

# Government of India <u>Ministry of Water Resources</u>

# HYDRO-METEOROLOGICAL DATA DISSEMINATION POLICY, 2018





### Government of India Ministry of Water Resources

#### HYDRO-METEOROLOGICAL DATA DISSEMINATION POLICY, 2018

#### 1. Introduction

Substantial public investment goes into collection of data. There are huge benefits, presently untapped, of making data available to the society. It is the view of the Ministry that non-sensitive data collected through use of public funds should be made available for legitimate use, better decision making and meeting society's needs. The Government of India has formulated a National Data Sharing and Accessibility Policy (NDSAP, 2012) with the objective of Government engaging citizens in governance and placing of non-strategic data in public domain. The provisions of RTI Act 2005 empower the citizens to get access to information under the control of public authority for transparency and accountability in working of every public authority. The objective of the NDSAP policy is to facilitate the access to Government of India owned shareable data and information in both human readable and machine readable forms through a nation-wide network. This will help greater accessibility and use of public data and information in a proactive and periodically updatable manner, within the framework of Acts, Rules and policies of Government of India.

Central Water Commission (CWC), in association with India Space Research Organization, has set up a web enabled Water Resources Information System in the Country (India-WRIS). The India-WRIS is a 'Single Window' solution for comprehensive, authoritative and consistent information and data of India's water resources along with allied natural resources in a standardized national GIS framework. It has tools to search, access, visualize, understand and analyze the data for assessment, monitoring, planning, development and Integrated Water Resources Management (IWRM).

Similarly, Central Ground Water Board (CGWB) has established Ground Water Information System providing access to various thematic layers. It is a nationwide database on ground water level and water quality monitoring carried out by CGWB.

In supersession of all previous guidelines/orders, Ministry of Water Resources, River development & Ganga Rejuvenation (MoWR,RD&GR), Government of India hereby formulates this Hydro-meteorological Data Dissemination Policy, 2018 for implementation by CWC & CGWB.

#### 2. Hydro-meteorological Data Available

#### 2.1 Data collected by CWC

- 2.1.1 Following hydrological data related to surface water are collected at CWC Hydrological Observation (HO) sites:
  - (i) River water level (Gauge, G),
  - (ii) River discharge (Discharge, D),
  - (iii) Sediment flow (Silt, S); and
  - (iv) Water quality (Quality, Q)
- 2.1.2 Besides hydrological observation, CWC also observes on some selected sites, selected

meteorological parameters such as rainfall, maximum-minimum temperature, humidity, pan-evaporation, solar radiation and wind velocity on some specific sites.

- 2.1.3 The general frequency of hydro-meteorological data collection is;
  - Gauge Water level (Non Monsoon) - Daily at 08:00, 13:00 &18:00 hrs. Gauge Water level (Monsoon) (ii)
  - Hourly (iii) Discharge - Daily (iv) Sediment
  - Daily (V) Water Quality - Ten-daily/ Monthly
  - (vi) X-Sections of the rivers - Pre-monsoon and Post-monsoon (vii)
    - Meteorological data - Daily/hourly
- 2.1.4 Thus, the hydro-meteorological information available with CWC is;
  - (i) Daily discharge values (including velocity, manning's 'n' values, rating curve, etc.) both observed & interpolated/extrapolated and any analysis or derivation of the values like yearly/ monthly/ ten-daily flows etc.
  - (ii) Gauge values/water levels observed at uniform time interval or non-uniform time interval.
  - (iii) Suspended/bed sediment flow values including fine, medium and coarse sediment, both observed & interpolated/extrapolated. Any analysis or derivation of the values like yearly/ monthly/ten-daily flows etc.
  - (iv) Water quality parameters observed at site or analyzed in the laboratories.
  - (v) Cross-sections, longitudinal sections, other topographical information and river morphology related data.
  - (vi) Reservoir water levels and live storage position
  - (vii) Meteorological data such as rainfall, maximum-minimum temperature, humidity, panevaporation, solar radiation, wind velocity.

#### 2.2 Data collected by CGWB

- 2.2.1 Following data related to ground water is collected at CGWB Observation Wells (OW):
  - (i) Water level
  - (ii) Water quality
- 2.2.2 The general frequency of groundwater data collection is;
  - (i) Water level - Four times in a year in the months of January, April/ May, August & November
  - (ii) Water quality - Once in the year in the month of April/May
- 2.2.3 In addition, CGWB also assesses replenishable ground water resources and groundwater draft in ground water assessment units (i.e. blocks, mandals, talukas etc) estimating thereby stage of groundwater development. CGWB categorizes assessment units as 'safe', 'semi-critical', 'critical', 'over-exploited' and 'saline' units.

#### 3. Classification of Hydro-meteorological Data

- From the point of view of data dissemination, the country can be divided into following 3.1 three regions;
  - (i) Region-I: Indus basin & other rivers and their tributaries discharging into Pakistan;
  - (ii) Region-II: Ganga-Brahmaputra-Meghna basin & other rivers and their tributaries discharging into Bangladesh/Myanmar; and
  - (iii) Region-III: Remaining other rivers and their tributaries.
- The data of Region-I and II is classified except data mentioned under Para 3.3 whereas the 3.2 data of Region-III is unclassified.
- The reservoir water level, live storage position, water quality, groundwater and 3.3 meteorological data for all regions are unclassified. Similarly, all metadata (information about data, sites, OWs, etc.) for all CWC HQ sites and CGWB OWs including yearly average data and historical important data (such as highest flood level, yearly flood peak, etc.) are also unclassified for all regions.

#### 4. Data User Categories

- For the purpose of hydro-meteorological data dissemination, users may be grouped in 4.1 following categories:
  - Indian Users Agencies / entities owned fully by Indian citizens. These may be further (i) categorized into commercial and non-commercial organizations, as under;
  - Indian Commercial Users -
- (i) Private
- (ii) Public Sector Companies
- (iii) Consultants including Non-Governmental Organizations /Educational/Research Institutes undertaking consultancies / studies / works for fees, and
- (b)
- Indian Non-commercial Users (i) Central Government Departments/organizations
  - (ii) State Government Departments/organizations
  - non-governmental companies/ (iii)Non-profit Institutes organizations/Educational/Research academic/ professional research/ studies purposes.

Note: As individuals may use hydro-meteorological data for commercial purposes, they are treated as commercial users. Students / Researchers, etc., should obtain the necessary data through their Institutes / Universities.

Foreign Users - Agencies / entities owned partially or fully by foreign citizens including (ii) individuals employed by such agencies/entities.

#### 5. Custodian of hydro-meteorological data

The concerned CWC Chief Engineers, as described in Annex-I, shall be the custodian of 5.1 hydro-meteorological data of river basins collected by CWC. Similarly, concerned CGWB Regional Directors, as described in Annex-II, shall be the custodian of groundwater data.

# 6. Procedure for release of unclassified Hydro-meteorological data & pricing

- 6.1 All unclassified data (after validation and to the extent published in Water Year Book, Water Quality Year Book, Water Sediment Year Book, Ground Water Year Book) shall be hosted on IndiaWRIS website, which can be downloaded by any web-registered user free of cost.
- 6.2 The unclassified data not available on the website can be obtained free of cost from the concerned Chief Engineer of CWC or concerned Regional Director of CGWB after submission of request without any secrecy undertaking. However, costs towards printing, photocopying, digital media, etc., as payable for providing information under Right to Information Act, 2005 would be charged.
- 6.3 The use of data downloaded from IndiaWRIS or obtained from CWC/CGWB shall be duly acknowledged in the DPR/report/ publication. IndiaWRIS, CWC, CGWB or MoWR,RD&GR shall not be held responsible for any inference drawn based on these data.
- 6.4 All unclassified data may also be obtained as per Right To Information Act, 2005 as amended from time to time.

### 7. Procedure for release of classified data & pricing

- 7.1 Classified data will be released for specific purpose/ study only and will be non-transferable.
- 7.2 All users desirous to obtain classified data may send their request to concerned Chief Engineer of CWC (as described in Annex-I) in the prescribed format given at Annex-III along with a 'Secrecy Undertaking' (format given at the Annex-IV).
- 7.3 The concerned Chief Engineer of CWC would verify the authenticity of the user, the purpose of data request and the data reasonably required for that purpose / study and forward the requests with his/her recommendations (Annex-V), within thirty days of the receipt of such requests, to the Chief Engineer (Planning & Development), CWC.
- 7.4 The Chief Engineer (Planning & Development), CWC shall place all such requests along with the recommendations of concerned Chief Engineer of CWC, received in a month by 10<sup>th</sup> of the following month before a Classified Data Release Committee with the following composition;

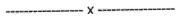
(i)	Chairman, CWC	Okai
(ii)	Member (RM), CWC	- Chairman
(iii)		- Member
_ ` /	Representative of Ministry of External Affairs	- Member
(iv)	Representative of the Intelligence Bureau	- Member
(v)		- Wember
	Representative of the Research & Analysis Wing	- Member
(vi)	Representative of Ministry of Defence	- Member
(vii)	Concerned Regional Chief Engineers of CWC (case to	
	case basis)	
(viii)	Concerned Commissioner (Indus/Ganga/B&B), MoWR	Monele
	(case to case basis)	- Member
	(1999 to dade basis)	

(ix)	Director General, National Water Development Agency	- Member
(x)	Chief Engineer (P&D), CWC	- Secretary

- 7.5 The Classified Data Release Committee shall decide on the requests for release of classified data by 20<sup>th</sup> of every month, which shall be communicated to the indenting user with copy to the concerned Chief Engineer, CWC by the Chief Engineer (P&D), CWC by the end of that month.
- 7.6 Indian non-commercial users would be supplied classified data free of cost. However, costs towards printing, photocopying, digital media, etc., as payable for providing information under Right to Information Act, 2005 would be charged.
- 7.7 Indian commercial and foreign users would be supplied the minimum classified data, considering the requirement of the user and recommendation by concerned Chief Engineers, on payment of Rs. 75000/- per site per annum. The year for calculation of data charges will be water year (from 1<sup>st</sup> June to 31<sup>st</sup> May of following year). The dissemination of data for part of any year shall also be charged at rate of Rs.75000/-.
- 7.8 On the basis of authorization from the Classified Data Release Committee, the concerned Chief Engineer of CWC would release the data to the indenting user after collection of due charges within 15 days of the receipt of such authorization and the payment.
- 7.9 The released classified data shall not be reproduced in any report/ publication/ Detailed Project Report (DPR), etc. Only result of analysis and inferences drawn thereof should be published. The contribution of CWC shall be duly acknowledged in the DPR/report/ publication.
- 7.10 CWC and/or MoWR shall not be held responsible for any inference drawn based on these data.
- 7.11 Hydro-meteorological data amongst implementing agencies of National Hydrology Project will be shared as mentioned in Appendix 1.
- 7.12 The Classified Data Release Committee shall submit its annual returns to the Ministry. The Ministry may conduct annual audit of the data released by the Classified Data Release Committee.

### 8. Review of Hydro-meteorological Data Dissemination Policy

8.1 The Minister of Water Resources, River development & Ganga Rejuvenation shall be the competent authority to review this Hydro-meteorological Data Dissemination Policy along with the extent of classified data and procedure for release.



#### Annex I

## LIST OF RIVER BASINS AND CONCERNED CHIEF ENGINEERS OF CWC

SI. No	Name of River Basin	Concerned Chief Engineer
1	Indus	The Chief Engineer (Indus Basin), Central Water Commission, Block- 4, 6 <sup>th</sup> Floor, Kendriya Sadan, Sector-9 A, Chandigarh-160017. Tel. No. 0172-2741766 Fax No. 0172-2742465
2	Upper Ganga (From origin till Buxar, Bihar)	The Chief Engineer (UGB), Central Water Commission, Jahanavi Sadan, 21/496, Indira Nagar, Lucknow -226016 Tel. No. 0522-2715832 Fax No. 0522-2715834
3	Lower Ganga (Downstream of Buxar, Bihar)	The Chief Engineer (LGB) Central Water Commission, 177-B, Srikrishna Puri, Patna-800001 Tel. No. 0612-2541087 Fax No. 0612-2541865
4	Yamuna	The Chief Engineer (YBO), Central Water Commission, Kalindi Bhavan, B-5, Tara Crescent Road, Qutab Institutional Area, New Delhi-16. Tel. No. 011-26526857 Fax No. 011-26526857
5	Brahmaputra, Meghna & Barak	The Chief Engineer (B&BBO), Central Water Commission, Rebeka Ville, Near Barik Point, Temple Road, Lower Lachumiere, Shillong (Meghalaya) Tel. No. 0364-2220568 Fax No. 0364-2220644
	Krishna and Godavari	The Chief Engineer (KGBO), Central Water Commission, H.No. 11-4-648,Krishna Godavari Bhavan, AC Guards, Hyderabad-500 004 (A.P.) Tel. No. 040-23201605 Fax No. 040-23308642

7	Cauvery & Southern Rivers	Chief Engineer, Cauvery & Southern Rivers Org., Central Water Commission, Sangamam Gandhimanagar, Peelamedu P.O., Coimbatore-641 004 Tel. No. 0422-2512242 Fax No. 0422-2512243
8	Mahanadi and Eastern Rivers	The Chief Engineer (M&ERO), Central Water Commission, A-13 & 14, Bhoi Nagar, Bhubaneswar-751 022. Tel. No. 0674-2545536 Fax No. 0674-2545537
9	Narmada (except in Gujarat)	The Chief Engineer, Narmada Basin, Central Water Commission, Block-3, Ground Floor, Paryawas Bhavan, Mother Teresa Marg, Arera Hills, Bhopal-462 011 Tel. No. 0755-2574513 Fax No. 0755-2550253
10	Narmada (Gujarat) & Tapi	The Chief Engineer, Narmada Tapi Basin Org. Central Water Commission, 101, Narmada Tapi Bhavan, 1st Floor, Sector-10 (A), Gandhi Nagar-382 010 Tel. No. 079-23245427 Fax No. 079-23246115
11	Teesta	The Chief Engineer, Teesta Basin, Central Water Commission, 2 <sup>nd</sup> Mile, Sevoke Road, Silliguri-734401 Tel. No. 0353-2543230 Fax No. 0353-2540262

#### Annex II

# LIST OF REGIONAL OFFICES OF CGWB & THEIR JURISDICTION

S. No.	Regional Offices of CGWB	Telephone Numbers	FAX	email Id	Jurisdiction
1	Regional Director , Central Ground Water Board North Western Region Bhujal Bhawan, Plot No.3-B, Sector 27A, Chandigarh – 160019	0172-5021960	2639500	rdnwr- cgwb@nic.in	Punjab, Haryana and UT of Chandigarh
2	Regional Director Central Ground Water Board Western Region 6-A, Jhalna Doongri Jaipur – 302 004 (Rajasthan)	0141-2706338	2706991	rdwr- cgwb@nic.in	Rajasthan
3	Regional Director Central Ground Water Board Northern Region Bhujal Bhavan, Sector-B Sitapur Road, Yojna, Ram Ram Bank Chauraha Lucknow - 226 021 (U.P.)	0522-2363812 0522-2360494 0522-2360498	2732478 - 2363820 2362276	rdnr- cgwb@nic.in	Uttar Pradesh
4	Regional Director Central Ground Water Board Middle East Region 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road, Dak Banglow, Patna—800011	0612-2205435 0612-2231785	2231020	rdmer- cgwb@nic.in	Bihar, Jharkhand
5	Regional Director Central Ground Water Board Eastern Region Bhujalika, C P Block-6 Sector-V, Salt Lake City, Kolkata - 700 091 (West Bengal)	033-23673081	23673080	rder- cgwb@nic.in	West Bengal, Sikkim and Andaman and Nicobar Islands
	Regional Director i/c Central Ground Water Board North Eastern Region C.G.W.B, NH-37, Betkuchi, (Opposite ISBT), Guwahati - 781035 (Assam)	0361-2271759 0361-2271760 0361-2271761		rdner- cgwb@nic.in	Assam, Arunachal Pradesh, Meghalaya, Manipur, Nagaland, Tripura, Mizoram

7	Regional Director i/c Central Ground Water Board West Central Region Swami Narain College Build. Shah Alam Tolnaka, Ahmedabad - 380022 (Gujarat)  Regional Director i/c	079-25320476	25329379	rdwcr- cgwb@nic.in	Gujarat and UT of Daman and Diu Madhya
8	Central Ground Water Board, North Central Region, Block –1, 4th Floor, Paryawas Bhawan, Area Hills, Jail Road Bhopal - 462011 (MP)	2557639		cgwb@nic.in	Pradesh
9	Regional Director Central Ground Water Board North Central Chhatisgarh Region Block A-1, 2nd Floor, Pujari Chambers, Pachpedi Naka, Raipur- 492001 (Chhattisgarh)	0771-2413903	2413689	rgi- cgwb@nic.in alokdube- cgwb@nic.in	Chhattisgarh
10	Regional Director Central Ground Water Board Central Region N.S. Building, Civil Lines, Opp. VCA Ground, Nagpur – 440001 (Maharashtra)	0712-2550646	2564390	rdcr- cgwb@nic.in	Maharashtra and UT of Dadra & Nagar Haveli
11	Regional Director Central Ground Water Board South Eastern Region Khandagiri Square NH-5 Bhubaneswar – 751001 (Odisha)	0674-2350342	2350332	rdser- cgwb@nic.in	Orissa
12	Regional Director i/c Central Ground Water Board Southern Region Plot No.117,Thatti Annaram Panchayat, GSI Post, Nagole, Bhujal Bhawan, Bandlaguda, Hyderabad – 500068	040-24222508	24222508	rdsr- cgwb@nic.in	Andhra Pradesh
13	Regional Director Central Ground Water Board Kerela Region, Kedaram Kesavadasapuram, Trivendrum - 695004 (Kerala)	0471-2442191	2555026 2442191	rdkr- cgwb@nic.in	Kerela and Lakhshadeep
14	Regional Director Central Ground Water Board South East Coastal Region, E-Wing,G-Block, Rajaji Bhavan, CGO Complex	044-24914334	24914334	rdsecr- cgwb@nic.in	Tamil Nadu and UT of Pondicherry

	Besant Nagar, Chennai - 600 090 (Tamil Nadu)				
15	Regional Director Central Ground Water Board North West Himalayan Region, 298-299, Sashtri Nagar, Jammu-180004 (J&K)	0191-2459757	2451626	rdnwhr- cgwb@nic.in	J&K
16	Regional Director Central Ground Water Board Uttranchal Region 419A, Kanwali Road, Balliwala, Near Urja Bhawan, Dehradun - 248 001 (Uttrakhand)	0135-2761675	2769525	rdur- cgwb@nic.in	Uttarakhand
17	Regional Director Central Ground Water Board South Western Region 07 <sup>th</sup> Cross, 27th Main, HSR Layout, Sector-1, Bangalore – 560 102 (Karnataka)	22586965	080- 22586940	rdswr- cgwb@nic.in	Karnataka and Goa
18	Regional Director I/c Central Ground Water Board North-Himalayan Region Dove Cottage, Ram Nagar, Dharamshala (Kangra)- 176215 (Himachal Pradesh)	01892-27160	223535	rdnhr- cgwb@nic.in	Himachal Pradesh
19	Suptg. Hydro-geologist & H.O.O., State Unit Office, Central Ground Water Board, Jam Nagar House, Man Singh Road, New Delhi 110011	011-23384355	23386743	aicnd- cgwb@nic.in	Delhi

### GENERAL HYDRO-METEOROLOGICAL DATA REQUEST FORM

1.	Name of the Indenting User		
2.	Address: Office		
3.	Address: Residence		
4	Category of User (see clause 4 for data user categories) (Supporting proof / document to be attached)		
5	Details of the CWC sit	tes for which data is requ	ired:
		of the CWC site (s)	Name of the river on which
			the site(s) is located
	[]		
l			
1			
6.	Type, frequency & pe	riod of data required:	
	Т	Eroguionou	Period of data required:
	Туре	Frequency	
	(a) Gauge	Hourly/3 times a day/da	ailv/ Non-Monsoonto
	(a) Gauge	10daily/monthly/yearly	Monsoontoto.
		average	1
		Historical	
		Maximum/Minimum	
	(I.) Diank sees		Non-Monsoon
	(b) Discharge	Daily/	to
1		10daily/monthly/yearly	Monsoon
1		average	1777
		Historical	to
		Maximum/Minimum	
	(-) Cill	Daily/	Non-Monsoon
1	(c) Silt	10daily/monthly/yearly	to
			Monsoon
		average	to
		Historical	1000
1	1	Maximum/Minimum	

	(d) Water Quality	Monthly/seasonal/ Yearly average	Non-Monsoon to Monsoon
	(e) Meteorological data	Daily/Hourly Historical Maximum/Minimum	to
	(f) Other data	River cross-section/ Manning "n"etc.	Non-Monsoon to Monsoon to
7.	Purpose for which dat	a is required	
8. (i)	( A Justification note	to be attached)	
	undertaken in house;	ly of hydrological data will be	Yes/ No
	deployed for the study	at SI. No. 8 (i) is No, then consultant deployed / to be	
	documents to be attach	clause 4; supporting proof /	
9.	Name, designation & authorized for collection	address of the person	
In case	e data is approved for a		

In case data is approved for release, I abide to provide "Undertaking" in the prescribed format duly signed by me before release of the data.

Signature of the Officer of the Rank of Chief Engineer/General Manager/Head of Department/ Managing Director or equivalent

Name in full with designation:	
Name of the Department:	
Address of the Office:	
Dated:	
	ALONG WITH OFFICE SEAL

#### SECRECY UNDERTAKING

I (Name in full with designation) do hereby undertake to abide by the following conditions in respect of the Hydro-meteorological Data supplied.				
1)	The Hydro-meteorological Data pertaining to			
	Commission, with reference to letter No			
2)	The data will not be supplied to any Governmental / Non Governmental or Public Sector Undertaking without the prior concurrence / fresh permission.  OR			
	I have already intimated to the Central Water Commission that we have engaged M/s  (Name of the consultant) a National/ an International consultant for carrying out the studies and data will be handed over to them for the purpose. I understand that I will be held responsible for passing the data to other agencies (Other than Consultants) even if it is passed by our consultants.			
3)	The data will not be published without the prior permission. The released classified data shall not be reproduced in any report/ publication/ Detailed Project Report (DPR), etc. Only result of analysis and inferences drawn thereof should be published. The contribution of CWC shall be duly acknowledged in the DPR/report/ publication.			
4)	The data shall be used for the specific purpose only for which the approval of the competent authority has been accorded.			
5)	Central Water Commission will not be held responsible for any inference drawn based on these data.			
6)	Subsequent to release of data, if we deploy any other National/ International consultants for carrying out studies referred in my data request form, I will take prior permission from Central Water Commission for transfer of data to them.			
7)	I understand that any breach of undertaking may invite civil liability.			
	Signature of the Officer of the Rank of Chief Engineer/General Manager/ Head of Department/Managing Director or equivalent			
	Name in full with designation:  Name of the Department:  Address of the Office:  Dated:  ALONG WITH OFFICE SEAL			

## RECOMMENDATION OF CONCERNED CHIEF ENGINEER OF CWC

	1.	Name of the Indenting User	
	2.	Address: Office	
	3.	Address: Residence	
	4.	Letter No. & date vide which request was	
	5.	made for release of data	
	Ű.	Category of User claimed (see clause 4 for data user categories)	
Ì	6,	Agreement with the claim about the category of	Yes / No
		user on the basis of proof/document submitted	Tes / No
	7.	If the answer to query at SI. No. 6 is No, then whether the indenting user has been informed within 15 days of the receipt of the request about requirement of additional proof / document and letter no. date of such letter.	
	8.	Extent of data requested for?	
	9.	Whether purpose for which data is required is justified?	
	10.	Whether the required data is available? If not the extent of data available and recommended for release.	
	11,	Payment to be collected before release of data along with calculation thereof	
	12.	Recommendation of the concerned Chief Engineer of CWC with signature, name and designation (office seal)	

#### **APPENDIX 1**

### SHARING OF HYDRO-METEOROLOGICAL DATA AMONGST IMPLEMENTING AGENCIES OF NATIONAL HYDROLOGY PROJECT

The Hydro-meteorological Data shall be shared amongst Implementing Agencies of National Hydrology Project as per details given below:

SN	Hydro-Met Data Policy 2013	Changes Proposed for IAs of NHP
1	Region I (Indus Basin & other	No Change Proposed.
	rivers and their tributaries	
	discharging into Pakistan)	
2.	Region 2 (Ganga-Brahmaputra - Meghna Basin & other rivers	Hydro-Meteorological data of river basin shall be shared freely among Ministry of Water
	and their tributaries	Resources, River Development and Ganga
	discharging into Bangladesh/	Rejuvenation* and co-basin State Government's
	Myanmar)	Ministry/Organization** dealing with water
	•	resources through secured login/protocol and one
		time secrecy statement.
		2. For all other cases, the Hydro-meteorological
		data shall be provided on demand in a manner
		and form to be decided by Classified Data
		Release Committee.
1		3. No States will release data to third party
		without explicit clearance from Classified Data
		Release Committee.
3.	Region 3 (remaining rivers and	No Change, Hydro-meteorological Data of river
	their Tributaries)	Basin shall be shared freely between all
		stakeholders.

- \* Ministry of Water Resources, River Development and Ganga Rejuvenation referred will include only attached and Subordinate Offices of the Ministry.
- \*\* Co- basin State Government's Ministry/Organization means only Implementing Agencies of National Hydrology Project as per list enclosed as Appendix-2.

### APPENDIX 2

# Name of States/ Central Implementing Agencies in NHP as per MoU

SL. No.	States/ Agencies	Department
1.	Assam	Water Resources Department, Government of Assam
2.	Andhra Pradesh	Ground Water and Water Audit Department
3.	Andhra Pradesh (SW	) Water Resources Department Covernment 6
4.	Bihar	Andria Fragesh
5.	Bihar	Water Resources Department, Government of Bih Minor Water Resources Department, Government
6.	011.00	of Billar
	Chhattisgarh	Water Resources Department, Government of Chhattisgarh
7. 8.	Goa	Water Resources Department, Government of Goa
	Gujarat	Water Resources Development Corporation and Narmada & Water Resources, Water Supply & Kalpsar Department
9.	Haryana	Irrigation & Water Resources Department, Government of Haryana
10.	Himachal Pradesh	Irrigation and Public Health Department, Government of Himachal Pradesh
11.	Jharkhand	Water Resources Department, Government of Jharkhand
12.	Karnataka (SW)	Water Resources Department, Government of Karnataka
13.	Kerala	Water Resources Department WRD, Government of Kerala
14.	Madhya Pradesh	Water Resources Department WRD, Government of Madhya Pradesh
15.	Maharashtra (GW)	Groundwater Surveys and Development Agency, Government of Maharashtra
16.	Maharashtra (SW)	Water Resources Department, Government of Maharashtra
17.	Manipur	Irrigation & Flood Control Department, Government of Manipur
18.	Meghalaya	Water Resources Department, Government of Meghalaya
19.	Mizoram	Minor Irrigation Department, Government of Mizoram

		La Caramant of
20	Odisha	Department of Water Resources, Government of Odisha
21.	Nagaland	Irrigation & Flood Control Department, Government of Nagaland
22.	Puducherry	Puducherry Water Resources Organization, Government of Puducherry
23.	Punjab	Department of Irrigation, Government of Punjab
24.	Rajasthan	Water Resources Department, Government of Rajasthan
25.	Sikkim	Water Resources & River Development Department, Government of Sikkim
26.	SOI	Survey of India (SOI), Department of Science & Technology (DST),
27.	Tamil Nadu	Public Works Department, (PWD) Government of Tamil Nadu
28.	Telangana (GW)	Ground Water Department, Government of Telangana
29.	Telangana (SW)	Irrigation & CAD Department, Government of Telangana
30.	Tripura	PWD (Water Resources), Government of Tripura
31,	Uttarakhand	Irrigation Department, Government of Uttarakhand
32.	Uttar Pradesh	Irrigation and Water Resources Department, Government of Uttar Pradesh
33.	Uttar Pradesh	Ground Water Department, Government of Uttar Pradesh
34.	West Bengal (GW)	Department of Water Resources Investigation & Development, Government of West Bengal
35.	West Bengal (SW)	Irrigation & Waterways Department, Government of West Bengal
36.	ВВМВ	Bhakra Beas Management Board, Ministry of Power, Government of India
37.	СРСВ	Central Pollution Control Board, Government of India
38.	DVC	Damodar Valley Corporation
39.	NIH	National Institute of Hydrology, Roorkee, Government of India
40.	NCT, Delhi	Irrigation & Flood Control Department, Government of NCT of Delhi
41.	NRSC	National Remote Sensing Centre, Indian Space Research Organization, Department of Space
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