ordination Circle, Hyderabad</b>        |             |                                        |                                        |                 |                  |             |
| <b>Division</b>           |                  |                 |                     |                            | <b>Upper Krishna Division, Pune</b>                       |             |                                        |                                        |                 |                  |             |
| <b>State: Maharashtra</b> |                  |                 |                     |                            | <b>River Basin : West flowing rivers south of Tapi</b>    |             |                                        |                                        |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b> | <b>District</b> | <b>HO/ FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>               | <b>Type</b> | <b>Date of start</b>                   | <b>Date of Closed</b>                  | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Adavali          | Sindudurg       | HO                  | 835                        | Gad                                                       | GDQ         | 01/04/1986<br>01/01/1987<br>04/08/1992 | 03/07/2000<br>03/07/2000<br>03/07/2000 | 16°12'00"       | 74°34'00"        | WJ000I8     |
| 2.                        | Kolad            | Raigarh         | HO                  | 294                        | Kundalika                                                 | GD          | 04/07/1996<br>13/09/1996               | 31/05/2006<br>31/05/2006               | 18°25'00"       | 73°13'00"        | AKP12S1     |
| 3.                        | Pali             | Raigad          | HO                  | 310                        | Amba/ Amba                                                | GD          | 21/06/1980<br>27/09/1980               | 01/06/1987<br>30/11/1986               | 18°32'00"       | 73°12'00"        | AK000R3     |
| 4.                        | Poladur          | Raigarh         | HO                  | 264.8                      | Savitri                                                   | G           | 04/07/1997                             | 31/05/2006                             | 17°58'18"       | 73°27'31"        | AKT20C3     |
| <b>State: Maharashtra</b> |                  |                 |                     |                            | <b>River Basin : Krishna Basin</b>                        |             |                                        |                                        |                 |                  |             |
| 1.                        | Bastawade        | Kolhapur        | HO                  | 640                        | Krishna/ Dudhganga/ Vedgana                               | GD          | 24/06/1979<br>27/08/1979               | 31/05/2007<br>31/05/2007               | 16°27'00"       | 74°21'00"        |             |
| 2.                        | Boriomerga       | Sholapur        | HO                  | 2640                       | Krishna/ Bhima/ Borinala                                  | GD          | 01/06/1979<br>25/07/1979               | 31/05/2007<br>31/05/2006               | 15°33'00"       | 76°14'00"        |             |
| 3.                        | Chincholi        | Osmanabad       | HO                  | 830                        | Krishna/ Bhima/ Bennithora                                | GD          | 01/06/1979<br>01/08/1979               | 31/05/2006<br>31/05/2006               | 17°45'00"       | 76°41'00"        |             |
| 4.                        | Koyna            | Satara          | HO                  | 920                        | Krishna/ Koyna                                            | GD          | 17/07/1972<br>15/10/1972               | 31/05/2007<br>31/05/2007               | 17°23'00"       | 73°44'00"        |             |

| S. No.                                                            | Site Name            | District  | HO/FF / HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary | Type | Date of start                                        | Date of Closed                                       | Latitude  | Longitude | Code |
|-------------------------------------------------------------------|----------------------|-----------|--------------|---------------------|--------------------------------------|------|------------------------------------------------------|------------------------------------------------------|-----------|-----------|------|
| 5.                                                                | Ridhore              | Solapur   | HO           | 4807                | Krishna/ Bhima /Sina                 | G    | 02/03/1990                                           | 01/06/2006                                           | 18°07'00" | 75°33'00" |      |
| 6.                                                                | Shirti               | Sangil    | HO           | 12660               | Krishna                              | GD   | 05/09/1963<br>21/09/1967                             | 20/12/1969<br>20/12/1969                             | (blank)   | (blank)   |      |
| 7.                                                                | Siddhewadi           | Solapur   | HO           | 4807                | Krishna/ Bhima/ Man                  | G    | 27/07/1986                                           | 01/06/2006                                           | 17°33'49" | 75°24'42" |      |
| 8.                                                                | Terwad               | Sangli    | HO           | 2425                | Krishna                              | GD   | 06/09/1963<br>01/09/1967                             | 17/10/1971<br>17/10/1971                             | (blank)   | (blank)   |      |
| 9.                                                                | Vandur               | Kolhapur  | HO           | 550                 | Krishna/ Dudhganga                   | GD   | 01/03/1979<br>18/07/1979                             | 31/05/2007<br>31/05/2007                             | 16°34'00" | 74°17'00" |      |
| <b>State: Karnataka River Basin : Krishna</b>                     |                      |           |              |                     |                                      |      |                                                      |                                                      |           |           |      |
| 1.                                                                | Bagalkot             | Bagalkot  | HO           | 8610                | Krishna/ Ghatprabha                  | GDSQ | 16/10/1963<br>20/04/1967<br>22/08/1972<br>01/08/1972 | 30/09/2000<br>03/07/2000<br>30/06/2000<br>30/06/2000 | 16°12'15" | 75°43'24" |      |
| 2.                                                                | Daddi                | Belgaum   | HO           | 1150                | Krishna/ Ghataprabha                 | GD   | 01/12/1978<br>01/12/1978                             | 31/05/2007<br>31/05/2007                             | 16°04'00" | 74°28'00" |      |
| 3.                                                                | Galgali              | Bagalkot  | HO           | 22560               | Krishna                              | GDSQ | 21/02/1976<br>21/02/1976<br>07/08/1978<br>01/01/1980 | 31/05/2001<br>31/05/2001<br>31/05/2001<br>08/11/2000 | 16°25'30" | 75°26'19" |      |
| 4.                                                                | Gotur                | Belgaum   | HO           | 1100                | Krishna/ Ghatapuabha/ Hiranyakeshi   | GD   | 21/06/1979<br>17/06/1980                             | 31/05/2007<br>31/05/2007                             | 16°13'00" | 74°31'00" |      |
| 5.                                                                | Pandegaon            | Belgaum   | HO           | 690                 | Krishna / Agrani                     | GD   | 21/08/1979<br>06/10/1979                             | 31/05/2007<br>31/05/2007                             | 16°56'00" | 74°56'00" |      |
| 6.                                                                | Almatti              | Bijapur   | HO/ FF       | 36286               | Krishna                              | D    | 01/12/1965                                           | 01/06/1976                                           | 16°20'00" | 75°53'00" |      |
| <b>State : Goa River Basin: West flowing rivers south to Tapi</b> |                      |           |              |                     |                                      |      |                                                      |                                                      |           |           |      |
| 1.                                                                | Khandepar at Usagaon | North Goa | HO           | 364                 | Mandovi/ Khandepar                   | GD   | 26/05/1971<br>26/05/1971                             | 15/12/1979<br>15/12/1979                             | 15°25'00" | 74°03'00" |      |
| 2.                                                                | Madei at Usagaon     | North Goa | HO           | 543                 | Mandovi                              | GD   | 26/05/1971<br>26/05/1971                             | 20/01/1979<br>20/01/1979                             | 15°30'00" | 74°04'00" |      |

# **LOWER GANGA BASIN ORGANISATION, PATNA**

| <b>Region</b>       |                  |                 |                    |                            | <b>Lower Ganga Basin Organisation, Patna</b>     |             |                                                      |                                                      |                 |                  |             |
|---------------------|------------------|-----------------|--------------------|----------------------------|--------------------------------------------------|-------------|------------------------------------------------------|------------------------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>       |                  |                 |                    |                            | <b>Monitoring Directorate, Patna</b>             |             |                                                      |                                                      |                 |                  |             |
| <b>Division</b>     |                  |                 |                    |                            | <b>Lower Ganga Division-1, Patna</b>             |             |                                                      |                                                      |                 |                  |             |
| <b>State: Bihar</b> |                  |                 |                    |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                                                      |                                                      |                 |                  |             |
| <b>S. No.</b>       | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b>                                 | <b>Date of Closed</b>                                | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                  | Baln(HW)         | Madhubani       | HO                 | 160                        | Ganga/ Kosi/ Kamla-Balan/ Balan                  | G           | 24/06/1970                                           | 16/10/2005                                           | 26°37'00"       | 86°20'00"        |             |
| 2.                  | Banmankhi        | Purnia          | HO                 | 657                        | Ganga/ Kosi/ Farianidhar                         | GDSQ        | 30/11/1976<br>30/11/1976<br>01/11/1977<br>15/11/1977 | 16/10/2003<br>16/10/2003<br>16/10/2003<br>16/10/2003 | 25°30'17"       | 87°15'15"        |             |
| 3.                  | Pipra            | Saharsha        | HO                 | 76                         | Ganga/ Kosi/ Parwandhar                          | GDQ         | 21/12/1976<br>03/11/1977<br>15/02/1977               | 31/05/2002<br>31/05/2002<br>31/05/2002               | 26°09'26"       | 86°49'50"        |             |

| <b>Region</b>       |                  |                 |                    |                            | <b>Lower Ganga Basin Organization, Patna</b>     |             |                          |                          |                 |                  |             |
|---------------------|------------------|-----------------|--------------------|----------------------------|--------------------------------------------------|-------------|--------------------------|--------------------------|-----------------|------------------|-------------|
| <b>Circle</b>       |                  |                 |                    |                            | <b>Monitoring Directorate, Patna</b>             |             |                          |                          |                 |                  |             |
| <b>Division</b>     |                  |                 |                    |                            | <b>Lower Ganga Division-II, Patna</b>            |             |                          |                          |                 |                  |             |
| <b>State: Bihar</b> |                  |                 |                    |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                          |                          |                 |                  |             |
| <b>S. No.</b>       | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b>     | <b>Date of Closed</b>    | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                  | Sinhaghat        | Bhojpur         | HO                 | 610130                     | Ganga                                            | GD          | 12/04/1959<br>12/04/1959 | 01/02/2005<br>01/02/2005 | 25°41'43"       | 84°38'18"        | GG000M1     |
| 2.                  | Sono             | Munger          | HO                 | 440                        | Ganga/ Kiul/ Bernar                              | G           | 01/06/1979               | 31/05/2002               | 24°05'00"       | 87°30'00"        | GGP20J6     |
| 3.                  | Garhi            | Munger          | HO                 | 260                        | Ganga/ Kiul                                      | G           | 01/06/1979               | 31/05/2002               | 25°05'00"       | 86°00'00"        | GGP00R3     |
| 4.                  | Miachak          | Gaya            | HO                 | 2802                       | Ganga/ Punpun/ Morhar                            | GD          | 21/08/1959<br>21/08/1958 | 31/05/2002<br>31/05/2002 | 25°05'50"       | 85°05'55"        | GGR20CI     |

| Region                |               |           |             |                     | Lower Ganga Basin Organisation, Patna     |      |                                                      |                                                                |           |           |         |
|-----------------------|---------------|-----------|-------------|---------------------|-------------------------------------------|------|------------------------------------------------------|----------------------------------------------------------------|-----------|-----------|---------|
| Circle                |               |           |             |                     | Hydrological Observation Circle, Varanasi |      |                                                      |                                                                |           |           |         |
| Division              |               |           |             |                     | Middle Ganga Division-III, Varanasi       |      |                                                      |                                                                |           |           |         |
| State: Uttar Pradesh  |               |           |             |                     | River Basin: Ganga – Brahmaputra - Meghna |      |                                                      |                                                                |           |           |         |
| S. No.                | Site Name     | District  | HO/FF/ HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary      | Type | Date of Start                                        | Date of Closed                                                 | Latitude  | Longitude | Code    |
| 1.                    | Sirsa         | Allahabad | HO          | 482741              | Ganga                                     | G    | 27/02/1985                                           | 25/08/2002 (Shifted)                                           | 25°16'22" | 82°06'00" | GGV00B7 |
| 2.                    | Phephna       | Ballia    | HO          | 7722                | Ganga                                     | GD   | 11/07/1970<br>11/07/1970                             | 01/02/2007<br>01/02/2007                                       | 25°46'00" | 84°02'00" | GGU20J3 |
| 3.                    | Tons Aqueduct | Allahabad | HO          | 16311               | Ganga                                     | G    | 21/08/1969                                           | 01/12/2007                                                     | 25°03'00" | 81°46'00" | GGZ00F6 |
| 4.                    | Kota          | Sonbhadra | HO          | 5900                | Ganga/Kanhar                              | GDSQ | 01/01/1976<br>01/01/1976<br>01/08/1987<br>01/06/1987 | 01/06/2004<br>01/06/2004<br>01/06/2004<br>01/06/2004 (Shifted) | 24°12'00" | 83°08'00" | GGX20J9 |
| State: Madhya Pradesh |               |           |             |                     | River Basin: Ganga – Brahmaputra - Meghna |      |                                                      |                                                                |           |           |         |
| 1                     | Phaphund      | Shahdol   | HO          | 6598                | Ganga                                     | GDSQ | 19/04/1974<br>19/04/1974<br>01/02/1989<br>01/11/1980 | 01/03/2004<br>01/03/2004<br>01/03/2004<br>01/03/2004 (Shifted) | 24°03'00" | 81°03'00" | GGT00X3 |
| 2                     | Nauriya       | Sidhi     | HO          | 2520                | Ganga/ Bonas                              | GD   | 19/11/1976<br>19/11/1976                             | 16/04/2007<br>16/04/2007                                       | 24°12'00" | 81°31'00" | GGT70D8 |
| State: Bihar          |               |           |             |                     | River Basin: Ganga – Brahmaputra - Meghna |      |                                                      |                                                                |           |           |         |
| 1                     | Karamnasa     | Rohtas    | HO          | 3027                | Ganga                                     | GDQ  | 11/07/1970<br>11/07/1970<br>01/06/1971               | 02/01/2004<br>02/01/2004<br>02/01/2004 (Shifted)               | 25°40'00" | 82°32'00" | GGW00J5 |

# **MAHANADI AND EASTERN RIVERS ORGANISATION, BHUBANESWAR**

| <b>Region</b>        |                  |                 |                   |                            | <b>Mahanadi and Eastern Rivers Bhubaneswar</b>      |             |                          |                          |                 |                  |             |
|----------------------|------------------|-----------------|-------------------|----------------------------|-----------------------------------------------------|-------------|--------------------------|--------------------------|-----------------|------------------|-------------|
| <b>Circle</b>        |                  |                 |                   |                            | <b>Hydrological Observation Circle, Bhubaneswar</b> |             |                          |                          |                 |                  |             |
| <b>Division</b>      |                  |                 |                   |                            | <b>Mahanadi Division, Burla</b>                     |             |                          |                          |                 |                  |             |
| <b>State: Orissa</b> |                  |                 |                   |                            | <b>River Basin: Subarnarekha</b>                    |             |                          |                          |                 |                  |             |
| <b>S. No.</b>        | <b>Site Name</b> | <b>District</b> | <b>HO/FF/HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>         | <b>Type</b> | <b>Date of Start</b>     | <b>Date of Closed</b>    | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1                    | Pandigaon        | Kalahandi       | HO                | 6060                       | Tel                                                 | GD          | 28/03/1989<br>16/06/1989 | 21/12/1998<br>21/12/1998 | 20°05'35"       | 83°05'00"        |             |
| 2                    | Sukma            | Bolangir        | HO                | 1365                       | Suktel                                              | GD          | 20/06/1987<br>20/06/1989 | 15/07/2003<br>15/07/2003 | 20°48'52"       | 83°20'20"        |             |

# **MONITORING CENTRAL ORGANISATION, NAGPUR**

| Region             |           |                 |            |                     | Monitoring (Central), Nagpur         |      |                          |                          |           |           |         |
|--------------------|-----------|-----------------|------------|---------------------|--------------------------------------|------|--------------------------|--------------------------|-----------|-----------|---------|
| Division           |           |                 |            |                     | Waingangā 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  | Longitude | Code    |
| 1                  | Marlegaon | Yetomal (HQ)    | HO         | 7410                | Godavari/ Pranhita/ Penganga         | GD   | 16/08/1963<br>01/09/1964 | 31/10/2005<br>31/10/2005 | 19°32'28" | 77°40'19" | AGH32N7 |
| 2                  | Medapalli | Gadchiroli (HQ) | HO         | 2031                | Godavari/ Pranhita/ Penganga         | GD   | 23/06/1965<br>19/12/1966 | 31/10/2005<br>31/10/2005 | 19°24'42" | 80°37'49" | AGG40A7 |

# **MONITORING SOUTH ORGANISATION, BENGALURU**

| <b>Region</b>           |                  |                 |                    |                            |                                             | <b>Monitoring South Organisation, Bengaluru</b>                      |                                        |                                        |                 |                  |             |
|-------------------------|------------------|-----------------|--------------------|----------------------------|---------------------------------------------|----------------------------------------------------------------------|----------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>           |                  |                 |                    |                            |                                             | <b>Hydrological Observation &amp; Coordination Circle, Bengaluru</b> |                                        |                                        |                 |                  |             |
| <b>Division</b>         |                  |                 |                    |                            |                                             | <b>Cauvery Division, Bangalore</b>                                   |                                        |                                        |                 |                  |             |
| <b>State: Karnataka</b> |                  |                 |                    |                            |                                             | <b>River Basin : Cauvery Basin</b>                                   |                                        |                                        |                 |                  |             |
| <b>S. No.</b>           | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b> | <b>Type</b>                                                          | <b>Date of start</b>                   | <b>Date of Closed</b>                  | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1                       | Kanakpura        | Bangalore Rural | HO                 | 3425                       | Cauvery/ Arkavathi                          | GDQ                                                                  | 24/07/1978<br>09/09/1978<br>01/06/1979 | 10/11/2003<br>10/11/2003<br>10/11/2003 | 12 °32'45"      | 77°°25'40"       | CCL00D9     |

# **MAHI AND TAPI BASIN ORGANISATION, GANDHINAGAR**

| <b>Region</b>             |                  |                 |                   |                            | <b>Mahi and Tapi Basin, Gandhinagar</b>             |             |                                                      |                                                           |                 |                  |             |
|---------------------------|------------------|-----------------|-------------------|----------------------------|-----------------------------------------------------|-------------|------------------------------------------------------|-----------------------------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                  |                 |                   |                            | <b>Hydrological Observation Circle, Gandhinagar</b> |             |                                                      |                                                           |                 |                  |             |
| <b>Division</b>           |                  |                 |                   |                            | <b>Tapi Division, Surat</b>                         |             |                                                      |                                                           |                 |                  |             |
| <b>State: Gujarat</b>     |                  |                 |                   |                            | <b>River Basin : Tapi Basin</b>                     |             |                                                      |                                                           |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b> | <b>District</b> | <b>HO/FF/HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>         | <b>Type</b> | <b>Date of Start</b>                                 | <b>Date of Closed</b>                                     | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Kakrapar         | Surat           | FF                | 62826                      | Tapi                                                | G           | 01/06/1969                                           | 01/06/2005<br>(Reopened as a telemetry site under DWRIS ) | 21°16'00"       | 73°34'00"        |             |
| <b>State: Maharashtra</b> |                  |                 |                   |                            | <b>River Basin : Tapi Basin</b>                     |             |                                                      |                                                           |                 |                  |             |
| 1.                        | Dapuri           | Jalgaon         | HO                | 8901                       | Girna                                               | GDSQ        | 21/09/1971<br>21/01/1972<br>01/07/1973<br>01/06/1977 | 01/06/2005<br>01/06/2005<br>01/06/2005<br>01/06/2005      | 20°54'00"       | 75°27'42"        |             |
| 2.                        | Malkheda         | Jalgaon         | HO                | 1830                       | Bori                                                | GDQ         | 17/07/1976<br>02/11/1977<br>01/09/1990               | 01/06.2005<br>01/06.2005<br>01/06.2005                    | 21°03'23"       | 75°04'18"        |             |

| <b>Region</b>         |                  |                 |                    |                            | <b>Mahi and Tapi Basin Organisation, Gandhinagar</b> |             |                                                      |                                                      |                 |                  |             |
|-----------------------|------------------|-----------------|--------------------|----------------------------|------------------------------------------------------|-------------|------------------------------------------------------|------------------------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>         |                  |                 |                    |                            | <b>Hydrological Observation Circle, Gandhinagar</b>  |             |                                                      |                                                      |                 |                  |             |
| <b>Division</b>       |                  |                 |                    |                            | <b>Mahi Division, Gandhinagar</b>                    |             |                                                      |                                                      |                 |                  |             |
| <b>State: Gujarat</b> |                  |                 |                    |                            | <b>River Basin : Mahi Basin</b>                      |             |                                                      |                                                      |                 |                  |             |
| <b>S. No.</b>         | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>          | <b>Type</b> | <b>Date of Start</b>                                 | <b>Date of Closed</b>                                | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                    | Nabhoi           | Kheda           | HO                 | 20149                      | Sabarmati                                            | GDQ         | 03/01/1991<br>14/02/1991<br>15/07/1991               | 09/08/2000<br>09/08/2000<br>09/08/2000               | 22°34'14"       | 72°27'24"        | NS000D5     |
| 2.                    | Valsana          | Mehsana         | HO                 | 561461                     | Sabarmati                                            | GDSQ        | 01/07/1976<br>01/07/1976<br>01/07/1976<br>01/07/1976 | 31/05/1992<br>31/05/1992<br>31/05/1992<br>31/05/1992 | 23°50'00"       | 72°47'15"        | NS000R5     |

# **NARMADA BASIN ORGANISATION, BHOPAL**

| Region                |             |             |             |                     | Narmada Basin Organisation, Bhopal   |      |                                                      |                                                      |           |           |      |
|-----------------------|-------------|-------------|-------------|---------------------|--------------------------------------|------|------------------------------------------------------|------------------------------------------------------|-----------|-----------|------|
| Division              |             |             |             |                     | Narmada Division, Bhopal             |      |                                                      |                                                      |           |           |      |
| State: Madhya Pradesh |             |             |             |                     | River Basin : Narmada 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  | Longitude | Code |
| 1                     | Amgoan      | Mandla      | HQ          | 9344                | Narmada                              | GD   | 01/07/1999<br>07/09/2001                             | 01/04/2006<br>01/04/2006                             | 24°30'00" | 80°30'00" |      |
| 2                     | Ajandiman   | Dhar        | HQ          | 997                 | Man                                  | GDQ  | 31/08/1984<br>23/07/1985<br>15/09/1986               | 31/03/1993<br>31/03/1993<br>31/03/1993               | 22°11'05" | 75°07'43" |      |
| 3                     | Bareli      | Raisen      | HQ          | 1590                | Barna                                | GDQ  | 16/07/1984<br>07/08/1985<br>15/09/1986               | 31/03/1993<br>31/03/1993<br>31/03/1993               | 22°58'22" | 78°12'21" |      |
| 4                     | Ginnore     | Khandwa     | HQ          | 4816                | ChootaTawa                           | GDSQ | 01/06/1971<br>21/08/1971<br>26/12/1972<br>16/07/1979 | 01/04/1999<br>01/04/1999<br>01/04/1999<br>01/04/1999 | 22°10'06" | 76°39'42" |      |
| 5                     | Hridaynagar | Mandala     | HQ          | 3770                | Banjar                               | GDQ  | 21/11/1976<br>21/11/1976<br>01/09/1986               | 31/03/2002<br>31/03/2002<br>31/03/2002               | 22°32'36" | 80°23'00" |      |
| 6                     | Jamtara     | Jabalpur    | HQ/FF       | 17157               | Narmada                              | GDSQ | 28/10/1971<br>22/02/1972<br>15/07/1972<br>01/06/1979 | 31/03/2000<br>31/03/2000<br>31/03/2000<br>31/03/2000 | 23°05'12" | 79°57'06" |      |
| 7.                    | Jobat       | Jhubua      | HQ          | 792                 | Hathni                               | GD   | 21/06/2000<br>09/08/2001                             | 01/04/2006<br>01/04/2006                             | 22°16'50" | 74°35'10" |      |
| 8.                    | Manegaon    | Hoshangabad | HQ/FF       | 6018                | Tawa                                 | GD   | 29/11/1976<br>12/03/1977                             | 19/09/1991<br>19/09/1991                             | 22°38'30" | 77°58'00" |      |
| 9.                    | Rajghat     | Barwani     | HQ/FF       | 77674               | Narmada                              | GDSQ | 19/11/1971<br>17/01/1972<br>23/06/1972<br>15/06/1979 | 01/07/2007<br>01/07/2007<br>01/07/2007<br>01/07/2007 | 22°04'32" | 74°51'15" |      |
| 10.                   | Tikola      | Jhubua      | HQ          | 1339                | Hathni                               | GDQ  | 01/09/1984<br>24/07/1985<br>15/09/1986               | 31/03/1993<br>31/03/1993<br>31/03/1993               | 22°07'21" | 74°30'00" |      |

**TEESTA AND  
BHAGIRATHI DAMODAR  
ORGANISATION,  
KOLKATA**

| <b>Region</b>        |                           |                 |                        |                                | <b>Teesta &amp; Bhagirathi Damodar Basin Organisation, Kolkata</b> |             |                                        |                                        |                 |                  |             |
|----------------------|---------------------------|-----------------|------------------------|--------------------------------|--------------------------------------------------------------------|-------------|----------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>        |                           |                 |                        |                                | <b>Investigation Circle Gangtok, Sikkim</b>                        |             |                                        |                                        |                 |                  |             |
| <b>Division</b>      |                           |                 |                        |                                | <b>Sikkim Investigation Division Gangtok, Sikkim</b>               |             |                                        |                                        |                 |                  |             |
| <b>State: Sikkim</b> |                           |                 |                        |                                | <b>River Basin : Ganga – Brahmaputra – Meghna</b>                  |             |                                        |                                        |                 |                  |             |
| <b>S. No.</b>        | <b>Site Name</b>          | <b>District</b> | <b>HO/FF/<br/>HOIW</b> | <b>Catchment Area<br/>SqKm</b> | <b>River Name/<br/>Tributary/<br/>Sub-Tributary</b>                | <b>Type</b> | <b>Date of Start</b>                   | <b>Date of<br/>Closed</b>              | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                   | Chujachen<br>(Rangpo Chu) | East Sikkim     | HOIW                   | 213.8703                       | Rangpo-Chu/Teesta                                                  | GQ          | 18/11/2016<br>01/08/2019               | 31/03/2020                             | 27°14'33"       | 88°42'47"        |             |
| 2.                   | Chujachen<br>(Rongli Chu) | East Sikkim     | HOIW                   | 84.3937                        | Rongli-Chu/Rongo-<br>Chu/<br>Teesta                                | GQ          | 18/11/2016<br>01/08/2019               | 31/03/2020                             | 27°12'26"       | 88°43'08"        |             |
| 3.                   | Rimbi                     | West Sikkim     | HOIW                   | 126                            | Teesta/Rangit/<br>Rimbichu                                         | GDS         | 17/07/2004<br>17/07/2004<br>23/07/2004 | 01/09/2009<br>01/09/2009               | 27°18'46"       | 88°11'10"        |             |
| 4.                   | Kalez Khola               | West Sikkim     | HOIW                   | 197                            | Teesta/Rangit/<br>Kalez Khola                                      | GDS         | 01/07/2004<br>15/07/2004<br>16/07/2007 | 01/09/2009<br>01/09/2009<br>01/09/2009 | 27°16'16"       | 88°14'20"        |             |
| 5.                   | Kalikhola<br>(Dam Site)   | West Sikkim     | HOIW                   | 36                             | Taramchu/Lachen<br>u/ Teesta                                       | GDQ         | 08/10/2013<br>08/10/2013<br>01/08/2019 | 31/03/2020                             | 27°11'24"       | 88°04'35"        |             |
| 6.                   | Rangit Nagar              | West Sikkim     | HOIW                   | 927.81                         | Rangit/Teesta                                                      | GDQ         | 20/10/2016<br>29/04/2020<br>01/08/2019 | 31/03/2020                             | 27°18'00"       | 88°18'27"        |             |
| 7.                   | Rathey Chu                | North Sikkim    | HOIW                   | 44.002                         | RatheyChu/Dikchu/<br>Teesta                                        | GQ          | 17/07/2017<br>01/08/2019               | 31/03/2020                             | 27°33'20"       | 88°48'21"        |             |

| S. No. | Site Name         | District     | HO/FF/<br>HOIW | Catchment Area<br>SqKm | River Name/<br>Tributary/<br>Sub-Tributary | Type | Date of Start                          | Date of<br>Closed                      | Latitude  | Longitude  | Code |
|--------|-------------------|--------------|----------------|------------------------|--------------------------------------------|------|----------------------------------------|----------------------------------------|-----------|------------|------|
| 8.     | Reshi Khola       | West Sikkim  | HOIW           | 45                     | Teesta/Reshi/<br>Reshi Khola               | GD   | 01/08/2003<br>01/08/2003               | 01/09/2009<br>01/09/2009               | 27°13'23" | 88°18'29"  |      |
| 9.     | TRT<br>Chungthang | North Sikkim | HOIW           | 2010                   | Teesta/<br>Lachen Chu                      | GD   | 29/09/1998<br>01/06/2000               | 31/05/2004<br>31/05/2004               | 27°35'44" | 88°38'35"  |      |
| 10.    | Lema              | North Sikkim | HOIW           | 728                    | Teesta/<br>Lachung chu                     | GD   | 08/02/2000<br>08/02/2000               | 31/05/2004<br>31/05/2004               | 27°39'15" | 88°43'45"  |      |
| 11.    | Dikchu            | North Sikkim | HOIW           | 4009.50                | Teesta                                     | GDS  | 01/01/1990<br>01/01/1990<br>01/04/1993 | 31/05/2004<br>31/05/2004<br>31/05/2004 | 27°22'15" | 88°31'00"  |      |
| 12.    | Sirwani           | East Sikkim  | HOIW           | 4510                   | Teesta River                               | GDS  | 12/03/1984<br>19/03/1984<br>01/01/1986 | 31/05/2004<br>31/05/2004<br>31/05/2004 | 27°12'03" | 88°29'55"  |      |
| 13.    | Rongni chu        | East Sikkim  | HOIW           | 475.54                 | Teesta/<br>Rongni chu                      | GD   | 11/08/1994<br>11/08/1994               | 31/05/2004<br>31/05/2004               | 27°11'31" | 88°30'05"  |      |
| 14.    | Rorathang         | East Sikkim  | HOIW           | 310                    | Rongpochu/Teesta                           | GQ   | 13/10/2013<br>01/08/2019               | 31/03/2020                             | 27°11'42" | 88° 36'30" |      |
| 15.    | Taramchu          | North Sikkim | HOIW           | 57                     | Taramchu/Lachenchu /<br>Teesta             | GDQ  | 01/10/2013<br>01/10/2013<br>01/08/2019 | 31/03/2020                             | 27°42'17" | 88° 34'28" |      |
| 16.    | Tarkhola          | South Sikkim | HOIW           | 5247                   | Teesta River                               | GD   | 01/07/1994<br>13/02/1995               | 31/05/2004<br>31/05/2004               | 27°05'20" | 88°30'32"  |      |

| <b>Region</b>             |                  |                 |                        |                                | <b>Teesta &amp; Bhagirathi Damodar Basin Organisation, Kolkata</b> |             |                                        |                           |                 |                  |             |
|---------------------------|------------------|-----------------|------------------------|--------------------------------|--------------------------------------------------------------------|-------------|----------------------------------------|---------------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                  |                 |                        |                                | <b>Investigation Circle Gangtok, Sikkim</b>                        |             |                                        |                           |                 |                  |             |
| <b>Division</b>           |                  |                 |                        |                                | <b>Lower Brahmaputra Division, Jalpaiguri</b>                      |             |                                        |                           |                 |                  |             |
| <b>State: Assam</b>       |                  |                 |                        |                                | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |             |                                        |                           |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b> | <b>District</b> | <b>HO/FF/<br/>HOIW</b> | <b>Catchment<br/>Area SqKm</b> | <b>River Name/<br/>Tributary/<br/>Sub-Tributary</b>                | <b>Type</b> | <b>Date of start</b>                   | <b>Date of<br/>Closed</b> | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Bijni            | Bangaigoan      | HO                     | 120                            | Brahmaputra/<br>Dulani                                             | G           | 03/05/1988                             | 2006                      | 26°29'01"       | 90°39'36'        |             |
| 2.                        | Mathanguri       | Barpeta         | HO                     | 2500                           | Brahmaputra/<br>Manas                                              | G           | 05/01/1971                             | 2008                      | 26°46'49"       | 90°57'42'        |             |
| 3.                        | Saralpara        | Kokrajhar       | HO                     | 125                            | Brahmaputra/<br>Gaurang                                            | G           | 18/05/1994                             | 2006                      | 26°23'48"       | 90°15'33'        |             |
| <b>State: West Bengal</b> |                  |                 |                        |                                | <b>River Basin: Ganga – Brahmaputra – Meghna</b>                   |             |                                        |                           |                 |                  |             |
| 1.                        | Lish             | Jalpaiguri      | HO                     | 153                            | Brahmaputra/<br>Teesta/Lish                                        | G           | 22/07/1969                             | 2003                      | 26°53'10"       | 88°35'30'        |             |
| 2.                        | Dudua            | Jalpaiguri      | FF                     | 750                            | Brahmaputra/<br>Jaldhaka/<br>Dudua                                 | G           | 15/05/2003                             | 2006                      | 26°32'45"       | 89°06'44'        |             |
| 3.                        | Mujnai           | Jalpaiguri      | FF                     | 450                            | Brahmaputra/<br>Jaldhaka/<br>Mujnai                                | G           | 15/05/2003                             | 15/10/2006                | 26°31'13"       | 88°10'13'        |             |
| 4.                        | Singlabazar      | Darjeeling      | FF                     | 1397                           | Great Rangit                                                       | GQ          | 11/12/1969<br>01/05/2019               | 01/08/2019<br>01/08/2019  | 27°07'50"       | 88°16'43"        |             |
| 5.                        | Teesta Bazar     | Kalimpong       | FF                     | 7714                           | Teesta                                                             | GDQ         | 01/05/1969<br>01/08/1972<br>01/07/2003 | 01/08/2019<br>01/08/2019  | 27°03'17"       | 88°25'31"        |             |
| <b>State: Sikkim</b>      |                  |                 |                        |                                | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |             |                                        |                           |                 |                  |             |
| 1.                        | Sankalan         | North<br>Sikkim | FF                     | 4200                           | Teesta                                                             | GQ          | 12/10/1972<br>01/05/2019               | 01/08/2019<br>01/08/2019  | 27°30'30"       | 88°31'30"        |             |

| <b>Region</b>             |           |          |                |                        | <b>Teesta &amp; Bhagirathi Damodar Basin Organisation, Kolkata</b> |      |                                        |                                        |           |           |         |
|---------------------------|-----------|----------|----------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|----------------------------------------|-----------|-----------|---------|
| <b>Circle</b>             |           |          |                |                        | <b>Hydrology Observation Circle, Maithon</b>                       |      |                                        |                                        |           |           |         |
| <b>Division</b>           |           |          |                |                        | <b>Damodar Division, Asansol</b>                                   |      |                                        |                                        |           |           |         |
| <b>State: Jharkhand</b>   |           |          |                |                        | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |      |                                        |                                        |           |           |         |
| S. No.                    | Site Name | District | HO/FF/<br>HOIW | Catchment<br>Area SqKm | River Name/<br>Tributary/<br>Sub-Tributary                         | Type | Date of Start                          | Date of<br>Closed                      | Latitude  | Longitude | Code    |
| 1                         | Bhowrah   | Dhanwad  | HO             | 8070                   | Hooghly/ Damodar                                                   | GD   | 25/04/1983<br>15/06/1988               | 06/04/2004<br>06/04/2004               | 23°38'00" | 85°25'00" | GHB00P7 |
| <b>State: West Bengal</b> |           |          |                |                        | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |      |                                        |                                        |           |           |         |
| 1.                        | Bhimgarh  | Birbhum  | HO             | 3426                   | Bhagirathi/<br>Ajoy                                                | G    | 10/08/1980                             | 15/06/2004                             | 24°19'00" | 87°14'00" | GBC00J3 |
| 2.                        | Chmadanga | Burdwan  | HO             |                        | Hooghly/ Damodar<br>(Kana-Damodar)                                 | GDS  | 26/07/1987<br>26/07/1987<br>26/07/1987 | 15/10/2004<br>15/10/2004<br>15/10/2004 | 22°47'30" | 87°57'45" | GHB00C4 |

| <b>Region</b>             |                                   |                 |                        |                                | <b>Teesta &amp; Bhagirathi Damodar Basin Organisation, Kolkata</b> |             |                          |                           |                 |                  |             |
|---------------------------|-----------------------------------|-----------------|------------------------|--------------------------------|--------------------------------------------------------------------|-------------|--------------------------|---------------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                                   |                 |                        |                                | <b>Hydrology Observation Circle, Maithon</b>                       |             |                          |                           |                 |                  |             |
| <b>Division</b>           |                                   |                 |                        |                                | <b>Lower Ganga Division 3, Berhampur</b>                           |             |                          |                           |                 |                  |             |
| <b>State: West Bengal</b> |                                   |                 |                        |                                | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |             |                          |                           |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b>                  | <b>District</b> | <b>HO/FF/<br/>HOIW</b> | <b>Catchment<br/>Area SqKm</b> | <b>River Name/<br/>Tributary/<br/>Sub-Tributary</b>                | <b>Type</b> | <b>Date of<br/>Start</b> | <b>Date of<br/>Closed</b> | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Akhiriganj                        | Murshidabad     | HO                     | 954190                         | Padma                                                              | G           | 01/09/1968               | 31/05/2002                | 24°27'34"       | 88°12'54"        | GP000H2     |
| 2.                        | Dhuliyan<br>(Lear<br>period site) | Murshidabad     | HO                     | 952938                         | Ganga                                                              | GD          | 01/01/1956<br>06/12/1976 | 15/10/2004<br>15/10/2004  | 24°52'40"       | 87°56'20"        | GG000A3     |
| 3.                        | Jangipur                          | Murshidabad     | HO                     | 249                            | Bhagirathi                                                         | G           | 16/06/1985               | 16/10/2005                | 24°28'03"       | 88°04'03"        | GB000Z9     |
| 4.                        | Kahala                            | Murshidabad     | HO                     | 953671                         | Padma                                                              | G           | 01/01/1963               | 31/05/2002                | 24°27'34"       | 88°12'54"        | GP000Q7     |
| <b>State: Jharkhand</b>   |                                   |                 |                        |                                | <b>River Basin: Ganga – Brahmaputra - Meghna</b>                   |             |                          |                           |                 |                  |             |
| 1.                        | Maharajpur                        | Sahib-Ganj      | HO                     | 947170                         | Ganga                                                              | G           | 01/08/1956               | 15/10/2004                | 25°12'53"       | 87°45'53"        | GG000B5     |

# **UPPER GANGA BASIN ORGANISATION, LUCKNOW**

| <b>Region</b>               |                  |                 |                    |                            | <b>Upper Ganga BasinOrganisation, Lucknow</b>    |             |                                        |                                        |                 |                  |             |
|-----------------------------|------------------|-----------------|--------------------|----------------------------|--------------------------------------------------|-------------|----------------------------------------|----------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>               |                  |                 |                    |                            | <b>Hydrological Observation Circle, Varanasi</b> |             |                                        |                                        |                 |                  |             |
| <b>Division</b>             |                  |                 |                    |                            | <b>Middle Ganga Division-I, Lucknow</b>          |             |                                        |                                        |                 |                  |             |
| <b>State: Uttar Pradesh</b> |                  |                 |                    |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                                        |                                        |                 |                  |             |
| <b>S. No.</b>               | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b>                   | <b>Date of Closed</b>                  | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                          | Bhatparani       | Deoria          | HO                 | 2255                       | Ganga<br>Little Gandak                           | GDQ         | 22/04/1959<br>22/04/1959<br>22/04/1959 | 15/06/2006<br>15/06/2006<br>15/06/2006 | 26°19'00"       | 84°00'00"        | GGU20J3     |

| <b>Region</b>               |                  |                 |                    |                            | <b>Upper Ganga Basin Organisation, Lucknow</b>   |             |                                                      |                                                      |                 |                  |             |
|-----------------------------|------------------|-----------------|--------------------|----------------------------|--------------------------------------------------|-------------|------------------------------------------------------|------------------------------------------------------|-----------------|------------------|-------------|
| <b>Circle</b>               |                  |                 |                    |                            | <b>Hydrological Observation Circle, Dehradun</b> |             |                                                      |                                                      |                 |                  |             |
| <b>Division</b>             |                  |                 |                    |                            | <b>Middle Ganga Division-II, Lucknow</b>         |             |                                                      |                                                      |                 |                  |             |
| <b>State: Uttar Pradesh</b> |                  |                 |                    |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                                                      |                                                      |                 |                  |             |
| <b>S. No.</b>               | <b>Site Name</b> | <b>District</b> | <b>HO/FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b>                                 | <b>Date of Closed</b>                                | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                          | Dhaneta          | Bareilly        | HO                 | 2447                       | Ganga/Bhakra                                     | GD          | 18/12/1970<br>18/12/1970                             | 16/04/2006<br>16/04/2006                             | 28°30'00"       | 79°16'00"        | GGI00N1     |
| 2.                          | Husepur          | Hardoi          | HO                 | 6155                       | Ganga/Deoha                                      | GDS<br>Q    | 22/05/1959<br>22/05/1959<br>27/10/1961<br>15/03/1961 | 01/09/2006<br>01/09/2006<br>01/09/2006<br>01/09/2006 | 27°16'00"       | 79°57'00"        | GGH41D8     |
| 3.                          | Jahangirabad     | Sitapur         | HO                 | 975                        | Ganga/Sharda                                     | GD          | 30/07/1976<br>30/07/1976                             | 25/07/2006<br>25/07/2006                             | 27°31'00"       | 81°06'00"        | GGF20F7     |
| <b>State: Uttrakhand</b>    |                  |                 |                    |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                                                      |                                                      |                 |                  |             |
| 1.                          | Ramnagar         | Naintal         | HO                 | 1675                       | Ganga/<br>Ramganga/<br>Kosi                      | GD          | 12/11/1976<br>12/11/1976                             | 15/06/2006<br>15/06/2006                             | 29°23'30"       | 79°07'45"        | GGH60M1     |

| <b>Region</b>             |                  |                 |                   |                            | <b>Upper Ganga Basin Organization, Lucknow</b>   |             |                          |                          |                 |                  |             |
|---------------------------|------------------|-----------------|-------------------|----------------------------|--------------------------------------------------|-------------|--------------------------|--------------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                  |                 |                   |                            | <b>Hydrological Observation Circle, Haridwar</b> |             |                          |                          |                 |                  |             |
| <b>Division</b>           |                  |                 |                   |                            | <b>Himalayan Ganga Division, Haridwar</b>        |             |                          |                          |                 |                  |             |
| <b>State: Uttarakhand</b> |                  |                 |                   |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                          |                          |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b> | <b>District</b> | <b>HO/FF/HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b>     | <b>Date of Closed</b>    | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Dabrani          | Uttarakshi      | HO                | 3450                       | Ganga                                            | GD          | 07/08/2003<br>07/08/2003 | 31/12/2009<br>31/12/2009 | 30°58'40"       | 78°41'17"        |             |
| 2.                        | Satyanarayan     | Dehradun        | HO                | 600                        | Ganga                                            | GD          | 18/12/1970<br>18/12/1970 | 20/07/2005<br>20/07/2005 | 30°03'30"       | 78°14'00"        |             |
| 3.                        | Tharali          | Chamoli         | HO                | 1296                       | Pinder                                           | GD          | 01/06/1971               | 31/05/2005               | 30°05'00"       | 79°30'30"        |             |

# **YAMUNA BASIN ORGANISATION, NEW DELHI**

| <b>Region</b>             |                  |                 |                     |                            | <b>Yamuna Basin Organization, New Delhi</b>      |             |                      |                       |                 |                  |             |
|---------------------------|------------------|-----------------|---------------------|----------------------------|--------------------------------------------------|-------------|----------------------|-----------------------|-----------------|------------------|-------------|
| <b>Circle</b>             |                  |                 |                     |                            | <b>Hydrological Observation Circle, Noida</b>    |             |                      |                       |                 |                  |             |
| <b>Division</b>           |                  |                 |                     |                            | <b>Upper Yamuna Division, New Delhi</b>          |             |                      |                       |                 |                  |             |
| <b>State: Uttarakhand</b> |                  |                 |                     |                            | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |             |                      |                       |                 |                  |             |
| <b>S. No.</b>             | <b>Site Name</b> | <b>District</b> | <b>HO/ FF/ HOIW</b> | <b>Catchment Area SqKm</b> | <b>River Name/ Tributary/ Sub-Tributary</b>      | <b>Type</b> | <b>Date of Start</b> | <b>Date of Closed</b> | <b>Latitude</b> | <b>Longitude</b> | <b>Code</b> |
| 1.                        | Bausan           | Dehradun        | HO                  | 2075                       | Yamuna                                           | GD          | 01/10/1981           | 01/06/2016            | 30° 30' 49"     | 77° 55' 42"      |             |

| Region                       |           |                |             |                     | Yamuna Basin, New Delhi                          |      |                                        |                                        |           |           |      |
|------------------------------|-----------|----------------|-------------|---------------------|--------------------------------------------------|------|----------------------------------------|----------------------------------------|-----------|-----------|------|
| Circle                       |           |                |             |                     | Hydrological Observation Circle, Noida           |      |                                        |                                        |           |           |      |
| Division                     |           |                |             |                     | Chambal Division, Jaipur                         |      |                                        |                                        |           |           |      |
| S. No.                       | Site Name | District       | HO/FF/ HOIW | Catchment Area SqKm | River Name/ Tributary/ Sub-Tributary             | Type | Date of Start                          | Date of Closed                         | Latitude  | Longitude | Code |
| <b>State: Rajasthan</b>      |           |                |             |                     | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |      |                                        |                                        |           |           |      |
| 1.                           | Nimoda    | Sawaimad hopur | HO          | 6035                | Ganga /Yamuna Chambal /Banas/ Morel              | GD   | 03/02/1971<br>03/02/1971               | 01/10/2004<br>01/10/2004               | 26°17'00" | 76°35'00" |      |
| 2.                           | Nonera    | Baran          | HO          | -                   | Kalisindh                                        | G    | 04/10/2014                             | 23/02/2018                             | 26°00'36" | 76°00'36" |      |
| 3.                           | Pipli     | Udaipur        | HO          | 1570                | Ganga/ Yamuna Chambal/ Banas                     | GD   | 21/01/1976<br>21/01/1976               | 30/11/1992<br>30/11/1992               | 25°01'00" | 73°57'00" |      |
| <b>State: Madhya Pradesh</b> |           |                |             |                     | <b>River Basin: Ganga – Brahmaputra - Meghna</b> |      |                                        |                                        |           |           |      |
| 1.                           | Shyampur  | Rajgarh        | HO          | 2540                | Ganga /Yamuna Chambal/ Parwati                   | GDQ  | 15/11/1976<br>15/11/1976<br>01/01/1986 | 01/10/2004<br>01/10/2004<br>01/10/2004 | 23°29'00" | 77°04'00" |      |

## NOTES



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