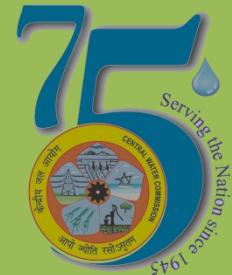




2021

# WATER AND RELATED STATISTICS

## जल एवं सम्बन्धित सांख्यिकी



भारत सरकार

GOVERNMENT OF INDIA

सूचना प्रणाली संगठन

INFORMATION SYSTEM ORGANISATION

केन्द्रीय जल आयोग

CENTRAL WATER COMMISSION

जल संसाधन, नदी विकास एवं गंगा संरक्षण विभाग

DEPARTMENT OF WATER RESOURCES, RD & GR

जल शक्ति मंत्रालय

MINISTRY OF JAL SHAKTI

## **Constitutional Background on Water**

The Constitution of India lays down the legislative and functional jurisdiction of the Union, State and local Governments regarding 'Water'. Under the scheme of the Constitution, 'Water' is basically a State subject and the Union comes in only in the case of inter-state river waters. List II of the Seventh Schedule, dealing with subjects regarding which states have jurisdiction, has the following as Entry 17:

'Water, that is to say, water supplies, irrigation and canals, drainage and embankments, water storage and water power subject to the provisions of Entry 56 of List I (Union list), reads as follows: 'Regulation and development of inter-state rivers and river valleys to the extent to which such regulation and development under the control of the Union, is declared by Parliament by law to be expedient in the public interest'.

The Constitution has a specific article (Article 262), dealing with adjudication of disputes relating to matters of inter-state rivers or river valleys, which reads as follows:

Article 262 (1): Parliament may by law provide for the adjudication on any dispute or complaint with respect to the use, distribution or control of the waters of, or in, any inter-state river or river valley.

(2): Notwithstanding anything in this Constitution, Parliament may by law provide that neither the Supreme Court nor any other Court shall exercise jurisdiction in respect of any such dispute or complaint as is referred to in clause (1).

The recent 1992 amendments to the Constitution regarding Panchayats and Municipalities introduced the following entries in the schedules listing the subject-areas in which the State Governments and legislatures may devolve functions to such bodies, so as to make them evolve as local self-governing institutions: In the Eighth Schedule (Part IX) dealing with Panchayats, the subjects, 'Minor irrigation, Water management and Watershed development', 'drinking water' and 'maintenance of community assets' are listed. In the Twelfth Schedule (Part IX A) dealing with municipalities, the subjects 'water supply of domestic, industrial and commercial purposes' is listed. Functional responsibilities are, thus, visualised for local Governments in respect of several aspects of water use.

The two laws enacted by the Union under Article 262 and Entry 56 of List I are the Inter-State Water Disputes Act, 1956 (as amended up to 1980) and the River Boards Act, 1956. In recent years since the Constitution does not have an entry relating to 'Environment', using the residual powers, the Union has enacted laws on environment and control of pollution, which have effect on water use including ground water and its exploitation. A large number of Acts dealing with irrigation, canals and their maintenance, water rates and cess, command area development and maintenance of tanks are in force in each state.



## जल एवं सम्बंधित सांख्यिकी-2021

### WATER AND RELATED STATISTICS-2021



**WATER RELATED STATISTICS DIRECTORATE  
INFORMATION SYSTEM ORGANISATION  
WATER PLANNING & PROJECTS WING  
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[cwc.gov.in](http://cwc.gov.in)**

अक्टूबर, 2021

OCTOBER, 2021

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Ministry of Jal Shakti  
Dept. of Water Resources,  
River Development and Ganga Rejuvenation,  
**Central Water Commission**

## FOREWORD



Central Water Commission is the premier Technical Organisation of India in the field of water resources and is presently functioning as an attached office of the Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, Government of India. The mandate of Central Water Commission is to promote integrated and sustainable development and management of India's water resources by using state-of-the-art technology, competency and by coordinating with all stakeholders.

In order to cater to the ever-growing needs of data on water resources and related aspects, CWC brings out various publications at regular intervals. The present publication 'Water and Related Statistics-2021' is a biennial publication that is intended to cater to the ever-growing detailed data requirements of water resources planners, managers, administrators and researchers in a comprehensive manner. The publication has also been uploaded at the website of Central Water Commission for all those concerned with balanced water resources development.

The Committee set up for the improvement of this publication under the Chairmanship of Shri Amrendra Kumar Singh, Chief Engineer (EMO), have done an excellent job in giving a final shape to the publication. The work of collection, compilation and finalization of data for the publication was accomplished by the officers/officials of Water Related Statistics Directorate of Information System Organisation (ISO), WP&P Wing of CWC. The officers and staff of the Directorate have done a brilliant job in giving the publication a presentable shape under the guidance of Shri S. C. Malik, Advisor (ISO).

I take this opportunity to congratulate all the stakeholders involved, specially the team of ISO for their painstakingly work in compiling such a large database. I hope, this publication would be of great interest and will meet the expectations of the readers.

*With thanks,*  
27/10/2021.  
(S. K. Haldar)

New Delhi  
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DEPARTMENT OF WATER RESOURCES,

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#### MESSAGE



Central Water Commission (CWC), an attached office of DoWR, RD & GR under Ministry of Jal Shakti is the lead nodal agency in the water resources sector with mandate for its integrated development.

In order to promote sustainable development of water sector, planners and developers require a sound data base on various aspects related to water eg. it's availability in time and space, status of the existing development, it's existing use in various sectors etc. CWC has been making continuous endeavor in this field and it has increased it's hydrological observation sites from 878 to 1543 in a short period of 5 years. In addition, 187 exclusive meteorological sites have been developed. Telemetry sites have also been increased to 972 so that more data is available online.

Further, CWC is monitoring various multipurpose/irrigation projects in the country and is instrumental in providing central assistance to various multipurpose/irrigation projects under various schemes of Government of India. In the process, huge relevant data related to water (including financial aspects of projects) is captured. Such data is systematically presented in various publications. In this series, "Water and Related Statistics" publication is also brought out biennially which contains statistics related to water resources potential, irrigation potential, dynamic ground water resources, physical/financial progress of PMKSY-AIBP projects, environmental performance, flood damages, land use, details of H.O. network of CWC, etc.

Data is an indispensable part of governance and such incorporation of updated water-related information in this publication would certainly contribute to improve the policy-making in the country. The Publication Improvement Committee under the Chairmanship of Shri Amrendra Kumar Singh, Chief Engineer (EMO), and the entire team of WRS Directorate of ISO under the leadership of Shri S. C. Malik, Advisor have put tremendous efforts to collect and collate enormous data from various Ministries/ Departments/ Organisations/ Directorates of Central and State Governments for compilation of this publication in time. Moreover, in the validation process, role of Project Monitoring Organisation, CWC is appreciable. I also take this opportunity to appreciate contributions of various other agencies/departments for data input.

Suggestions/comments, if any, for further improvement of the publication will be highly appreciated.

(Kushvinder Vohra)  
Member (WP&P), CWC

New Delhi  
October, 2021



केन्द्रीय जल आयोग  
जल संसाधन, नदी विकास  
और गंगा संरक्षण विभाग  
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## PREFACE



Water resource challenges faced by India are considerable and can only be addressed by adopting an integrated approach that considers all uses and sources of water (surface water, ground water, etc) from the river basin/hydrological perspective. This requires sound information and knowledge on the water resource base and its uses, coupled with the availability of appropriate tools for collection, compilation, analysis and decision making. Central Water Commission is the nodal agency in the water resources sector for promoting the integrated and sustainable development and management of India's water resources by using state-of-the-art technology and competency. To cater to the ever-growing needs of data on water resources and related aspects, ISO brings out various publications at regular intervals.

The present publication 'Water and Related Statistics-2021' is a biennial publication to cater to the growing needs of data on water resources and related aspects. The notable aspects of the data included in the publication inter-alia relate to water availability and requirement, irrigation development including Command Area Development & Water Management, land degradation, resource utilisation, hydrological data on rainfall and flood management. A number of graphs and charts have also been included in the publication reflecting the essence of information presented in different sections.

I would like to express my deep gratitude to Shri S.K. Haldar, Chairman, CWC and Shri. Kushvinder Vohra, Member (WP&P), CWC for their continuous support, guidance and encouragement to bring out this publication in time. I am also very much thankful to all the Committee members and the data source agencies mainly various Directorates of CWC and D/o Water Resources, RD & GR, M/o Jal Shakti; Central Ground Water Board; Central Electricity Authority; India Meteorological Department; Directorate of Economics & Statistics; Forest Survey of India and M/o Fisheries, Animal Husbandry and Dairying etc. for their cooperation and support.

The publication has been prepared through the combined efforts of the officers and officials of the Information System Organisation (ISO). The efforts made by Shri. Jawaid Alam Khan, Joint Director; Smt. Suchitra Yadav, Deputy Director; Shri. Ashwani Kumar, Senior Statistical Officer; Shri. Raj Kumar, Senior Statistical Officer and Shri. Raghuvir Singh, Junior Statistical Officer, are commendable.

I hope the publication will prove to be a useful document to the policymakers, planners, academicians and researchers. It shall be an endeavour on part of ISO to continuously improve the publication both in content and design with the help of users' feedback.

(Subash Chandra Malik)  
Advisor (ISO), CWC

New Delhi  
October, 2021

## **COMPOSITION OF THE COMMITTEE FOR IMPROVEMENT OF THE PUBLICATION**

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## **Acronyms and Abbreviations**

AIBP	Accelerated Irrigation Benefits Programme
BCM	Billion Cubic Metre
BCM/yr	Billion Cubic Metre per year
BP	Basin Planning
BPMO	Basin Planning & Management Organization
CA	Central Assistance
CAD	Command Area Development
CAD&WM	Command Area Development & Water Management
CCA	Culturable Command Area
CEA	Central Electricity Authority
CFC	Consumption of Fixed Capital
CGWB	Central Ground Water Board
CLA	Central Loan Assistance
cm	Centimetre
Cr	Crore
CUI	Coverage Under Irrigation
cum	Cubic Metre
cumecs	Cubic Metre Per Second
CWC	Central Water Commission
DRIP	Dam Rehabilitation and Improvement Project
EMO	Environment Management Organisation
ERM	Extension, Renovation and Modernization
Exl. Met	Exclusive Meteorological Sites
FMP	Flood Management Programme
GD	Gauge and Discharge Site
GDP	Gross Domestic Product
GDQ	Gauge, Discharge and Water Quality Site
GDS	Gauge, Discharge and Sediment Site
GDSQ	Gauge, Discharge, Sediment and Water Quality Site
GIA	Gross Irrigated Area
GQ	Gauge and Water Quality Site

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## **Acronyms and Abbreviations**

GW	Giga Watt
GWH	Giga Watt Hours
GWH	Giga Watt Hours
GW	Ground Water
Ha	Hectare
HDD	Hydrological Data Directorate
HEPR	Hydro Electric Potential Reassessment Division
HFL	Highest Flood Level
HKKP	Har Khet Ko Pani
HP	Horse Power
HQ	Head Quarter
IPC	Irrigation Potential Created
IPU	Irrigation Potential Utilised
ISBIG	Scheme for Bridging Irrigation Gap
ISO	Information System Organisation
IWDP	Integrated Watershed Development Project
IWRM	Integrated Water Resources Management
km	Kilometer
km <sup>2</sup>	Square Kilometer
km <sup>3</sup>	Cubic Kilometer
KSINC	Kerala Shipping & Inland Navigation Corporation
KW	Kilo Watt
KWH	Kilo Watt Hours
LAG	Liquified Ammonia Gas
Lakh Ha	Lakh Hectare
LPCD	Litre per Capita per day
LTIF	Long Term Irrigation Fund
MCM	Million Cubic Metre
MCM/yr	Million Cubic Metre per year
Mha	Million Hectare
mm	Millimetre

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## **Acronyms and Abbreviations**

NABARD	National Bank for Agriculture and Rural Development
NCIWRD	National Commission on Integrated Water Resources Development
NDP	Net Domestic Product
NIA	Net Irrigated Area
NP	National Project
NRDWP	National Rural Drinking Water Programme
NRMD	Natural Resource Management Directorate
NRSC	National Remote Sensing Centre
NSA	Net Sown Area
NWP	National Water Policy
NWRC	National Water Resources Council
PL	Pond Level
PMKSY	Pradhan Mantri Krishi Sinchayee Yojana
PMO	Project Monitoring Organisation
P&P	Planning & Progress
RDC	River Data Compilation
RG	Registrar General of India
RRR	Repair, Renovation and Restoration
SG&Met	Snow Gauge & Meteorological Site
Sq.km	Square Kilometer
SW	Surface Water
TCA	Total Cultivable Area
T&D	Transmission and Distribution Lines
Th.Ha	Thousand Hectare
TMcum	Thousand Million Cubic Metre
Ton/Ha	Ton per Hectare
UIP	Ultimate Irrigation Potential
UT	Union Territory
WM	Water Management
WP&P	Water Planning and Projects Wing
WQSS	Water Quality Sampling Station
WRS	Water Related Statistics

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## CONTENTS

Sl. No.	Particulars	Page No.
	<ul style="list-style-type: none"> <li>• Foreword by Chairman, CWC</li> <li>• Message by Member (WP&amp;P), CWC</li> <li>• Preface by Advisor (ISO), CWC</li> <li>• Composition of the Committee for Improvement of the Publication</li> <li>• Team of Officers Associated with the Publication</li> <li>• Acronyms and Abbreviations</li> <li>• Introduction</li> </ul>	iii v vii ix xi xiii xxi
<b>Chapter-1</b>	<b>Water and Related Resources</b>	<b>1</b>
1.1	Water Bodies	3
1.2	Rivers	5
1.3	Rainfall	5
1.4	Water Resources Potential	5
1.5	Surface Storage	9
1.6	Hydrological Network of CWC	9
1.7	Dynamic Ground Water Resources	10
1.8	Ground Water Exploration	13
1.9	Irrigation Potential	15
1.10	Dams Scenario	15
1.11	Land Use Statistics	16
1.12	Irrigated Area under Principal Crops	17
1.13	Sources of Irrigation and Area Irrigated	19
1.14	Irrigation Development in the Country	19
1.15	Number of Major, Medium Irrigation and ERM Projects	22
1.16	Command Area Development & Water Management Programme	22
1.17	India-WRIS	23
1.18	National Projects	30
<b>Appendix-1</b>		<b>33</b>
<b>Table 1.1</b>	Per Capita Average Annual Availability of Water in India in 2025 & 2050	35
<b>Table 1.2</b>	Basin-wise Storage in India	36
<b>Table 1.3</b>	State-wise Live Storage Capacity	37
<b>Table 1.4 (a)</b>	Storage Position of Important Reservoirs of India for the year 2019-2020	38
<b>Table 1.4 (b)</b>	Storage Position of Important Reservoirs of India for the year 2020-21	113
<b>Table 1.5 (a)</b>	State-wise Details of Hydrological Observations Sites as on Sept, 2020	189
<b>Table 1.5 (b)</b>	Basin-wise Details of Hydrological Observations Sites as on Sept, 2020	190
<b>Table 1.5 (c)</b>	Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission as on Sept, 2020	191
<b>Table 1.5 (d)</b>	State/Basin-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission as on Sept, 2020	196

Contd...

## CONTENTS

<b>Sl. No.</b>	<b>Particulars</b>	<b>Page No.</b>
<b>Table 1.6</b>	State-wise Ground Water Resources of India, 2020	201
<b>Table 1.7</b>	State-wise Categorization of Blocks/Mandals/Talukas in India during 2020	203
<b>Table 1.8</b>	State-wise Ultimate Irrigation Potential	205
<b>Table 1.9</b>	Abstract of Large Dams (State-wise & Decade-wise)as on 27.06.2019	206
<b>Table 1.10</b>	Details of Plan-wise Position of Irrigation Potential Created and Utilized (in Mha)	208
<b>Table 1.11</b>	Irrigation Potential Creation of MMI, Minor Irrigation Projects and other Schemes	210
<b>Table 1.12</b>	State-wise Irrigation Potential Created by Major and Medium Irrigation Projects under AIBP and AIBP-PMKSY	212
<b>Table 1.13</b>	State-wise Number of Major, Medium and ERM Irrigation Projects	214
<b>Table 1.14</b>	Physical Achievements of Field Channels under CAD Programme by States as on 31.03.2021	216
<b>Table 1.15</b>	List of Water Resources Projects declared as National Projects	218
<b>Table 1.16 (a)</b>	Percentage of Rural Population getting Safe and Adequate Drinking Water within their premises through Pipe Water Supply (PWS) as on 01.04.2020	221
<b>Table 1.16 (b)</b>	Percentage of Rural Population getting Safe Drinking Water using Improved Drinking Water Sources as on 01-04-2020	222
<b>Table 1.17</b>	Status of Hydro Electric Potential Development- Region & State-wise	223
<b>Table 1.18</b>	Status of Hydro Electric Potential Development- Basin-wise	225
<b>Table 1.19</b>	Hydro Electric Power Installed Capacity and Generation- All India (Utilities)	226
<b>Chapter-2</b>	<b>Financial Performance</b>	<b>227</b>
<b>2.1</b>	Accelerated Irrigation Benefits Programme (AIBP)	229
<b>2.2</b>	Command Area Development & Water Management Programme (CAD&WM)	229
<b>2.3</b>	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)	230
<b>2.4</b>	Minor Irrigation Census	231
<b>2.5</b>	Repair Renovation and Restoration (RRR) of Water Bodies Scheme	232
<b>2.6</b>	Central Sector Water Resources Projects including Namami Gange Projects	233
<b>2.7</b>	Namami Gange Programme	239
<b>Appendix-2</b>		<b>241</b>
<b>Table 2.1</b>	Year-wise Central Assistance Released to States for Major, Medium and ERM Projects for the period 2015-16 to 2019-2020 under AIBP-PMKSY	243

Contd...

## CONTENTS

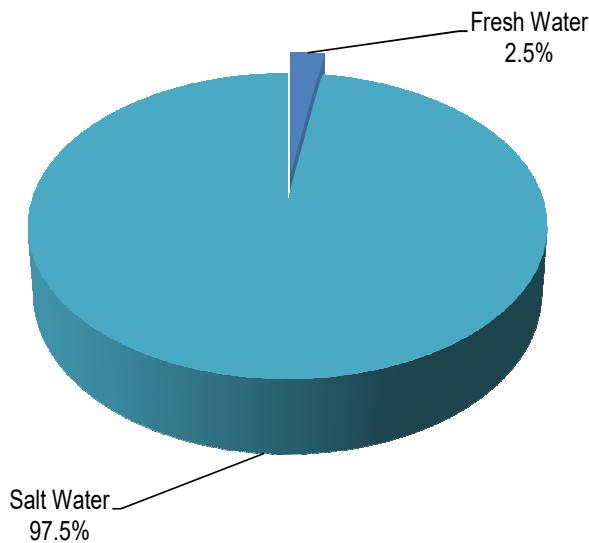
<b>Sl. No.</b>	<b>Particulars</b>	<b>Page No.</b>
<b>Table 2.2 (a)</b>	Expenditure Status of 99 Priority Projects under PMKSY-AIBP	245
<b>Table 2.2 (b)</b>	Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP	257
<b>Table 2.3</b>	CAD&WM Inclusion Status	272
<b>Table 2.4 (a)</b>	State-wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021	273
<b>Table 2.4 (b)</b>	State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021	280
<b>Table 2.5</b>	State-wise & Plan-wise Financial Expenditure on Minor Irrigation (Institutional)	301
<b>Table 2.6</b>	Fund Released to States for the Water Bodies included during XII plan & onwards under RRR of Water Bodies Scheme as on 28.02.2021	302
<b>Table 2.7</b>	States/UTs-wise Water Rates for Flow Irrigation	303
<b>Table 2.8</b>	States/UTs-wise Water Rates for Lift Irrigation	304
<b>Chapter-3</b>	<b>Environmental Performance</b>	305
<b>3.1</b>	Land Degradation	307
<b>3.2</b>	Flood	310
<b>3.3</b>	Water Requirement	311
<b>Appendix-3</b>		315
<b>Table 3.1</b>	Flood Damage during 1953 to 2019	317
<b>Table 3.2</b>	State-wise Damage due to Flood during 2019	321
<b>Table 3.3</b>	Flood Forecasting Information in India during Flood Season 2019	323
<b>Table 3.4</b>	Comparative Flood Forecasting Performance from 2000 to 2019	338
<b>Table 3.5</b>	Site-wise 'Forecast Performance' of Flood Forecasting Sites of CWC in Flood Season, 2019	339
<b>Table 3.6</b>	Extreme Flood Events in India under CWC FF&W Network- 2019 Flood Season	340
<b>Table 3.7</b>	Above Normal and Severe Flood Events on main Ganga and its tributaries-2019 Flood Season	341
<b>Table 3.8</b>	Above Normal and Severe Flood Events on main Brahmaputra and its tributaries-2019 Flood Season	359
<b>Table 3.9</b>	Above Normal and Severe Flood Events on various River Systems (Excluding Ganga and Brahmaputra Basins)-2019 Flood Season	373
<b>Glossary of Terms</b>		381

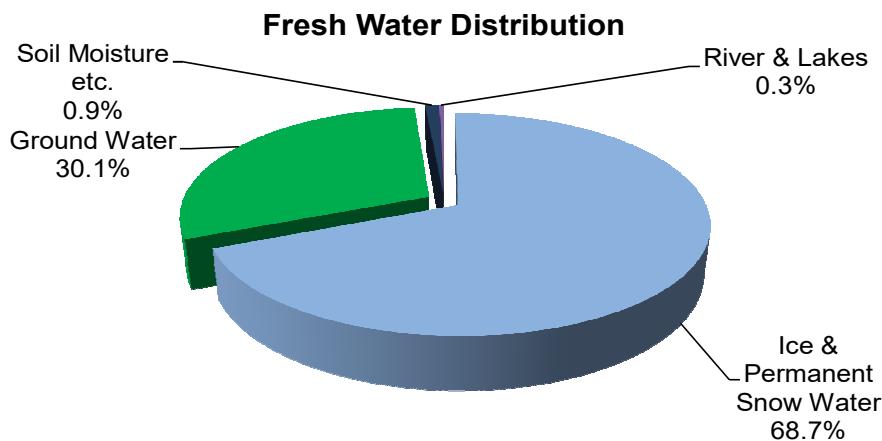
## Introduction

Water resources are natural resources of water that are potentially useful. Water resources include information on precipitation, surface and ground water storage and hydropower potential. Water resources (surface water and ground water) are renewed through the continuous cycle of evaporation, precipitation and run-off. The water cycle is driven by global and climatic forces that introduce variability in precipitation and evaporation, which in turn define run-off patterns and water availability over space and time (modulated by natural and artificial storage). Uses of water include agricultural, industrial, household, recreational and environmental activities.

All living things require water to grow and reproduce. About 97.5% of the water on the Earth is salt water and only about 2.5% is fresh water; slightly over two-thirds of this is frozen in glaciers and polar ice caps. The remaining unfrozen fresh water is found mainly as ground water, with only a small fraction present above ground or in the air. According to one estimate of water reserves on earth quoted by the Food and Agriculture Organization (FAO) of the United Nations the total water reserve on earth is about 1.4 billion km<sup>3</sup>. However, fresh water constitutes a very small proportion of this enormous quantity available on earth. It is only about 35 million km<sup>3</sup> or just 2.5% of the total volume and the remaining is saline water. A large fraction of the fresh water, about 24 million km<sup>3</sup> or 68.7% is in the form of ice and permanent snow cover in the mountainous regions, the Antarctic and Arctic regions and another 30.1% is present as ground water. About 0.3% is available in lakes, rivers and 0.9% in soil moisture, swamp water and permafrost atmosphere.

**World Water Distribution**





Water is an indispensable element in every sector of the economy, be it primary, secondary or tertiary sectors. These water demands are fulfilled by various sources of water supply-surface water bodies like river, lakes and ponds; ground water and others. But these resources are under severe environmental stress due to the growing population and increased levels of developmental activities, industrialization and urbanization.

According to World Water Development Report, 2020 by UN; global water use has increased by a factor of six over the past 100 years and continues to grow steadily at a rate of about 1% per year as a result of increasing population, economic development and shifting consumption patterns. Combined with a more erratic and uncertain supply, climate change will aggravate the situation of currently water-stressed regions, and generate water stress in regions where water resources are still abundant today. Physical water scarcity is often a seasonal phenomenon, rather than a chronic one, and climate change is likely to cause shifts in seasonal water availability throughout the year in several places. Climate change manifests itself, amongst others, in the increasing frequency and magnitude of extreme events such as heat waves, unprecedented rainfalls, thunderstorms and storm surge events.

Water has cross sectoral linkages with various sectors such as food, energy, agriculture, industries and urban development and others, thus, cannot be considered in isolation, which makes it challenging for the policy makers to apportion diminishing supplies between ever-increasing demands. Factors such as demography and climate change further increase the stress on water resources and highlighting the need for water security.

In many regions, the availability of water in both quantity and quality is being severely affected by climate change, with more or less precipitation in different regions and more extreme weather events. Thus, water resource management plays an important role.

The Information System Organisation (ISO), CWC brings out various publications at regular intervals on statistics related to water resources development and management and related aspects. The present publication is a biennial and attempts to cover a wide range of data on water and related resources in the country. The latest available edition of this publication is of the year 2019 and it is available at the website of CWC at [cwc.gov.in](http://cwc.gov.in).

The information given in the publication is collected from various Directorates of CWC, various Ministries/Departments and other organizations.

It comprises three chapters along with related appendix tables. Summary tables and charts have been included within the chapters to facilitate overview and better understanding.

The structure of this publication is as follows:

- Introduction
- Chapter-1: 'Water and Related Resources'
- Chapter-2: 'Financial Performance'
- Chapter-3: 'Environmental Performance'

The introduction presents inter-alia the global water scenario. Chapter 1 deals with Inland Water Resources and other water bodies, River basin-wise catchment area, the year-wise volume of rainfall, Storage potential, State and Basin-wise Hydrological Network of CWC, Assessment of Ground Water and Ground Water Exploration, Irrigation Potential, State-wise Ultimate Irrigation Potential of Major & Medium irrigation Projects, Data on selected Land-use & Irrigation Statistics, Source-wise irrigated area, Plan-wise & State-wise Irrigation Potential created and Irrigation Potential utilized of Major & Medium Irrigation Projects etc.

Chapter 2 deals with the financial aspects of water and related sectors in the country such as details on Accelerated Irrigation Benefits Programme (AIBP), Command Area Development & Water Management Programme (CAD&WM), Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), Minor Irrigation Census and Repair, Renovation and Restoration (RRR) of Water Bodies Scheme. In this edition of the publication the details on Central Sector Water Resources Projects including Namami Gange Projects have also been incorporated in Chapter-2.

Chapter 3 presents information regarding the environmental aspects of water resources development activities. It includes data on the degraded land and its distribution according to various types. It provides details on flood damages and analysis of total damage. It also gives a description of the performance of the flood forecasting network.

## **Some Facts and Figures on Water**

- The total volume of water on Earth is ~ 1.4 billion km<sup>3</sup>.
- The volume of freshwater resources is ~35 billion km<sup>3</sup>, or about 2.5% of the total volume.
- Of these fresh water resources, ~24 million km<sup>3</sup> or 68.9% is in the form of ice and permanent snow cover in mountainous regions, the Antarctic and Arctic regions.
- Some 8 million km<sup>3</sup> or 30.8% is stored underground in the form of ground water (shallow and deep ground water basins up to 2,000 m, soil moisture, swamp water and permafrost). This contains about 97 % of all the freshwater that is potentially available for human use.
- Freshwater lakes and rivers contain an estimated 1,05,000 km<sup>3</sup> or ~0.3% of the world's freshwater.
- The total usable fresh water supply for ecosystems and humans is ~2,00,000 km<sup>3</sup> of water, which

is < 1% of all fresh water resources, and only 0.01 % of all the water on Earth (Gleick, 1993; Shiklomanov, 1999)

- The world contains as estimated 1400 million cubic km of water. Only 0.003% of these vast amounts, about 45000 cubic km, are what is called 'fresh water resources'. Only about 9000-14000 cubic km are economically available for human use.
- Agriculture is by far the biggest user of water, accounting for almost 70% of all withdrawals and up to 95% in developing countries.
- The water needed for crops amounts to 1000-3000 cubic meter per tonne of cereal harvested. Put another way, it takes 1-3 tonnes of water grown 1 kg cereal.
- The daily drinking water requirements per person are 2-4 liters. However, it takes 2000-5000 liters of water to produce a person's daily food.
- Drought ranks as the single most common cause of severe food shortages in developing countries.
- In India, more than 70 percent of annual rainfall takes place during the three months of the monsoon; most of it floods out to sea. Therefore, farmers who lack irrigation must contend with water scarcity through much of the year.
- Globally, rain-fed agriculture is practiced on 80 percent of cultivated land and supplies more than 60 percent of the world's food.
- In India's Tamil Nadu State, over pumping in certain areas has lowered the water level in wells by 25 to 30 m in one decade.
- Food security, human health, urban and rural settlements, energy production, Industrial development, economic growth, and ecosystems are all water-dependent.
- Global water use has increased by a factor of six over the past 100 years and continues to grow steadily at a rate of 1% per year as a result of increasing population, economic development and shifting consumption patterns.
- Accelerated melting of glaciers is expected to have a negative effect on the water resources of mountain regions and their adjacent lowlands with tropical mountain regions being among the most vulnerable (Buytaert et al., 2017)
- Water use has been growing at more than twice the rate of population increase in the last century (FAO, 2013a). Combined with a more erratic and uncertain supply, this will aggravate the situation of currently water stressed regions, and generate water stress in regions with currently abundant water resources
- Global water use has increased by a factor of six over the past 100 years and continues to grow steadily at a rate of about 1% per year. (World Water Development Report, 2020 by UN)
- The Food and Agriculture Organization of the United Nations (FAO) estimated a 5.5% increase in irrigation water withdrawals from 2008 to 2050 (FAO, 2011a).
- The combined effects of growing populations, rising incomes, changing consumption patterns and expanding cities will see demand for water significantly.
- The industry (including the energy sector for thermoelectric and nuclear power plant cooling)

withdraws 19% of the world's freshwater resources (AQUASTAT, n.d.) and more recently energy alone was estimated as taking about 10% (IEA, 2016).

- The industry and energy sector's share in global water demand has been projected to grow to 24 % by 2050.
- Projections by the International Energy Agency (IEA) using their scenario (New Policies) anticipate that global water withdrawals by energy sector will increase less than 2% by 2040., but consumption will increase by nearly 60% (IEA, 2016).
- Groundwater represents about 90% of the world's readily available freshwater resources, and some 1.5 billion people depend upon groundwater for their drinking water.
- It is estimated that out of every three people will live in water stressed area by the year 2025.

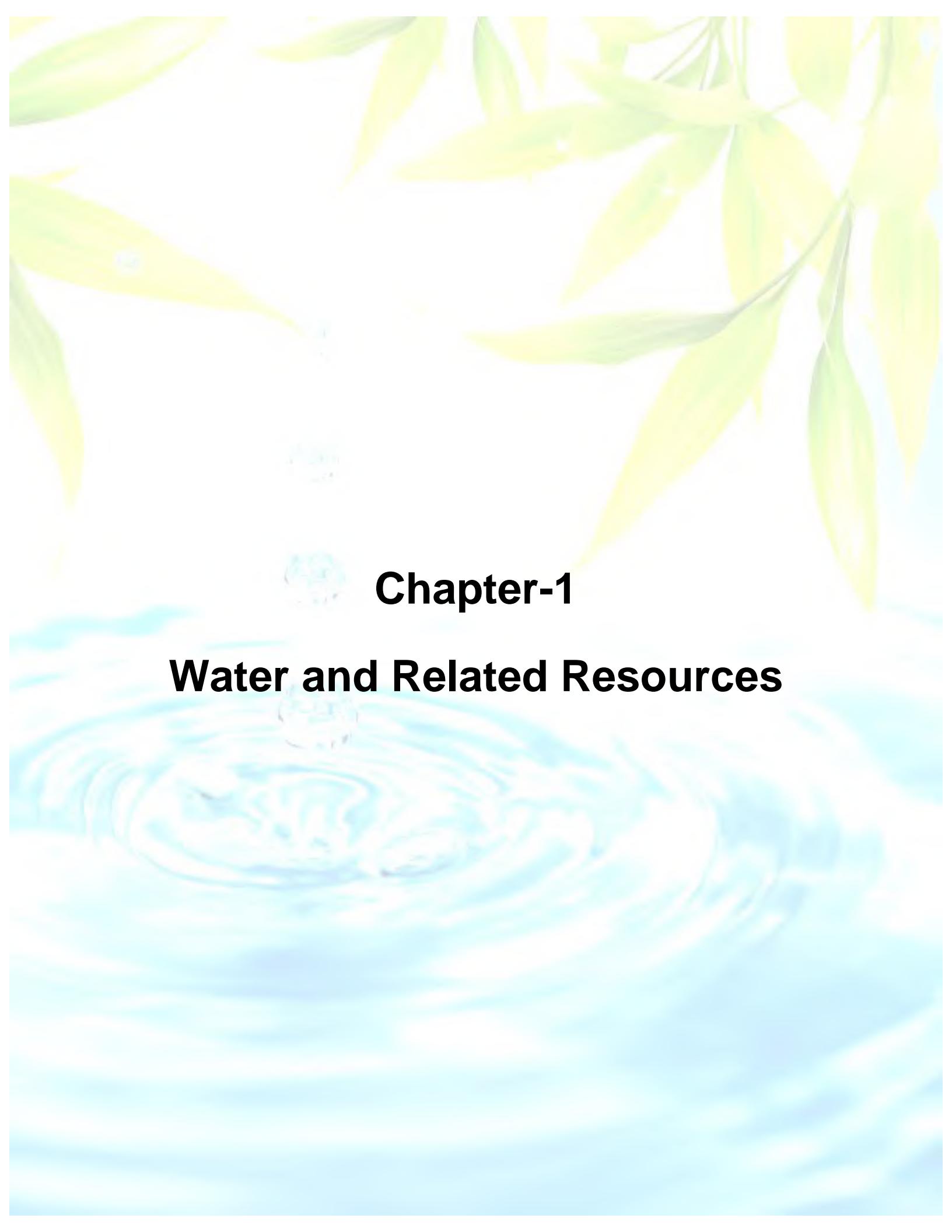
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## Water Resources of India at a Glance

Sl. No	Items	Quantity	Unit
1	2	3	4
1	Geographical Area	328.74	Mha
2	Annual Rainfall (2020)	1,290	mm
3	Major River Basins (as per Reassessment of Water Availability in India using Space Inputs, June, 2019)	20	Nos.
4	Catchment Area of Major River Basins (as on June, 2019)	32,71,953	km <sup>2</sup>
5	Average Annual Precipitation	3,880	BCM
6	Average Precipitation during Monsoon (June to September)	2,500	MM
7	Average Annual Flow (as per Reassessment of Water Availability in India using Space Inputs, June, 2019)	1,999.20	BCM
8	Estimated Utilisable Surface Water Resources	690	BCM
9	Total Annual Ground Water Recharge (as per Ground Water Resources Assessment, 2017)	436	BCM
10	Total Annual Utilizable Water Resources	1,126	BCM
11	Per Capita Water Availability (2011 Census)	1,545	m <sup>3</sup> / per year
12	Gross Irrigated Area (2016-17p)	98,148	Th. Ha
13	Net Irrigated Area (2016-17p)	68,649	Th. Ha
14	Identified Capacity as per Reassessment Study (Above 25 MW) (as on 31.03.2021)	1,45,320	MW
15	Capacity in Operation (Above 25 MW) (as on 31.03.2021)	41,423.6	MW
16	Large Dams Completed (as on 27.06.2019)	5,334	Nos.
17	Live Storage Capacity of Completed Projects of Major River Basins	257.812	BCM

Sources: BP-1 Dte, DSM Dte, WM Dte of CWC; 'Water Resources at a Glance 2021', CWC; Central Ground Water Board; 'India State of Forest Report 2019', Forest Survey of India, M/o Environment, Forests & Climate Change; Central Electrical Authority, M/o Power; M/o Agriculture & Farmers Welfare.

'p': Provisional



## Chapter-1

# Water and Related Resources



# Chapter-1

## Water and Related Resources

Water resources have two facets - dynamic and static. The dynamic and renewable nature of water resources and the recurrent need for its utilisation requires that water resources be measured in terms of its flow rates. The dynamic resource measured as flow is more relevant for most developmental needs. The static or fixed nature of the resource, involving the quantity of water, the length or area of the water bodies is also relevant for some activities like pisciculture, navigation etc. Both these aspects are discussed below.

### 1.1 Water Bodies

Inland water resources of the country are classified as: rivers and canals; reservoirs; tanks, lakes & ponds; lakes and derelict water bodies; and brackish water. Total water bodies (excluding rivers and canals) cover an area of about 9.09 Mha. Among these water bodies, 'reservoirs' have maximum area (4.03 Mha) followed by 'tanks and ponds' (2.55 Mha).

Inland water resources are unevenly distributed over the States and are shown in Table T1. These are mainly distributed over 9 States namely Maharashtra, Odisha, Tamil Nadu, Assam, Telangana, Karnataka, West Bengal, Andhra Pradesh and Gujarat covering about 75% of the total area of inland water resources (excluding rivers and canals).

**Table T 1: Inland Water Resources in the Country**

States	Rivers & Canals (Length in km)	Small Reservoirs		Medium & Large Reservoir		Tanks & Ponds (Ha)	Brackish Water (Ha)	Beels/ Oxbow Lakes/ Derelict Water (Ha)	Any other than Rivers and Canals (Ha)
		Number	Area (Ha)	Number	Area (Ha)				
1	2	3	4	5	6	7	8	9	10
Andhra Pradesh	11514.00	90	34693.00	26	130898.00	333634.00	53830.00	0.00	0.00
Arunachal Pradesh	10957.00	1	136.00	0	0.00	29122.00	0.00	3277.00	56000.00
Assam	4820.00	0	0.00	2	1096.00	77250.00	0.00	154650.00	462382.00
Bihar	3200.00	0	0.00	37	26304.00	93218.00	0.00	9000.00	0.00
Chhattisgarh	3570.00	1757	43681.85	13	39035.75	109003.64	0.00	0.00	0.00
Delhi	66.00	0	0.00	0	0.00	12.00	0.00	0.00	0.00
Goa	250.00	4	484.00	1	2964.00	87.70	108.46		
Gujarat	3865.00	1547	92705.00	88	254954.00	22000.00	187000.00	0.00	0.00
Haryana	7197.00	0	0.00	0	0.00	17244.00	0.00	0.00	0.00
Himachal Pradesh*	3000.00	0	0.00	5	43785.00	845.34	0.00	0.00	0.00
Jammu & Kashmir*	27781.00	5	750.00	2	6250.00	17010.00	0.00	6000.00	0.00
Jharkhand*	1800.00	412	28789.63	23	104363.00	79010.00	0.00	0.00	19936.00
Karnataka	5853.00	33	7195.00	49	265063.00	291627.00	8000.00	0.00	0.00
Kerala	3220.00	37	12039.00	10	21707.00	27625.00	65213.00	0.00	0.00
Madhya Pradesh	17088.00	3315	124486.00	25	228321.00	76982.00	0.00	0.00	0.00

Contd...

**Table T 1: Inland Water Resources in the Country**

States	Rivers & Canals (Length in km)	Small Reservoirs		Medium & Large Reservoir		Tanks & Ponds (Ha)	Brackish Water (Ha)	Beels/ Oxbow Lakes/ Derelict Water (Ha)	Any other than Rivers and Canals (Ha)
		Number	Area (Ha)	Number	Area (Ha)				
1	2	3	4	5	6	7	8	9	10
<b>Maharashtra</b>	29530.00	5273	1227089.00	411	302830.00	289240^	2699.00	41288.00	450.00
<b>Manipur</b>	14788.00	5	960.00	1	1182.00	11622.80	0.00	24433.00	0.00
<b>Meghalaya*</b>	4200.87	7	717.53	0	0.00	3465.37	0.00	284.78	66.94
<b>Mizoram</b>	1750.00	3	10.00	2	8000.00	5492.04	0.00	0.00	0.00
<b>Nagaland</b>	1600.00	0	0.00	1	2258.00	3474.13	0.00	1110.00	0.00
<b>Odisha*</b>	24878.72	603	34608.00	8	165771.00	133786.00	384950.00	180000.00	0.00
<b>Punjab</b>	868.00	12	686.73	1	3525.00	16730.00	0.00	0.00	
<b>Rajasthan</b>	5290.00	346	82396.00	48	254475.00	93909.00	0.00	0.00	0.00
<b>Sikkim</b>	1600.00	3	850.00	0	0.00	1466.00	0.00	0.00	0.00
<b>Tamil Nadu</b>	7420.00	69	19948.00	9	42067.00	253975.00	56000.00	7000.00	385218.20
<b>Telangana</b>	4818.00	56	23146.00	26	191763.00	395828.00	0.00	0.00	0.00
<b>Tripura</b>	2975.80	0	0.00	1	3049.34	18530.12	0.00	0.00	12161.01
<b>Uttarakhand*</b>	2686.00	0	0.00	7	20587.00	862.32	0.00	297.00	50*
<b>Uttar Pradesh</b>	39542.00	53	12899.59	29	132655.00	172859.33	0.00	12034.15	0.00
<b>West Bengal</b>	2526.00	52	28050.00	0	0.00	263372.00	210000.00	42082.00	26925.00
<b>Andaman &amp; Nicobar Islands</b>	0.00	7	367.00	0	0.00	202.26	0.00	0.00	0.00
<b>Chandigarh</b>	0.00	0	0.00	3	300.00	2.06	0.00	0.00	0.00
<b>Dadar &amp; Nagar Haveli and Daman &amp; Diu</b>	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00
<b>Ladakh</b>	3770.00	0	0.00	1	250.00	7.52	97700.00	0.00	0.00
<b>Lakshadweep</b>	0.00	0	0.00	0	0.00	1.84	0.00	0.00	0.00
<b>Puducherry</b>	7.09	0	303.33	0	1357.12	57.45	0.00	0.00	0.00
<b>All India</b>	<b>252431.48</b>	<b>13690</b>	<b>1776991.00</b>	<b>829</b>	<b>2254810.00</b>	<b>2550314.00</b>	<b>1065500.00</b>	<b>481455.93</b>	<b>963189.20</b>

Source: States and UTs

**Note:**

\*Uttarakhand: 50 waterlogged, Raceways – 1.7 Ha

\*Meghalaya: Beels = 220.83 Ha, Lakes = 63.95 Ha, swamps and low-lying areas = 66.94 Ha

\*Jharkhand: 19,936 Ha (check dams, Ahar, coalpits and Mines)

\*Himachal Pradesh: Raceways – 4.2068 Ha

\*Odisha: Brackish water area suitable for culture – 32587 Ha, Backwater – 8100 Ha,

Brackish water Chilika lake – 79000 Ha, Estuaries – 297850 Ha

\*Jammu and Kashmir: Raceways – 11.69 Ha

^ provisional figures (Maharashtra Tanks &amp; Ponds)

## 1.2 Rivers

India is blessed with many rivers with varying catchment areas and water resources potential. The estimate of area of rivers and canals in the country is not available. However, their total length in the country is more than 2.5 Lakh km. According to the total length of rivers and canals, States and UTs have been classified and presented in Table T2. Uttar Pradesh, Maharashtra and Jammu & Kashmir have the highest total length of rivers and canals.

**Table T2: States by Total Length of Rivers and Canals**

Length (km)	Name of States/UT
(1)	(2)
<500	Goa, Delhi, Puducherry, Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep
500-999	Punjab
1000-1999	Jharkhand, Mizoram, Nagaland, Sikkim
2000-4999	Assam, Telangana, Meghalaya, Gujarat, Ladakh, Chhattisgarh, Kerala, Bihar, Himachal Pradesh, Tripura, Uttarakhand, West Bengal
5000-9999	Tamil Nadu, Haryana, Karnataka, Rajasthan
10000-14999	Manipur, Andhra Pradesh, Arunachal Pradesh
15000-19999	Madhya Pradesh
20000-24999	Odisha
25000 & above	Uttar Pradesh, Maharashtra, J&K

Source: All State Governments and Union Territories

## 1.3 Rainfall

The annual precipitation including snowfall, which is the main source of water in the country, is estimated to be of the order of 4000 BCM. A summary of rainfall in the country has been given in Table T3. Accordingly, there is an undulating trend of rainfall. In 2020, the total volume of rainfall was 4241 BCM as against 4238 BCM recorded during the previous calendar year registering a negligible change.

**Table T3: Volume of Rainfall in the Country**

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Total Rainfall (mm)	1116	1054	1243	1045	1085	1083	1127	1021	1289	1290
Total Volume of Rainfall (BCM)	3669	3468	4086	3435	3567	3560	3705	3356	4238	4241

Source: India Meteorological Department, M/o Earth Sciences

## 1.4 Water Resources Potential

The water resources potential of the country which occurs as natural run-off in the rivers is about 1999 BCM as per the estimates of Central Water Commission (CWC), taking both surface and ground water into account. The estimated utilizable water resources of the country are 1126 BCM per year, out of which, share of surface water and ground water is 690 and 436 BCM per year respectively.

Table T4 presents river basin-wise catchment area, average water resources potential and utilisable water resources potential. Of the major rivers, the river basin Ganga-Brahmaputra-Meghna is the largest in respect of catchment area of more than 11 Lakh Sq. km. The other major rivers with a catchment area of more than one Lakh Sq. km are: Indus, Godavari, Krishna and Mahanadi. The table shows that the River Basin Ganga-Brahmaputra-Meghna has an annual water resources potential of 1123 BCM out of total 1999 BCM in the country. So far, as utilisable surface water is concerned, the proportion of utilisable surface water resources to water resources potential is very high in smaller basins except in Mahi and West Flowing River basins from Tapi to Tadri and Tadri to Kanyakumari. The proportion of utilisable surface water to average water resources potential is found to be minimum in Brahmaputra sub-basin.

Table T4: River Basins

(BCM)

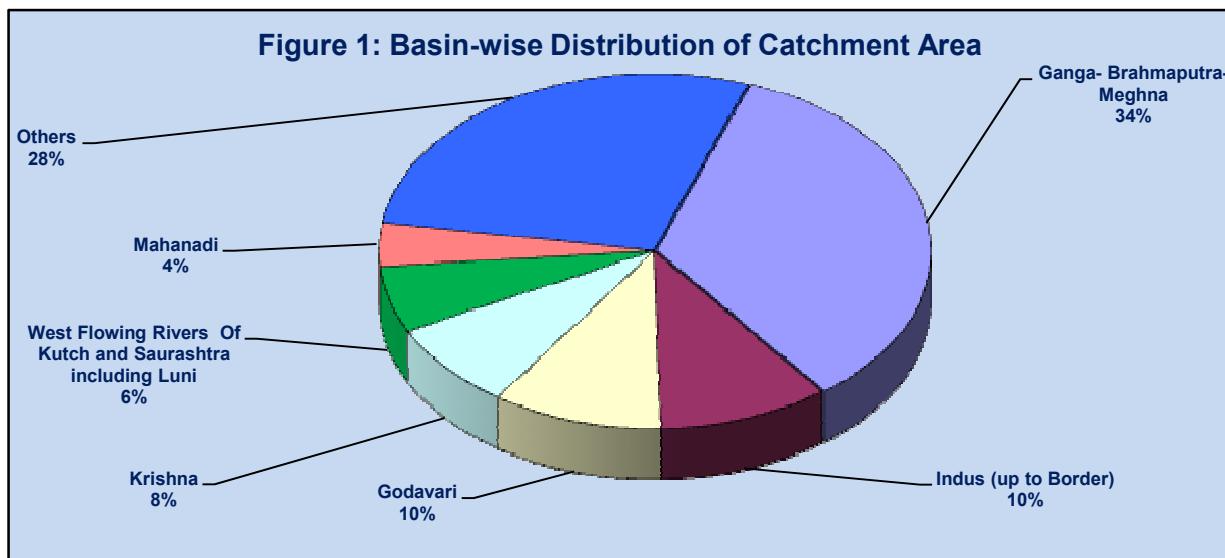
Sl. No.	River Basin	Catchment Area <sup>\$</sup> (Sq.km)	Average Water Resources Potential <sup>\$</sup>	Utilisable Surface Water Resources <sup>#</sup>
(1)	(2)	(3)	(4)	(5)
1	Indus (up to Border)	3,17,708	45.53	46.0
2	Ganga- Brahmaputra-Meghna			
	a) Ganga	8,38,803	509.52	250.0
	b) Brahmaputra	1,93,252	527.28	24.0
	c) Barak & others	86,335	86.67	
3	Godavari	3,12,150	117.74	76.3
4	Krishna	2,59,439	89.04	58.0
5	Cauvery	85,167	27.67	19.0
6	Subarnarekha	26,804	15.05	6.8
7	Brahamani & Baitarni	53,902	35.65	18.3
8	Mahanadi	1,44,905	73.00	50.0
9	Pennar	54,905	11.02	6.9
10	Mahi	39,566	14.96	3.1
11	Sabarmati	31,901	12.96	1.9
12	Narmada	96,659.79	58.21	34.5
13	Tapi	65,805.80	26.24	14.5
14	West Flowing Rivers from Tapi to Tadri	58,360	118.35	11.9
15	West Flowing Rivers from Tadri to Kanyakumari	54,231	119.06	24.3
16	East Flowing Rivers between Mahanadi & Pennar	82,073	26.41	13.1
17	East Flowing Rivers between Pennar and Kanyakumari	1,01,657	26.74	16.5
18	West Flowing Rivers of Kutch and Saurashtra including Luni	1,92,112	26.93	15.0
19	Area of Inland drainage in Rajasthan	1,44,835.90	Negligible	-
20	Minor River Draining into Myanmar (Burma) & Bangladesh	31,382	31.17	-
<b>Total</b>		<b>32,71,953</b>	<b>1999.20</b>	<b>690.1</b>

Source: B.P.-I Directorate, CWC, M/o Jal Shakti.

\$: Reassessment of Water Availability in India using Space Inputs, June 2019, CWC

# : Report of the Standing Sub-Committee for assessment of availability and requirement of water for diverse uses in the country, August 2000

The Basin-wise distribution of Catchment Area has been presented in Figure 1.

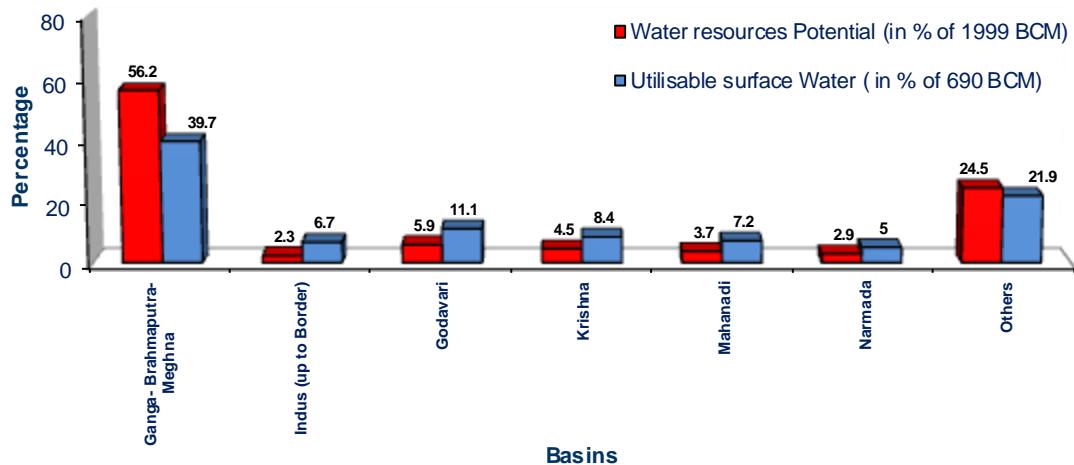


**Table T5: Percentage of Water Resources Potential and Utilisable Surface Water in Major Basins**

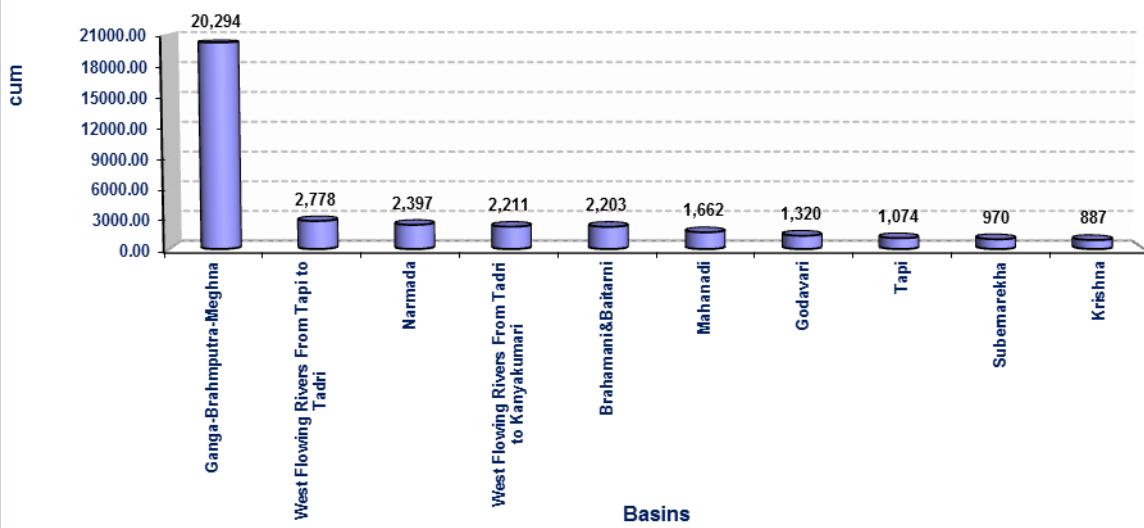
River Basin	Water Resources Potential (% to Total 1999 BCM)	Utilisable Surface Water (% to Total 690 BCM)
(1)	(2)	(3)
Ganga-Brahmaputra-Meghna	56.2	39.7
Indus (up to Border)	2.3	6.7
Godavari	5.9	11.1
Krishna	4.5	8.4
Mahanadi	3.7	7.2
Narmada	2.9	5.0
Others	24.5	21.9

Source: B.P. Directorate, CWC, M/o Jal Shakti

It is observed that the River Basin of Ganga-Brahmaputra-Meghna is covering 34% of the total catchment area in the country and is the major contributor to total water resources potential of the country. Its share is 56% in total water resources potential and also is the major contributor in the context of utilisable surface water resources (about 40%).

**Figure 2: Water Resource Potential and Utilisable Surface Water**


The per capita availability of water in the country will be 1219 cum in the year 2050 against 1434 cum during 2025. Per capita availability of less than 1700 cum is termed as a water-stressed condition while if per capita availability falls below 1000 cum it is termed as a water scarcity condition. Indus (up to border), Krishna, Cauvery, Subernarekha, Pennar, Mahi, Sabarmati, East Flowing Rivers and West Flowing Rivers of Kutch and Saurashtra including Luni are some of the basins, which fall into this category- out of which Cauvery, Pennar, Sabarmati and East Flowing rivers and West Flowing Rivers of Kutch and Saurashtra including Luni face more acute water scarcity ([Appendix Table no.-1.1](#)). The estimated per capita availability of water (cum) in different River Basins during 2025 is given in Figure 3.

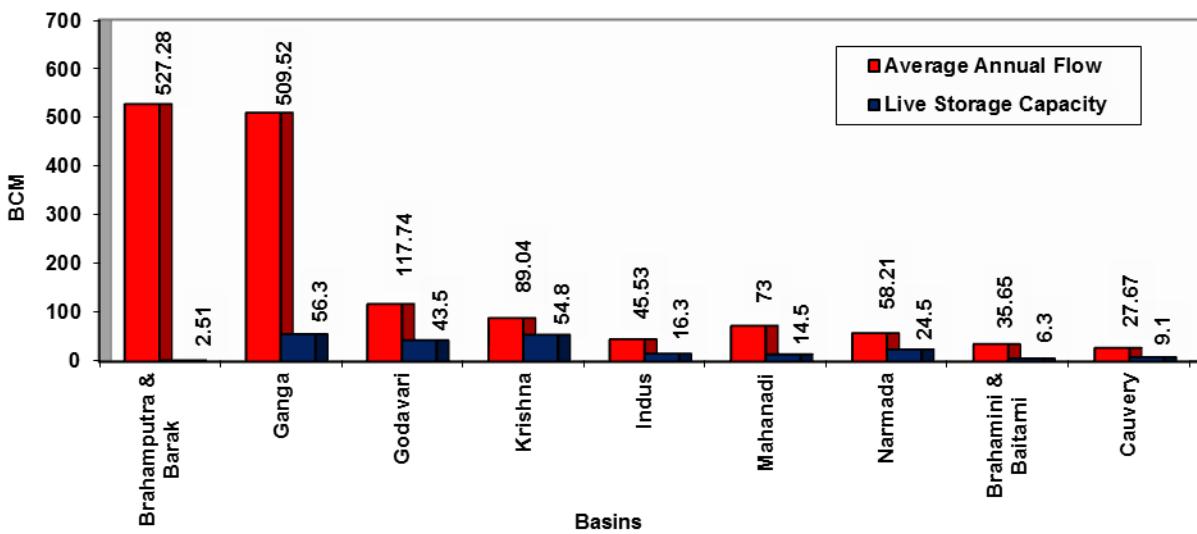
**Figure 3: Estimated Per Capita Availability of Water (cum) in Different River Basins during 2025**


## 1.5 Surface Storage

A total storage capacity of about 257.8 BCM has been created in the country due to Major & Medium irrigation projects since their completion. The projects under construction will contribute to an additional 47 BCM. Thus, likely storage available will be 304.6 BCM once the projects under construction are completed against the total water availability of 1999 BCM in the river basins of the country.

Maximum storage lies in the Ganga Basin followed by Krishna, Godavari and Narmada. Pennar is the leading basin in terms of storage capacities as a percentage of average annual flow. The storage capacities as a percentage of average annual flow exceed 50% for Krishna, Tapi and Narmada basins while for Ganga and Brahmaputra sub-basins the corresponding figures are 11% and 0.5 % respectively ([Appendix Table no.-1.2](#)).

**Figure 4: Basin-wise Flow & Storage Potential in India**



The States of erstwhile Andhra Pradesh, Karnataka, Madhya Pradesh and Maharashtra, together account for more than 50% of total live storage capacity in the country ([Appendix Table no.- 1.3](#)). Month-wise storage position of important Reservoirs of India for the year 2019-20 and 2020-21 are presented in [Appendix Table no.-1.4 \(a\)](#) and [1.4 \(b\)](#) respectively.

## 1.6 Hydrological Network of CWC

CWC maintains 1741 Hydro-meteorological Observation sites ([Appendix Table 1.5-a](#)) across the country for collection of hydrological data on water level and discharge observations including silt measurements and snow-melt run-off for assessment of the water resources for planning and its optimal utilisation for comprehensive and sustainable development. Basin-wise details of Hydrological Observation sites are given in [Appendix table no.1.5 \(b\)](#). Out of 1741 total Hydrological Observation sites, 193 are exclusively Meteorological sites. Basin/State-wise

and State/Basin-wise Hydro-meteorological observations sites are presented in Appendix Table no.1.5 (c) and 1.5 (d).

## 1.7 Dynamic Ground Water Resources

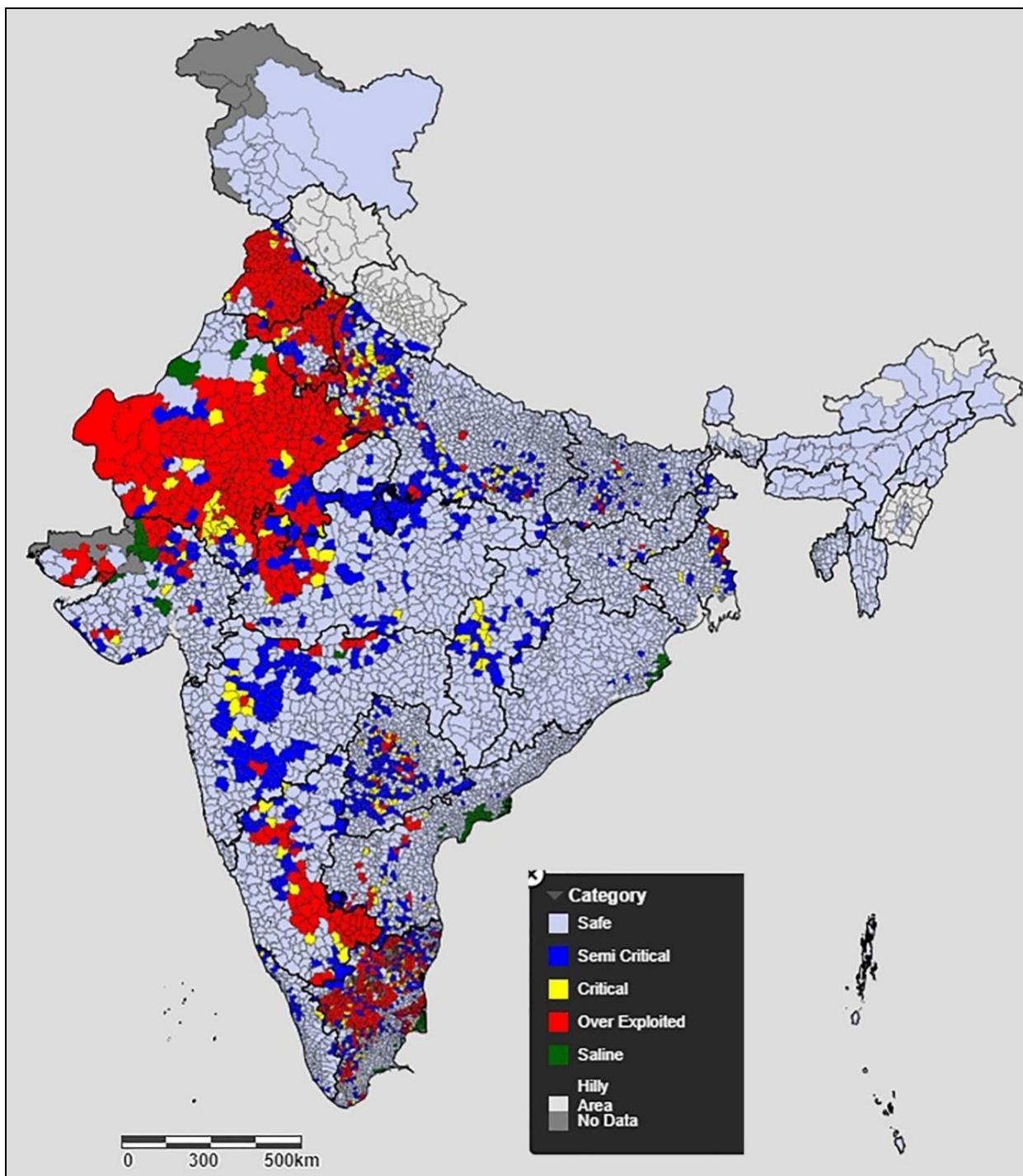
Ground water resources get replenished through rainfall and other sources like return flow from irrigation, canal seepage, recharge from water bodies, water conservation structures etc. Various components of ground water recharge and discharge are required to be quantified for proper management of ground water resources. Assessment of dynamic ground water resources in India is carried out at periodical intervals jointly by State Ground Water Departments and Central Ground Water Board. The assessment involves computation of dynamic ground water resources or Annual Extractable Ground Water Resource, Total Annual Ground Water Extraction (utilization) and the percentage of utilization with respect to annual extractable resources (stage of Ground Water Extraction). The assessment units (Talukas/Blocks/Mandals/Talukas/Firkas) are categorized based on Stage of Ground Water Extraction, which are then validated with long-term water level trends. Assessment for the year 2020 has been completed State-wise ground water resources of India as per the latest assessment (2020) are given in Appendix Table no.-1.6. Summary of the ground water resource assessment (2020) is given in Table T6 and a brief description is provided in the following paragraphs.

As per the recent assessment for the year 2020, annual ground water recharge in the country has been assessed as 436.15 BCM. The main source of ground water recharge is recharge through rainfall which contributes nearly 67% of the total annual ground water recharge. Total annual extractable ground water resource of the country has been assessed as 397.62 BCM after keeping a provision for natural discharge. Total Annual Ground Water Extraction for all uses has been estimated as 244.92 BCM. Agriculture sector is the predominant consumer of ground water resources. About 89 % of total annual ground water extraction i.e. 217.61 BCM is for irrigation use. Remaining around 27.3 BCM is for Domestic & Industrial use.

The ratio of annual ground water extraction and total annual extractable ground water resources indicates the extent of use of ground water resources in an assessment unit and this ratio expressed in percentage terms is called stage of ground water extraction. The overall stage of ground water extraction in the country is 61.6 %. The stage of ground water extraction is very high in the States of Delhi, Haryana, Punjab and Rajasthan, where it is more than 100%, which implies that in these States the annual ground water withdrawal is more than annual extractable ground water resources. In the States of Tamil Nadu, Uttar Pradesh, Karnataka and UTs of Chandigarh and Puducherry, the stage of ground water Extraction is between 60-100%. In rest of the States/UTs, the stage of ground water extraction is below 60 %.

Ground Water Assessment units are categorized as safe, semi-critical, critical and overexploited based on the stage of ground water extraction. Out of the total 6965 assessment units (Blocks/Taluks/Mandals/Districts/Firkas/Valleys), 1114 have been categorized as 'Over-exploited', 270 as 'Critical', 1057 as 'Semi-critical', and 4427 units as 'Safe'. There are 97 assessment units, which are categorized 'saline' based on predominant ground water quality. Majority of the over-exploited assessment units are located in the north-western part of India (Figure 5).

Figure 5: Categorization of States as per Ground Water Resource Assessment (2020)



Source: Central Ground Water Board, D/o Water Resources, RD & GR, M/o Jal Shakti

A summary of the classification of ground water assessment units based on stage of Ground Water Extraction for the year 2020 is presented below in Table T6. However, classification of area units based on % of ground water extraction for the year 2020 in different States of the country is given in Table T7. State-wise detailed table is given in Appendix Table no.-1.7.

**Table T6: Dynamic Ground Water Resources and Categorisation of Assessment Units as per the Assessment done for the year 2020**

Total Annual Ground Water Recharge	436.15 BCM
Annual Extractable Ground Water Resources	397.62 BCM
Annual Ground Water Extraction	244.92 BCM
Stage of Ground Water Extraction	61.6 %
<b>Categorisation of Assessment units</b>	
Total number of Ground Water Assessment Units	6965
Number of Assessments classified as 'Safe'	4427 (64 %)
Number of Assessments classified as 'Semi-critical'	1057 (15 %)
Number of Assessments classified as 'Critical'	270 (4 %)
Number of Assessments classified as 'Over-exploited'	1114 (16 %)
Number of Assessments classified as 'Saline'	97 (1 %)

**Table T7. Classification of Area Units Based on % of Ground Water Extraction (2020)**

% of units	Safe	Semi-critical	Critical	Over-exploited	Salinity affected
90 and above	Arunachal Pradesh, Assam, Goa, Himachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Dadra & Nagar Haveli, Jammu and Kashmir, Ladakh, Andaman and Nicobar Islands, Odisha, Jharkhand	Chandigarh			
75 to 89	Andhra Pradesh, Bihar Chhattisgarh, Kerala, Uttarakhand Maharashtra, Lakshadweep			Punjab	
40 to 74	Madhya Pradesh, Gujarat, West Bengal, Uttar Pradesh, Karnataka, Telangana, Daman & Diu, Puducherry			Delhi, Rajasthan, Haryana, Daman & Diu	

Contd...

<b>Table T7. Classification of Area Units Based on % of Ground Water Extraction (2020)</b>					
<b>% of units</b>	<b>Safe</b>	<b>Semi-critical</b>	<b>Critical</b>	<b>Over-exploited</b>	<b>Salinity affected</b>
20 to 39	Haryana, Tamil Nadu	Delhi, Uttar Pradesh, Telangana, Uttarakhand, West Bengal, Lakshadweep	Delhi, Puducherry	Karnataka, Tamil Nadu	Puducherry
5 to 19	Delhi, Punjab, Rajasthan	Andhra Pradesh, Bihar, Chhattisgarh, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Tamil Nadu, Kerala, Gujarat, Punjab	Haryana, Rajasthan, Telangana, Chhattisgarh, Uttar Pradesh, Tamil Nadu	Gujarat, MP, Uttar Pradesh, Telangana	Andhra Pradesh, Gujarat
1 to 4		Jharkhand, Odisha,	Karnataka, Punjab, Madhya Pradesh, Maharashtra, Andhra Pradesh, Kerala, Gujarat, Bihar, Jharkhand, West Bengal	Andhra Pradesh, Maharashtra, Bihar, Jharkhand	Odisha, Rajasthan, Tamil Nadu, Maharashtra, Andaman & Nicobar Islands

Source: Central Ground Water Board, D/o Water Resources, RD & GR, M/o Jal Shakti

### 1.8 Ground Water Exploration

Ground Water Exploration aided by drilling is an important activity of Central Ground Water Board (CGWB). It is aimed at delineation of aquifers in different hydro-geological setups and determination of their hydraulic parameters. The exploratory drilling operations have enabled demarcation of aquifers both in lateral and vertical extensions and evaluation of various aquifer parameters and assessment of their yield potential in various hydro-geological settings. These studies have helped in identifying areas worthy for future ground water development. For exploration of ground water, CGWB has drilled various types of bore holes in the country. The types of bore holes drilled are Exploratory Well (EW), Observation Well (OW), Piezometers (PZ), Slim Hole (SH) and Deposit Well (DW). As on 31<sup>st</sup> December 2020, CGWB has drilled a total of 43,446 bore holes of various types in different parts of the country. The statement showing State-wise distribution of bore holes drilled till December, 2020 in the country is presented in Table T8.

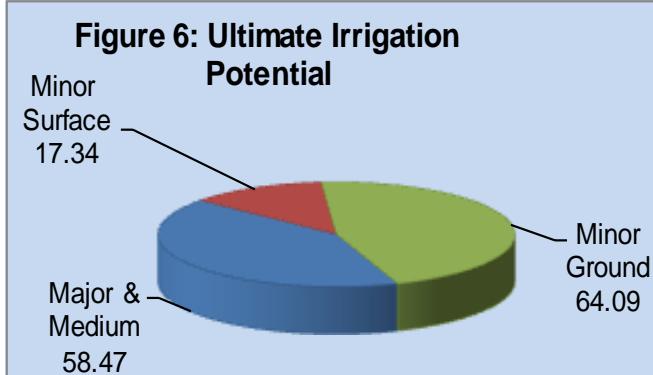
Table T8: Status of Bore Holes Drilled as on 31.12.2020

Sl. No.	State/UT	Exploratory Well (EW)	Observation Well (OW)	Piezometers (PZ)	Slim Hole (SH)	Deposit Well (DW)	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Andhra Pradesh	1290	526	307	9	4	2136
2	Arunachal Pradesh	46	10	0	1	1	58
3	Assam	453	221	59	16	42	791
4	Bihar	458	222	74	10	514	1278
5	Chhattisgarh	1136	269	266	0	28	1699
6	Goa	71	19	14	0	31	135
7	Gujarat	1512	594	498	27	255	2886
8	Haryana	483	327	309	23	170	1312
9	Himachal Pradesh	260	46	5	1	0	312
10	Jammu & Kashmir	503	119	37	8	114	781
11	Jharkhand	744	266	47	4	71	1132
12	Karnataka	2399	871	354	7	5	3636
13	Kerala	597	207	231	16	13	1064
14	Madhya Pradesh	1968	788	256	8	149	3169
15	Maharashtra	1821	559	255	2	166	2803
16	Manipur	29	14	1	0	2	46
17	Meghalaya	116	37	2	2	8	165
18	Mizoram	3	3	0	0	0	6
19	Nagaland	15	6	1	0	3	25
20	Orissa	2338	463	218	21	191	3231
21	Punjab	352	319	108	20	14	813
22	Rajasthan	2281	733	573	93	591	4271
23	Sikkim	31	9	0	0	0	40
24	Tamil Nadu	1793	640	457	13	93	2996
25	Tripura	64	31	1	5	22	123
26	Telangana	1147	607	509	5	27	2295
27	Uttarakhand	106	12	3	1	129	251
28	Uttar Pradesh	1721	940	206	40	501	3408
29	West Bengal	842	368	277	12	82	1581
30	Andaman & Nicobar	46	13	0	1	0	60
31	Chandigarh	9	18	14	2	15	58
32	Dadra & Nagar Haveli	14	1	0	0	0	15
33	Delhi	149	64	180	13	380	786
34	Daman & Diu	0	0	7	0	0	7
35	Puducherry	30	20	8	5	14	77
<b>Total</b>		<b>24827</b>	<b>9342</b>	<b>5277</b>	<b>365</b>	<b>3635</b>	<b>43446</b>

Source: Central Ground Water Board, D/o Water Resources, RD &amp; GR, M/o Jal Shakti

## 1.9 Irrigation Potential

The total Ultimate Irrigation Potential (UIP) of the country stands at about 140 Mha. The share of Minor Irrigation is higher by 22.96 Mha as compared to that of Major & Medium Irrigation. Ground Water contributes more than 78% of the total ultimate potential through minor irrigation. Uttar Pradesh and Bihar are the two largest States in terms of potential due to Major & Medium Irrigation Projects. These two States along with Andhra Pradesh, Madhya Pradesh, Maharashtra, Odisha, Gujarat, Haryana & Punjab account for about 75% of the total

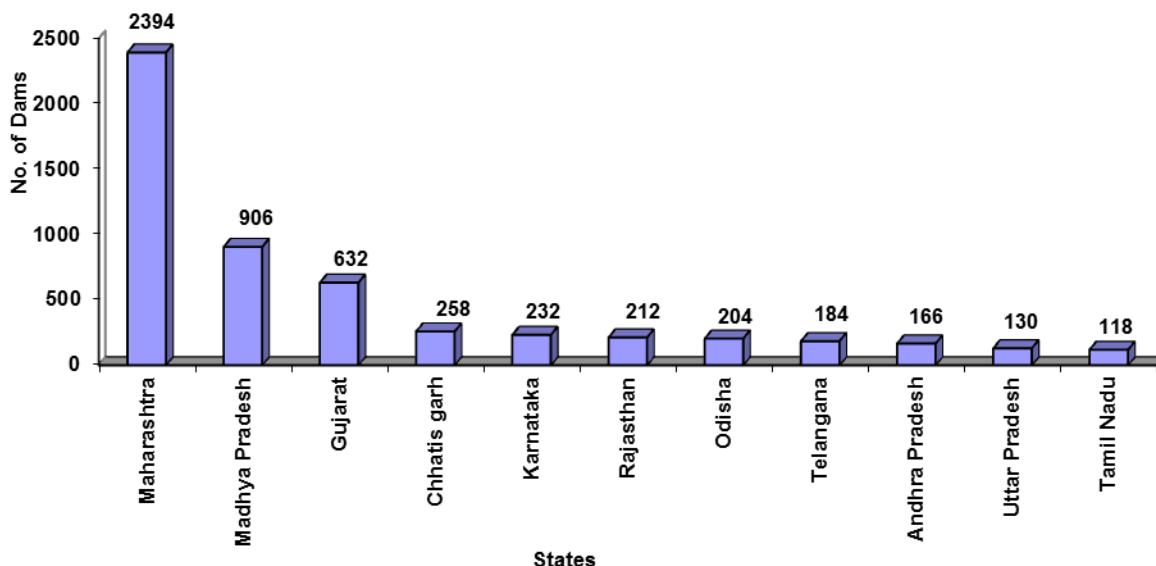


ultimate potential of Major & Medium Irrigation in the country. The largest UIP for Minor Irrigation (Ground Water) exists in Uttar Pradesh. Andhra Pradesh and Madhya Pradesh are the two major States in which potential of Minor Irrigation (Surface Water) is much higher than the remaining States. Uttar Pradesh occupies the first place among the States having maximum potential due to all types of schemes (Appendix table no.-1.8).

## 1.10 Dams Scenario

Central Water Commission maintains the National Register of Large Dams (NRLD). The State-wise distribution of number of dams is presented in Appendix Table no.1.9. It reveals that there are 5745 Dams in the country out of which 5334 are completed. The maximum number of dams completed in the country is in Maharashtra (2117) followed by Madhya Pradesh (899). The number of dams under construction is the highest in Maharashtra (277) followed by Jharkhand (24).

**Figure 7: Distribution of Large Dams**



International Commission on Large Dams (ICOLD) Specification:

- A large dam is classified as one with a maximum height of more than 15 m from its deepest foundation to the crest.
- A dam between 10 and 15 m in height from its deepest foundation is also included in the classification of a large dam provided it complies with one of the following conditions:
  - a) length of the crest of the dam is not less than 500 m or
  - b) the capacity of the reservoir formed by the dam is not less than one MCM or
  - c) the maximum flood discharge dealt with by the dam is not less than 2000 cubic metres per second or
  - d) the dam has specially difficult foundation problems, or
  - e) the dam is of unusual design

The distribution of dams by time period is given in Table T9. It indicates that the maximum number of dams in India was completed during the decades 1981-90 (1323) and 1971-80 (1304).

**Table T9: Break-up of Number of Completed Large Dams by Time Period**

Upto 1900	1901- 1950	1951- 1960	1961- 1970	1971- 1980	1981- 1990	1991- 2000	2001 & beyond	Year of cons. not available	Total
67	304	236	499	1304	1323	724	696	181	5334

Source: Dam Safety Monitoring Directorate, CWC, National Register of Large Dams

## 1.11 Land Use Statistics

In irrigation accounts the maximum utilisation of water, is pertinent to look at the irrigation statistics vis-à-vis availability of land in the country and its use especially in relation to water use. As per the Land use statistics available from the Ministry of Agriculture and Farmers Welfare at the national level, during 2017-18, about 22% area of the country is under forest cover and Net Sown Area is more than 42% of the total geographic area. Barren and unculturable waste land amount to about 5.2% and about 8.3% is under non-agricultural uses like houses, industries etc.

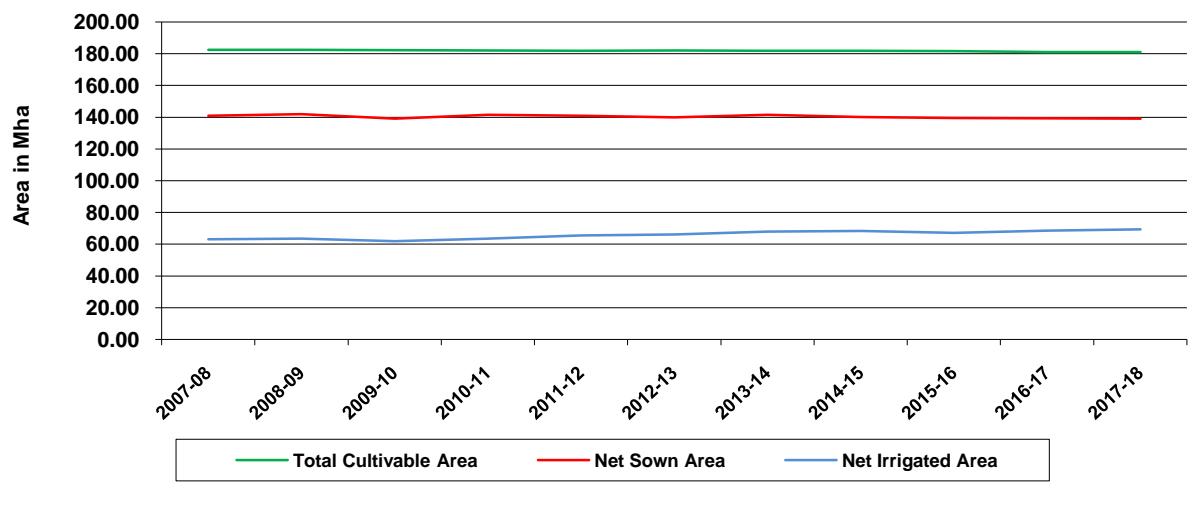
Over the period 2007-08 to 2017-18, the Forest Area moderately increased to 72,047 Th. Ha in 2017-18 while it was 71,529 Th. Ha in 2007-08. Total Cultivable Area has a declining trend except 2008-09 and 2012-13 after that it shows undulating trend. The Gross Irrigated Area was increasing over the said period except for year 2009-10. The percentage of Gross Irrigated Area over Gross Cropped Area/Gross Sown Area has improved from 45% in 2007-08 to 52% in 2017-18.

Year	Geogra- phical Area	Forest Area	Net Sown Area (NSA)	Total Cultivab- le Area (TCA)	Gross Sown Area (GSA)	Gross Irrigated Area (GIA)	(Th. Ha)
							Net Irrigated Area (NIA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2007-08	328726	71529	141016	182438	195223	88057	63189
2008-09(p)	328726	71543	141899	182459	195328	88895	63637
2009-10(p)	328726	71555	139173	182179	189188	85087	61945
2010-11(p)	328726	71593	141563	182010	197683	88940	63665
2011-12(p)	328726	71599	140980	181955	195796	91786	65707
2012-13(p)	328726	71571	139934	182086	194219	92244	66287
2013-14(p)	328726	71828	141426	181849	200951	95759	68117
2014-15(p)	328726	71756	140128	181829	198378	96754	68384
2015-16(p)	328726	71866	139506	181603	197054	96782	67300
2016-17(p)	328726	72020	139415	181133	200203	98148	68649
2017-18(p)	328726	72047	139181	181065	191988	100084	69478

Source: Directorate of Economics & Statistics, Ministry of Agriculture & Farmers Welfare

(p): Provisional

Figure 8 : Selected Land Use Statistics - All India



## 1.12 Irrigated Area under Principal Crops

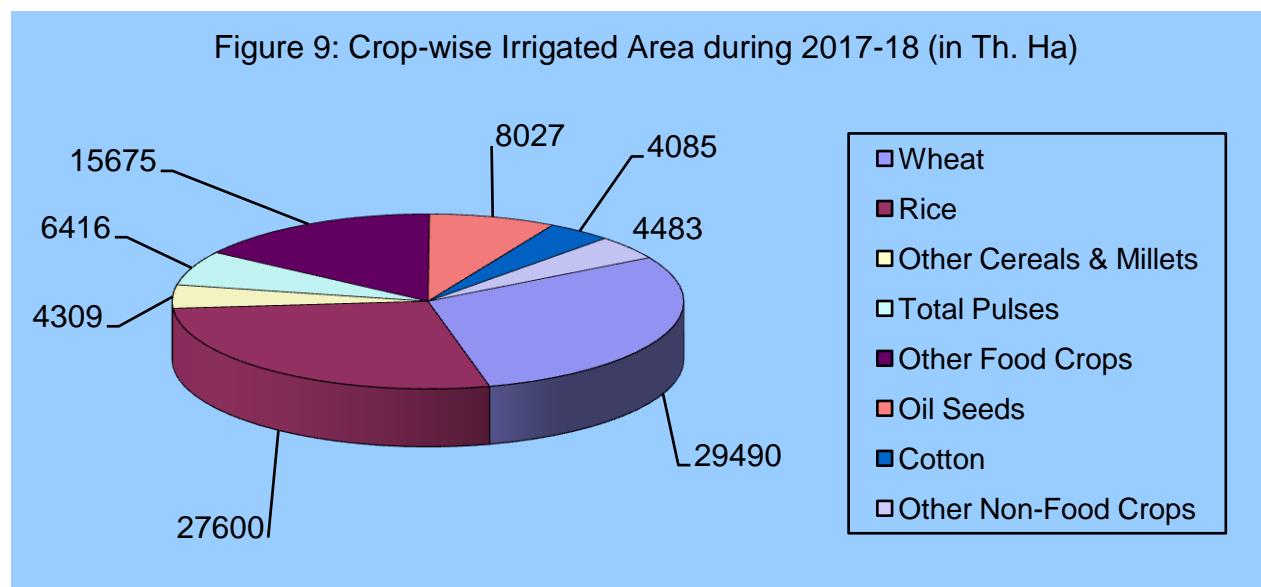
To have an idea about the quantum of water used for irrigation it is important to know the irrigated area under different crops as the requirement of water varies from crop to crop. The gross irrigated area for a few selected crops has been presented in the following Table T11. It shows that gross irrigated area during 2017-18 was 100.08 Mha.

Crop / Year	(Th. Ha)										
	2007-08	2008-09 (p)	2009-10 (p)	2010-11 (p)	2011-12 (p)	2012-13 (p)	2013-14 (p)	2014-15 (p)	2015-16 (p)	2016-17 (p)	2017-18 (p)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Wheat	26094	25694	26196	27654	28058	28503	29370	30260	29192	30353	29490
Rice	25218	26584	24205	25486	25582	24990	26503	26558	26083	26984	27600
Other Cereals & Millets	4247	4223	4047	4083	4132	4181	4399	4416	4208	4273	4309
Total Pulses	3952	3915	3659	3781	3777	4067	4688	4311	4398	4984	6416
Other Food Crops	13308	13060	12332	13145	14183	13975	14210	14544	16034	15487	15675
Oil Seeds	7787	8035	7228	7198	7731	8173	8219	7779	8057	7953	8027
Cotton	3534	3362	3590	3698	4369	4016	3868	4272	3941	3597	4085
Other Non-Food Crops	3916	4024	3831	3895	3954	4338	4503	4614	4870	4516	4483
<b>Total Gross Irrigated Area</b>	<b>88057</b>	<b>88895</b>	<b>85087</b>	<b>88940</b>	<b>91786</b>	<b>92244</b>	<b>95759</b>	<b>96754</b>	<b>96782</b>	<b>98148</b>	<b>100084</b>

Source: Directorate of Economics & Statistics, Ministry of Agriculture & Farmers Welfare

(p): Provisional

Among the cereals, it is observed that irrigated area under rice varied between 25.2 Mha to 27.6 Mha during the period 2007-08 to 2017-18. The irrigated area under wheat varies from 26.1 Mha to 30.4 Mha during the same period.



### 1.13 Sources of Irrigation and Area Irrigated

The main sources of irrigation in the country are canals, tanks and wells including tube-wells. These data are available from two sources. Ministry of Agriculture collects and compiles data on irrigated area by source at various levels - District/State /Country.

The erstwhile Planning Commission also collected data on Irrigation Potential Created (IPC) and Utilised (IPU) for major and medium irrigation projects. For Minor Irrigation schemes, D/o Water Resources, RD and GR, Ministry of Jal Shakti conducts a census on regular interval. These censuses provide IPC and IPU by source of irrigation. The last census was conducted in 2013-14. The sixth census is going on.

Analysing the data relating to net area irrigated by source for the year 2017-18, it is observed that the major source of irrigation is ground water. It was found that wells provided about 64.5% irrigation followed by canals with 22.6% at all- India level during 2017-18.

<b>Table T12: Source-wise Net Irrigated Area in India</b>					
(Th. Ha)					
<b>Year</b>	<b>Canal</b>	<b>Tank</b>	<b>Wells</b>	<b>Other Sources</b>	<b>Total (All Sources)</b>
(1)	(2)	(3)	(4)	(5)	(6)
2007-08 (p)	16748	1973	38360	6107	63189
2008-09 (p)	16881	1981	38755	6020	63637
2009-10 (p)	14975	1585	38360	7024	61945
2010-11 (p)	15646	1979	39172	6869	63665
2011-12 (p)	16008	1917	40537	7245	65707
2012-13 (p)	15677	1751	41306	7553	66287
2013-14 (p)	16283	1842	42439	7553	68117
2014-15 (p)	16184	1723	42960	7517	68384
2015-16 (p)	15178	1736	43117	7269	67300
2016-17 (p)	15669	1630	43953	7397	68649
2017-18 (p)	15720	1707	44792	7260	69478

Source: Directorate of Economics & Statistics Ministry of Agriculture & Farmers Welfare

### 1.14 Irrigation Development in the Country

Irrigation projects are classified as Major, Medium or Minor Irrigation projects. The Minor Irrigation projects (schemes) are further divided into two categories viz. Surface Water Schemes and Ground Water Schemes. Major and Medium Irrigation projects are generally surface water projects.

Analysing the data on potential created and utilised over different Plan periods, it is observed that irrigation potential created has increased from 22.60 Mha in pre-plan era to 113.53 Mha up to XI Plan.

**Table T13: Plan-wise Cumulative Irrigation Potential Created and Utilized up to XI Plan**

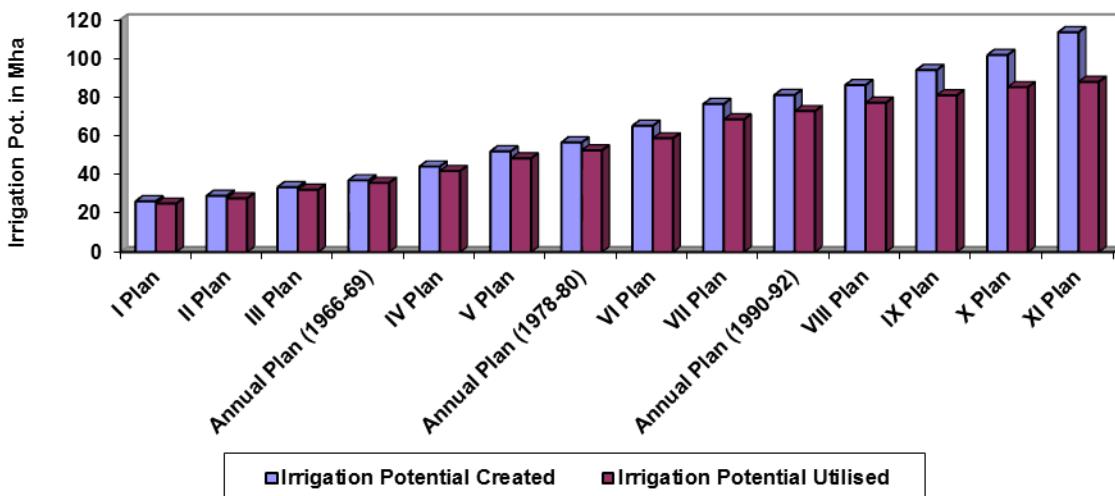
Sl. No.	Plan	Potential Created			Potential Utilised			(Mha)
		Major & Medium	Minor	Total	Major & Medium	Minor	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	Up to 1951 (Pre-Plan)	9.70	12.90	22.60	9.70	12.90	22.60	
2	I Plan (1951-56)	12.20	14.06	26.26	10.98	14.06	25.04	
3	II Plan (1956-61)	14.33	14.75	29.08	13.05	14.75	27.80	
4	III Plan (1961-66)	16.57	17.00	33.57	15.17	17.00	32.17	
5	Annual Plans (1966-69)	18.10	19.00	37.10	16.75	19.00	35.75	
6	IV Plan (1969-1974)	20.70	23.50	44.20	18.39	23.50	41.89	
7	V Plan (1974-1978)	24.72	27.30	52.02	21.09	27.30	48.39	
8	Annual Plans (1978-1980)	26.61	30.00	56.61	22.57	30.00	52.57	
9	VI Plan (1980-1985)	27.70	37.52	65.22	23.50	35.25	58.75	
10	VII Plan (1985-1990)	29.92	46.61	76.53	25.4	43.12	68.52	
11	Annual Plans (1990-1992)	30.74	50.35	81.09	26.25	46.54	72.79	
12	VIII Plan (1992-1997)	32.95	53.31	86.26	28.38	48.77	77.15	
13	IX Plan (1997-2002)	37.05	56.90	93.95	30.95	49.99	80.94	
14	X Plan (2002-2007)	41.64	60.10	101.74	33.68	51.48	85.16	
15	XI Plan (2007-2012)	47.97	65.56	113.53	35.01	52.91	87.92	

Source: Planning and Progress Directorate, PMO, CWC, M/o Jal Shakti

The percentage of potential utilised to potential created through Major & Medium Irrigation projects up to the end of XI Plan was 72.98%. As per irrigation potential utilised over different Plan periods, it is observed that the irrigation potential utilised was 22.60 Mha in pre-plan period which increased to 87.92 Mha by the end of XI Plan out of which 35.01 Mha is from Major and Medium projects and the remaining 52.91 Mha from Minor Irrigation schemes. The percentage of IPU to IPC up to VIII Plan remained 89% or more. However, the percentage started declining in subsequent plans. In IX, X and XI Plans it was around 86%, 84% and 77% respectively. Irrigation Potential created and utilised during plan period is presented in Appendix table no.-1.10.

Plan-wise cumulative irrigation potential created and utilised (all schemes) are shown in the following Figure 10:

**Figure 10: Plan-wise Cumulative Irrigation Potential Created & Utilised  
(All schemes of Major & Medium and Minor)**



Among the States, the potential created in respect of Major & Medium projects up XI Plan was highest in Uttar Pradesh (9.3 Mha) followed by Andhra Pradesh (4.8 Mha), Maharashtra (4.1 Mha), Gujarat (3.7 Mha) and Rajasthan (3.2 Mha) respectively. The total share of these five States was more than 52% in creation of total irrigation potential (Appendix Table no.-1.11).

The following table T14 gives Ultimate Irrigation Potential (UIP), IPC and IPU up to XI Plan of the States having percentage of IPU to IPC at least 75%.

<b>Table T14: Cumulative Irrigation Potential Created/ Utilised for Major &amp; Medium Irrigation up to XI Plan</b>				
States	Ultimate Irrigation Potential (UIP)	Irrigation Potential Created (IPC)	Irrigation Potential Utilised (IPU)	(Th. Ha) % of IPU to IPC
(1)	(2)	(3)	(4)	(6)
Chhattisgarh	1147	1269.3	948.2	75
Haryana	3000	2206.3	1893.2	86
Karnataka	2500	2965.8	2332.1	79
Kerala	1000	715.7	591.4	83
Odisha	3600	2147.4	1878.7	87
Punjab	3000	2684.4	2510.5	94
Rajasthan	2750	3167.1	2526.1	80
Tamil Nadu	1500	1578.3	1556.9	99
Uttar Pradesh	12154	9288.1	7824.4	84
West Bengal	2300	1901.4	1573.6	83
<b>All India</b>	<b>58465</b>	<b>47972.4</b>	<b>35007.3</b>	<b>73</b>

Source: Planning and Progress Directorate, PMO, CWC, M/o Jal Shakti

Analysing the data on potential utilisation at the end of XI Plan, it is found that about 73% of the potential created was utilised under Major & Medium irrigation projects at the All-India level. In case of Minor Irrigation, about 81% potential created was utilised. In a nutshell, at the end of XI Plan, if all the Major, Medium and Minor schemes are considered cumulatively, it is found that about 77% of the potential created has been utilised.

### **1.15 Number of Major, Medium Irrigation and ERM Projects**

Up to the XI Plan, there were 295 completed major projects and the number of major projects spilled over in XII Plan were 149 out of which maximum number of projects are in Maharashtra (49), followed by Andhra Pradesh (30) and Madhya Pradesh (15).

<b>Table T15: Number of Major, Medium &amp; ERM Irrigation Projects in India</b>			
Type of Project	Completed up to XI Plan	Spilled over Project in XII Plan	New Project in XII Plan
(1)	(2)	(3)	(4)
Major Projects	295	149	27
Medium Projects	1018	138	32
ERM Projects	140	39	27
<b>Total</b>	<b>1453</b>	<b>326</b>	<b>86</b>

Source: Planning and Progress Directorate, PMO, CWC, M/o Jal Shakti

Details distribution of number of Major, Medium & ERM projects that have been completed in XI Plan and spilled over XII Plan along with new projects taken in XII plan over different States are mentioned in the Appendix table no.-1.13.

### **1.16 Command Area Development & Water Management Programme**

Command Area Development& Water Management (CAD&WM) Programme primarily aims at the speedy utilisation of irrigation potential created. It is a centrally sponsored scheme started during 1974-75. Central Government offers assistance to the State Governments for implementation of various activities like land levelling, field channel, warabandi etc.

The details of Physical Achievements of Field Channels under CAD programme is presented in Appendix table no.-1.14.

## 1.17 INDIA – WRIS

India-WRIS portal (<https://indiawris.gov.in/wris/>) launched on 10<sup>th</sup> December, 2009, provides a single window solution for all water resources data and information in a standardized national GIS framework. It allows users to Search, Access, Visualize, Understand and Analyze comprehensive and contextual water data for the assessment, monitoring, planning and development of water resources in the context of Integrated Water Resources Management (IWRM). The data collection, collation and presenting it into the portal are continuous activities. These data have been collected from various Central organisations like CWC, CGWB, IMD, NRSC, SOI, NWDA etc. and State WRD, Irrigation Department, Electricity Boards etc.

India-WRIS is managed by the National Water Informatics Centre (NWIC), a subordinate office of Ministry of Jal Shakti which has been created upon Cabinet approval by the Ministry of Water Resources, River Development and Ganga Rejuvenation (now Jal Shakti) vide notification of March 28<sup>th</sup>, 2018 to be a repository of nation-wide water resources data, providing a ‘Single Window’ source of updated data on water resources & allied themes. NWIC’s mandate also is to provide value added products and services to all stake holders for its management and sustainable development.

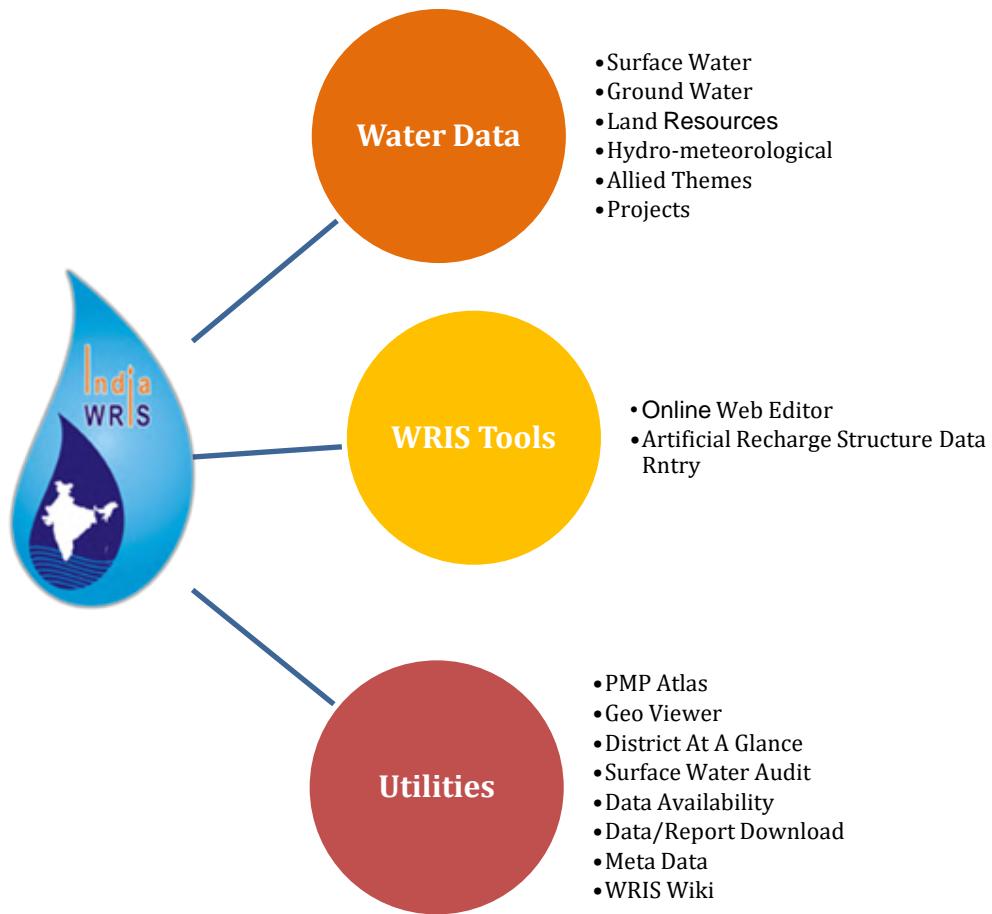
India-WRIS has 36 major layers of information both spatial and non-spatial having 114 sub layers generated on 1:50000 scale. The main layers developed under India-WRIS are Basin, Sub-Basin, Watershed, River, Water-body, Urban-rural Population Extents, Dams, Barrage/Weir/Anicut, Canals and Command Boundaries etc. These spatial layers have large number of attribute data of 5-100 years depending upon the theme. All unclassified data of CWC’s Hydrological Observation stations and CGWB ground water data is available in the portal for free download. The information system has dedicated Sub-Info systems for various components of surface water, ground water, hydro-meteorological, Land resources, Allied Themes, Projects and other administrative layers.

### 1.17.1 Data Availability in India-WRIS

 <p><b>Central Ground Water Board</b></p> <ul style="list-style-type: none"> <li>•Ground water observation well location and GW level</li> <li>•Ground water quality sites and data</li> <li>•Lithog well location and survey data</li> <li>•Ground water resource estimation</li> <li>•Aquifer systems</li> <li>•Basin-CGWB</li> </ul>	 <p><b>Central Water Commission</b></p> <ul style="list-style-type: none"> <li>•Hydrological Observation Stations</li> <li>•Surface Water Quality Stations</li> <li>•Reservoir level and storage</li> <li>•Glacial Lake and Water Body</li> <li>•Rainfall</li> <li>•WRP projects</li> <li>•Reservoir sedimentation studies</li> <li>•Shape files AIBP Canal , Command Area, Hydro Structure</li> <li>•PMP atlas-major basins</li> </ul>	 <p><b>National Remote Sensing Centre</b></p> <ul style="list-style-type: none"> <li>•ET and Soil moisture</li> <li>•Flood inundation maps.</li> <li>•LULC, Wasteland, Land degradation, wetlands</li> <li>•Waterlogged Area and Saline areas</li> <li>•Rainfall gridded data</li> <li>•Ground water prospects maps</li> <li>•Forest Cover – Classes</li> </ul>	 <p><b>Survey of India</b></p> <ul style="list-style-type: none"> <li>•Shape files of International Boundary</li> <li>•State Boundary</li> <li>•District Boundary</li> <li>•Village Boundary</li> <li>•Infrastructure Layers</li> </ul>
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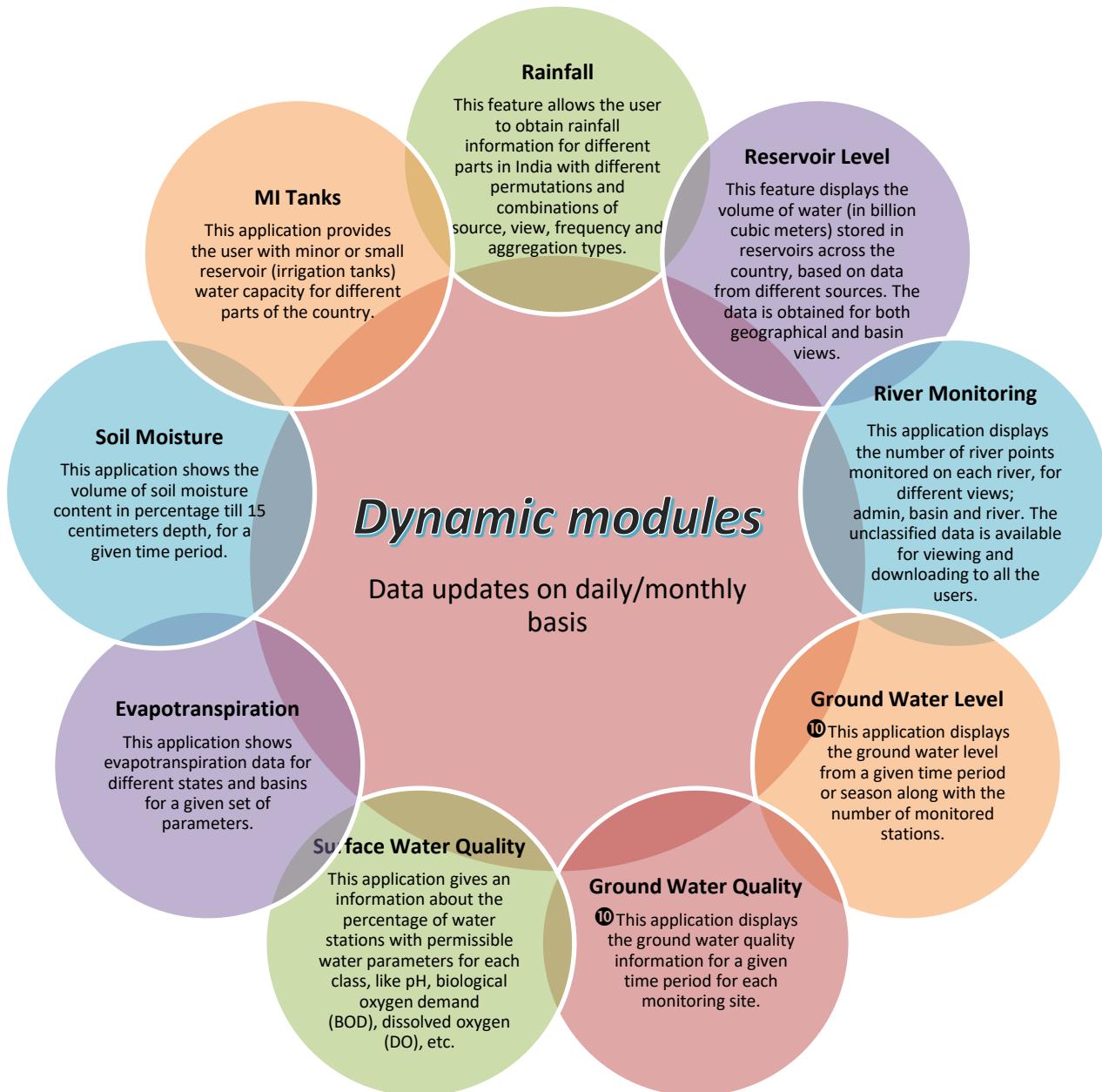


### 1.17.2 India-WRIS modules: 34 Modules, 2 Tools & 08 Utilities



### 1.17.3 Classification of Modules

#### 1.17.3.1 Dynamic Modules:



### 1.17.3.2 Semi Dynamic Modules:

**In Semi-Dynamic modules, the information gets updated in a periodic manner say once in every two year or more, based on the data type and its availability.**

#### Water Resources Projects:

The Water Resources Projects module provides information on irrigation, hydro-power and multi-purpose projects in India. It is a spatial inventory of the connected water resources structures, mapping the location of dams, barrages, weirs, anicuts, reservoirs, canals, command areas, hydropower plants and pumping stations.

#### Artificial Recharge Structure-Viewer:

The ARS-Viewer module is a data dissemination platform built with a focus to ease the information access of large database pertaining to artificial recharge structures in a structured manner. The user can view/download the data through map or in the form of tables

#### Groundwater Resource Estimation:

The module provides ground water resources assessment results as per Ground water estimation committee 1997(GEC-97) carried out jointly by Central Ground Water Board and State Ground Water Departments for year 2009, 2011, 2013 & 2017.

**Snow-Glacial Lake:**  
Snow cover/glacier lakes module provides facility for visualization and analysis of satellite data derived information pertaining to snow cover extent, glacial lakes & water bodies of the Indian Himalayan regions.

**LULC:**  
The system contains land use/land cover maps which have been prepared on 1:50000 scale by National Remote Sensing Centre (NRSC) in collaboration with various partner institutions using kharif, rabi and summer season Resourcesat -1 LISS III satellite data for the period 2005-06, 2011-12 & 2017-18.

**Inter-Basin Transfer Links:**  
This module contains a geo-database which has been prepared from detailed map sheets of NWDA. This module provides visualization of all the proposed links.

#### Minor irrigation Census:

This module depicts data of 5th & 4th Minor irrigation census. The module contains six layers at district level namely, absolute number of minor irrigation schemes, ground water and surface water schemes, number of five types of schemes, potential created, potential utilized and ultimate irrigation potential.

#### Storm Surge Study (2011):

The module helps in getting a first-hand idea of the coastal vulnerability which will be a preliminary required of any coastal developmental activities.

#### Inland Navigation Waterways:

The INW module provides a brief summary of all inland waterways along with the maps as well as all relevant information

#### Wasteland Study:

This module provides the results of the spatial extent mapping of the distribution of Wasteland using 2005-06 satellite data by National Remote Sensing Centre (NRSC) in collaboration with various partner institutions.

#### Wetlands:

This module offers visualization and the statistics of wetlands based on the unit wise selection done. The details are shown in table which can be downloaded in excel format.

### 1.17.3.3 Static Modules

**Static modules contain information resulting from a particular project/studies and hence its frequency of updation is not certain.**

**Exploration Details/Litholog:** This module offers bore locations with litholog and static water level data. The information of major lithology of aquifer in different zones (encountered / tapped) are also provided.

**Aquifer 2D (2013):** This module offers the area statistics of the entire country classified into 14 Principal Aquifer Systems and 42 Major Aquifers and their spatial variation.

**Reservoir Sedimentation studies:** This module offers the result of sediment study done using remote sensing method and hydrographic survey in different reservoirs spread across India.

**Surface Water Bodies:** Surface Water Bodies module offers the visualization of mapped water bodies across nation. The landing page offers a nationwide summary of the number of waterbodies in mentioned area classes.

**River Information:** This module offers various hydrological boundaries by different agencies. Basin, subbasin and watershed boundary along with river.

**Socio-Economic Census (2011):** The module compiles information on the hierarchy of Administrative boundaries along with settlement information for urban and rural sets.

**Flood Inundation (2008-10):** This contains the flood inundated satellite derived images for three years viz., 2008, 2009 and 2010 generated under "Disaster Management Programme" of National Remote Sensing Centre.

**Drought Affected Areas (2002):** This module offers the view of the Drought Information and Tribal Sub Plan Area under the section.

**Reported Extreme Temperature, Rainfall & Earthquake Events:** The Extreme Events module provides information of all destructing events caused due to water in its various forms and seismic activity.

**Groundwater Prospects Study (2011):** Ground Water Prospects map provides information regarding potential areas in terms of ground water availability (both quantity and quality).

**Agro-Climatic / Ecological Region:** This module shows the division of various agro-climatic and agro-ecological regions.

**Soil Type:** This sub info system displays soil layer for entire country. It represents variation of soils in terms of texture, depth, slope, erosion and productivity.

**Land Degradation (2005-06):** This sub info system contains land degradation layer currently available for 8 states only. It represents areas under various forms of land degradation processes, its type and severity level.

**Water Logging/Soil Salinity (2003-05):** This module contains the statistics of area of waterlogging and soil salinity under major and medium commands in different State's India along with chart view.

#### 1.17.3.4 WRIS Tools

- **Online Web Editor**

This module has been designed to provide a platform for the state agencies to upload the water resources information for further dissemination at India-WRIS platform.

- **Artificial Recharge Structure-Data Entry**

The ARS Data Entry module facilitates user agencies/ Nodal departments (Central/ State/ UTs/ Other) to populate the information pertaining to all the existing artificial recharge structures constructed under various schemes through authorized user login and the information collected is disseminated to public through India-WRIS web portal.

#### 1.17.3.5 Utilities

- **PMP Atlas**

The PMP module is based on the PMP Atlas of River Basin prepared by CWC. This module enables user to compute PMP for an area between 25 to 20,000 Sq. km, generate Storm Isohyetal Map & compute 1-Day, 2-Day & 3-Day Maximum Rainfall for an area of interest. The Atlas also covers very useful information such as patterns of key storms along with their synoptic situations, rainfall statistics at various stations and for various river basins, temporal distribution patterns of rainfall etc. that shall be very useful even for carrying the detailed storm analysis for a project.

- **Geo Viewer**

Geo-viewer enables geographic visualization that deals solely with displaying information that has a geospatial component to it. It is a common window to most of the spatial layers to be seen altogether so as to get a whole picture of the data collected.

- **District at a Glance**

District information system provides district wise water resources information at a glance.

- **Surface Water Audit**

This application shows a report containing information about excess and low water storage in different parts of the country defined by the state or basin boundaries.

- **Data Availability**

This module provides the availability of time series data of surface and ground water for both telemetry and manual stations as per State/Agency/Basin selection.

- **Data/Report Download**

This module offers download of time series data for one year at a time for different water themes i.e. Ground water Level, River Monitoring stations Level and flow, Reservoir, Rainfall and Water Quality.

- **Meta Data**

Metadata module offers information about the different GIS layers, its source, Citation and other details.

- **WRIS Wiki**

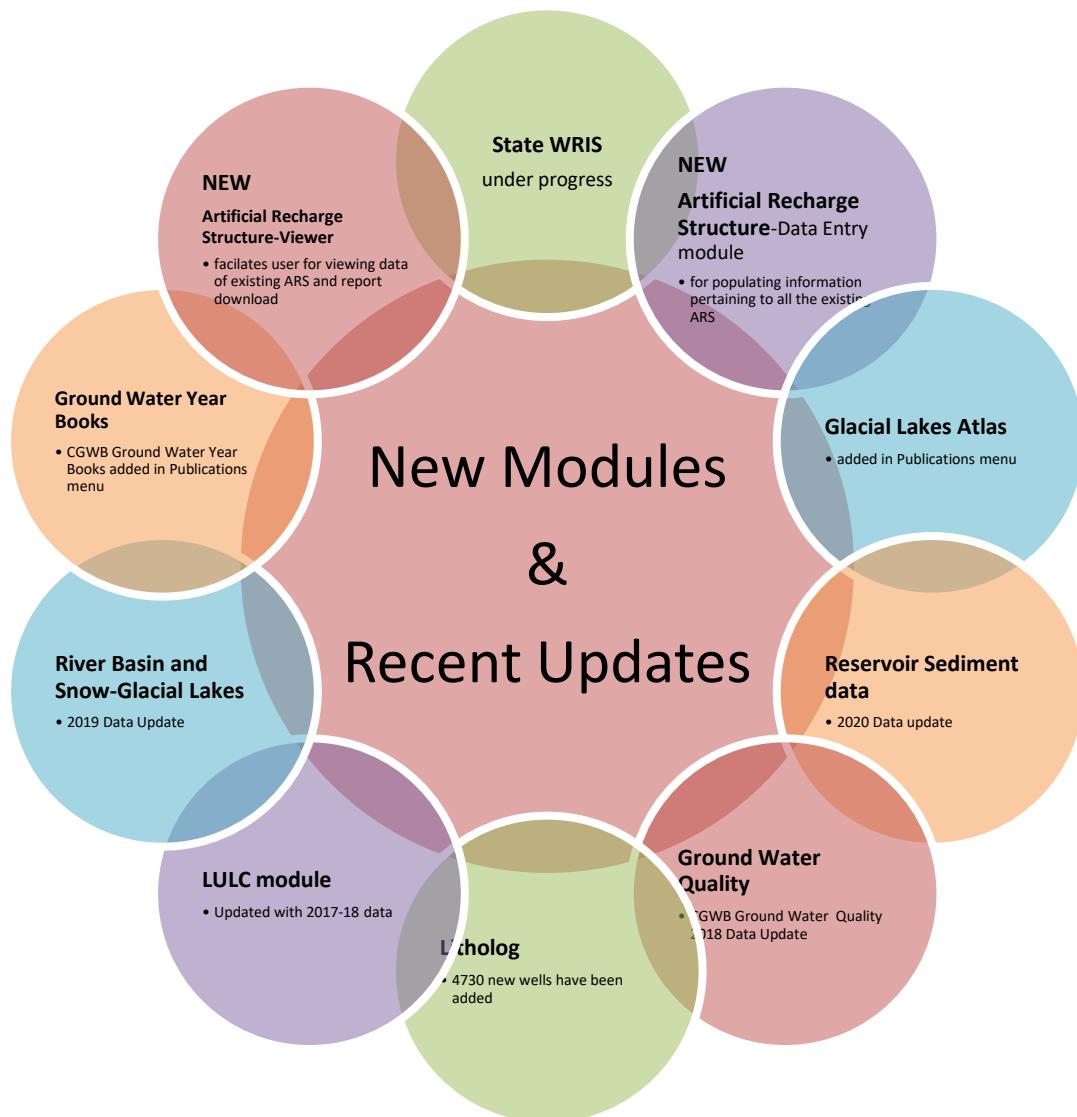
WRIS Wiki is a collaborative knowledge sharing web interface for exploring, sharing updated information regarding the various aspects of the water resources of the nation in textual format.

### 1.17.3.6 Publications

The organizations working in the water and allied theme sector prepared and published reports time to time. These publications have been collected and placed under the publications section of India-WRIS along with the India-WRIS project documents and pre-generated maps for easy and handy access to the users.

- Project Documents
- Basin Reports
- Atlas
- Pre generated Maps
- Water logging and Salinity Assessment
- Wasteland Distribution Atlas
- Ground Water Year Book

### 1.17.4 Development of New Modules & Recent Updates in India-WRIS



## 1.18 National Projects

Government of India approved a scheme of National Projects for implementation during XI Plan with a view to expedite completion of identified National projects for the benefit of the people. Such Projects are provided financial assistance of 90% of the cost of irrigation & drinking water component (as per original Guideline) of the project as Central assistance by the Government of India in the form of Central grant for their completion in a time bound manner. The proposal for continuation of Scheme of National Project in XII Plan was approved by CCEA on 12.09.2013. As per the approval, Central assistance was to be provided as 75% and 90% of the cost of balance works of Irrigation and Drinking Water Component for Projects of Non-Special Category State and Special Category States, respectively. However, under the scheme of PMKSY, to which AIBP including National Projects has also been made a component, the proportion of Central share from 2016-17 onwards has been reduced to 60% except in case of projects in eight North Eastern States and three Himalayan States which will continue to get 90% of the cost as Central grant.

The criteria for selection of National Projects are as under:

1. International projects where usage of water in India is required by a treaty or where planning and early completion of the project is necessary for the interest of the country.
2. Inter-State projects which are dragging on due to non-resolution of Inter-State issues relating to sharing of costs, rehabilitation, aspects of power production etc., including river interlinking projects.
3. Intra State projects with additional potential of more than 2 Lakh Ha and with no dispute regarding sharing of water and where hydrology is established.
4. Extension, Renovation and Modernization (ERM) projects envisaging restoration of lost irrigation potential of 2 Lakh Ha or more would be eligible for inclusion as a National Project subject to:
  - i. The Command Area Development & Water Management (CAD&WM) works shall be ensured in the entire command area of the ERM project.
  - ii. The CAD&WM works shall be taken up simultaneously with the ERM works so as to facilitate achievement of the benchmark efficiency for water use.
  - iii. The management of command area system by Water Users' Association (WUAs) after the ERM works will be necessary. The WUAs may be entrusted with the responsibility for the collection of irrigation service fees and for undertaking annual repairs by retaining a part of the fee collected.
  - iv. Independent evaluation of the project will be carried out after project implementation and the project should achieve the benchmark water use efficiency in practice as prescribed by Central Water Commission.

The 4<sup>th</sup> criteria for selection of National Projects were included on 28.09.2012 by the letter of D/o WR, RD & GR, M/o Jal Shakti.

New Projects could be considered for inclusion under the scheme of National Projects on receipt of proposals in the prescribed format from the State Governments after investment clearance from the Competent Authority, clearance from Expenditure Finance Committee/Project Investment Board on the recommendation there upon of the High Powered Steering Committee constituted for the purpose of overseeing the entire process of selection and implementation of National Projects and approval by the Union Cabinet.

An ERM Project of a State Government may be included in the scheme of National Projects only on completion of one ERM Project already being funded in the State under the category of National Projects.

The Government of India initially declared 14 projects as National Projects in February, 2008. Later, Cabinet Committee on Infrastructure approved inclusion of Saryu Nahar Pariyojana in the scheme of National Project on 3<sup>rd</sup> August, 2012. Polavaram Irrigation Project was included under the scheme of National Projects vide Gazette notification dated 01.03.2014.

Five projects, viz Indira Sagar Polavaram Project (Andhra Pradesh), Gosikhurd Irrigation Project (Maharashtra), Shahpurkandi Dam Project (Punjab), Saryu Nahar Pariyojana (Uttar Pradesh) and Teesta Barrage Project (West Bengal) are under execution and have started receiving funds under the scheme of National Projects. Goshikhurd Irrigation Project has been provided a grant amounting to Rs. 3487.38 Cr up to March, 2021. Further Central assistance of Rs. 29.562 has been sanctioned during 2020-21. Shahpur Kandi Projects have been provided grant released under AIBP as Rs. 29.85 Cr and under NP as Rs. 145.565 Cr up to March, 2021. Further Central assistance of Rs. 69.581 Cr has been sanctioned during 2020-21. Teesta Barrage Project started receiving funds under the scheme of National Project during 2010-11 and grant amounting to Rs. 178.20 Cr has been provided for the project till March, 2021. Saryu Nahar Pariyojana started receiving funding under the scheme of National Project during 2012-13 and an amount of Rs. 2243.1 Cr has been released up to March, 2021. The Indira Sagar Polavaram Irrigation Project started receiving funding under the scheme of National Project during 2014-15 and an amount of Rs. 10848.988 Cr has been released up to March 2021. Further Central assistance of Rs 333.068 Cr has been sanctioned during 2020-21. Saryu Nahar Pariyojana (Uttar Pradesh) and Gosikhurd Irrigation Project (Maharashtra) have been included under the 99 Priority project under PMKSY-AIBP.

Lakhwar Multipurpose Project (Uttarakhand) was accepted by the Advisory Committee of M/o Jal Shakti, D/o WR, RD & GR in its 116<sup>th</sup> meeting held in December, 2012. The project was considered acceptable for investment for an amount of Rs. 3966.51 Cr by Investment Clearance Committee (under the Chairmanship of the Secretary, M/o Jal Shakti, D/o WR, RD & GR) in its meeting held on 24.02.2016. Revised Cost Estimate of Lakhwar Project amounting to Rs. 5747.17 Cr (PL July, 2018) has been accepted in 141<sup>st</sup> meeting of the Advisory Committee of D/o WR, RD & GR, M/o Jal Shakti held on 11.02.2019.

Ujh Multipurpose project (J&K) the project was agreed "In Principle" by the Advisory Committee of D/o WR, RD & GR, M/o Jal Shakti in its 131<sup>st</sup> Meeting held on 17.11.2016 at New Delhi. However, the issue of large submergence by the project was also discussed. After discussion in detail and deliberation, it was decided that a team consisting of concerned officers from CWC and other experts shall visit the project site/area and explore the alternate options with reduced

submergence/displacement along with minimum loss of power and irrigation benefits, so that the potential of east flowing river may be fully utilised, as envisaged in Indus Water Treaty. The team visited the project in March, 2017 and submitted its report on May, 2017 with suggestion for reduction in Full Reservoir Level of Dam by 6 m. J&K framed a modified DPR for inclusion of the additional CCA of 23973 Ha other than existing 16743 Ha approved in 139<sup>th</sup> TAC and the project was accepted in 144<sup>th</sup> meeting of TAC held on 08.05.2020 for estimated cost of Rs. 9167 Cr at PL December, 2019.

Renuka Dam Project (Himachal Pradesh) has been accepted by the Advisory Committee of M/o Jal Shakti, D/o WR, RD & GR in its 132<sup>nd</sup> Meeting held on 06.03.2017 at New Delhi. The Revised estimated cost of Rs. 6946.99 Cr (PL October, 2018) accepted by the Advisory Committee in its 143<sup>rd</sup> meeting held on 09.12.2019.

Four projects, viz Kishau MPP (HP and UK), Noa-Dihing Dam Project (Arunachal Pradesh), Kulsi Dam Project (Assam) and Bursar Project (J&K) are under appraisal in CWC/CEA. Further, Appraisal of Phase-1 of the Ken-Betwa Link Project (MP & UP) has been completed and Phase-II of the Ken-Betwa Link Project (MP & UP) including Comprehensive DPR is under Appraisal.

Three projects, namely, Upper Siang Project (Arunachal Pradesh) and Gyspa Project (Himachal Pradesh) and 2<sup>nd</sup> Ravi Beas Link Project (Punjab) are at DPR / PFR stage.

Status of 16 National Projects is presented in Appendix table no.-1.15.

### **High-Powered Steering Committee**

The Union Cabinet in its meeting held on 7<sup>th</sup> Feb, 2008, constituted a 'High Powered Steering Committee for Implementation of the Proposals of National Projects' with the Secretary (M/o Jal Shakti, D/o WR, RD & GR) as Chairman and Chief Engineer (PPO), CWC as Secretary. The terms of reference of the Committee are as under:

- i. To recommend implementation strategies for National Projects.
- ii. To monitor implementation of National Projects.
- iii. To examine the proposal for inclusion of new projects as National Projects and make appropriate recommendation to the Government.

Twelve meetings of High-Powered Steering Committee for implementation of National projects have been held so far. The last meeting was held on 24<sup>th</sup> November, 2020.

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# **Appendix-1**



Table 1.1: Per Capita Average Annual Availability of Water in India during 2025 &amp; 2050

Sl. No.	River Basin	Average Annual Water Resources Potential (BCM)\$	Estimated Population (Million)#+		Estimated per Capita Average Water Availability (cum)	
			2025	2050	2025	2050
1	2	3	4	5	6	7
1	Indus (up to Border)	45.53	69.2	81.41	657.95	559.27
2	Ganga-Brahmaputra-Meghna					
	a) Ganga	509.52	593.04	697.69	859.17	730.30
	b) Brahmaputra	527.28	48.06	56.54	10971.29	9325.79
	c) Barak & others	86.67	10.24	12.05	8463.87	7192.53
3	Godavari	117.74	89.18	104.92	1320.25	1122.19
4	Krishna	89.04	100.41	118.13	886.76	753.75
5	Cauvery	27.67	48.39	56.93	571.81	486.04
6	Subernarekha	15.05	15.52	18.26	969.72	824.21
7	Brahamani & Baitarni	35.65	16.18	19.04	2203.34	1872.37
8	Mahanadi	73	43.93	51.68	1661.73	1412.54
9	Pennar	11.02	16.02	18.85	687.89	584.62
10	Mahi	14.96	17.34	20.4	862.75	733.33
11	Sabarmati	12.96	17.34	20.4	747.40	635.29
12	Narmada	58.21	24.28	28.56	2397.45	2038.17
13	Tapi	26.24	24.44	28.75	1073.65	912.70
14	West Flowing Rivers from Tapi to Tadri	118.35	42.61	50.13	2777.52	2360.86
15	West Flowing Rivers from Tadri to Kanyakumari	119.06	53.84	63.34	2211.37	1879.70
16	East Flowing Rivers between Mahanadi & Pennar	26.41	38.97	45.85	677.70	576.01
17	East Flowing Rivers between Pennar and Kanyakumari	26.74	74.32	87.43	359.80	305.84
18	West Flowing Rivers of Kutch and Saurashtra including Luni	26.93	36.5	42.94	737.81	627.15
19	Area of Inland drainage in Rajasthan		11.73	13.79	-	-
20	Minor River draining into Myanmar (Burma) & Bangladesh	31.17	2.48	2.91	12568.55	10711.34
<b>Total</b>		<b>1999.2</b>	<b>1394.02</b>	<b>1640</b>	<b>1434.13</b>	<b>1219.02</b>

Source: B.P. Directorate, CWC, M/o Jal Shakti

\$: Reassessment of Water Availability in India using Space Inputs, 2019, CWC.

#: Report of the Standing Sub-Committee for assessment of availability and requirement of water for diverse uses in the country, August, 2000

**Table 1.2: Basin-wise Storage in India**

Sl. No	Basin Code	Basin Name	Average Annual Flow (BCM)	Total Live Storage Capacity (BCM)			
				Completed Projects	Under Construction Projects	Total	% of Average Annual Flow
1	2	3	4	5	6	7	8
1	1	Indus	45.53	16.223	0.100	16.323	35.85
2	2a	Ganga	509.52	48.677	7.649	56.326	11.05
3	2b	Brahmaputra	527.28	1.718	0.795	2.513	0.48
4	2c	Barak & others	86.67	0.719	9.172	9.891	11.41
5	3	Godawari	117.74	35.040	8.412	43.452	36.90
6	4	Krishna	89.04	50.651	4.156	54.807	61.55
7	5	Cauvery	27.67	9.083	0.015	9.098	32.88
8	6	Subernrekha	15.05	0.309	2.150	2.459	16.34
9	7	Brahmini & Baitrani	35.65	5.554	0.703	6.257	17.55
10	8	Mahanadi	73.00	13.066	1.461	14.527	19.90
11	9	Pennar	11.02	2.938	2.141	5.079	46.09
12	10	Mahi	14.96	5.017	0.150	5.167	34.54
13	11	Sabarmati	12.96	1.577	0.109	1.686	13.01
14	12	Narmada	58.21	21.816	2.641	24.457	42.01
15	13	Tapi	26.24	9.137	1.558	10.695	40.76
16	14	West Flowing Rivers from Tapi to Tadri	118.35	14.668	2.430	17.098	14.45
17	15	West Flowing Rivers from Tadri to Kanyakumari	119.06	11.023	1.416	12.439	10.45
18	16	East Flowing Rivers between Mahanadi & Pennar	26.41	2.676	1.181	3.857	14.60
19	17	East Flowing Rivers between Pennar & Kanyakumari	26.74	1.441	0.015	1.456	5.45
20	18	West Flowing Rivers of Saurashtra and Kutch including Luni	26.93	6.336	0.511	6.847	25.43
21	19	Area of Inland drainage in Rajasthan	0.00	0.000	0.000	0.000	0.00
22	20	Minor Rivers Draining into Myanmar and Bangladesh	31.17	0.14358	0.000	0.14358	0.46
23	20 a	Area of North Ladakh not draining into Indus	0.00	0.000	0.000	0.000	0.00
<b>Total</b>			<b>1999.20</b>	<b>257.812</b>	<b>46.765</b>	<b>304.577</b>	

Source: Water Management Directorate, CWC, M/o Jal Shakti

**Table 1.3: State-wise Live Storage Capacity**

<b>Sl. No</b>	<b>States / UTs</b>	<b>Total Live Storage Capacity (BCM)</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Andaman & Nicobar Islands	0.019
2	Arunachal Pradesh	0.000
3	Andhra Pradesh (Erstwhile)	28.716
4	Assam	0.012
5	Bihar	2.613
6	Chhattisgarh	6.736
7	Goa	0.290
8	Gujarat*	22.553
9	Himachal Pradesh	13.792
10	Jammu & Kashmir	0.029
11	Jharkhand	2.436
12	Karnataka	31.903
13	Kerala	9.768
14	Maharashtra	37.358
15	Madhya Pradesh	33.075
16	Manipur	0.532
17	Meghalaya	0.479
18	Nagaland	1.220
19	Odisha	24.032
20	Punjab	2.402
21	Rajasthan	9.708
22	Sikkim	0.007
23	Tamil Nadu	7.859
24	Tripura	0.312
25	Uttarakhand	5.670
26	Uttar Pradesh	14.263
27	West Bengal	2.027
28	Mizoram	0.000
<b>Total</b>		<b>257.812</b>

Source: Water Management Directorate, CWC, M/o Jal Shakti

Note: \* Reconciliation of Live Storage Capacities of Reservoirs is under process.

The above figures are as furnished/ made available to CWC as on 01.12.2017.

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Capacity at FRL (BCM)	As per Bulleting dated 06.06.2019			As per Bulleting dated 13.06.2019			As per Bulleting dated 20.06.2019			As per Bulleting dated 27.06.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	0.825	0.719	0.761	0.823	0.723	0.771	0.815	0.724	0.785	0.809	0.725	0.775
*2	Nagarjuna Sagar	AP/TG	6.841	0	0.082	0.891	0	0.072	0.892	0	0.068	0.899	0	0.063	0.91
3	Somasila	AP	1.994	0.09	0.342	0.549	0.087	0.339	0.504	0.082	0.336	0.496	0.077	0.335	0.471
4	Sriramsagar	TG	2.3	0.165	0.185	0.269	0.162	0.24	0.271	0.159	0.294	0.274	0.157	0.288	0.272
5	Lower Manair	TG	0.621	0.11	0.102	0.136	0.107	0.101	0.135	0.104	0.1	0.134	0.102	0.098	0.133
6	Tenughat	JHAR	0.821	0.298	0.303	0.272	0.295	0.277	0.269	0.291	0.243	0.28	0.301	0.234	0.276
7	Maithon	JHAR	0.471	0.081	0.118	0.115	0.073	0.119	0.106	0.066	0.119	0.114	0.065	0.136	0.133
*8	Panchet Hill	JHAR	0.184	0.054	0.036	0.074	0.044	0.081	0.069	0.031	0.11	0.084	0.026	0.121	0.084
9	Konar	JHAR	0.176	0.031	0.033	0.057	0.027	0.032	0.054	0.026	0.03	0.055	0.027	0.03	0.055
10	Tilaiya	JHAR	0.142	0.002	0.008	0.024	0.001	0.009	0.024	0	0.01	0.025	0	0.017	0.027
*11	Ukai	GUJ	6.615	0.254	0.703	1.371	0.233	0.633	1.31	0.213	0.599	1.298	0.198	0.568	1.302
12	Sabarmati (Dharoi)	GUJ	0.735	0.066	0.1	0.11	0.062	0.097	0.104	0.058	0.092	0.1	0.054	0.089	0.106
*13	Kadana	GUJ	1.472	0.501	0.591	0.679	0.481	0.573	0.628	0.494	0.567	0.655	0.49	0.533	0.64
14	Shetrunjji	GUJ	0.3	0.021	0.039	0.028	0.02	0.039	0.025	0.019	0.036	0.029	0.018	0.035	0.053
15	Bhadar	GUJ	0.188	0.003	0.025	0.021	0.003	0.024	0.014	0.003	0.022	0.021	0.006	0.02	0.033
16	Damanaganga	GUJ	0.502	0.026	0.101	0.061	0.023	0.088	0.052	0.019	0.073	0.053	0.016	0.124	0.073
17	Dantiwada	GUJ	0.399	0.02	0.065	0.01	0.019	0.064	0.011	0.019	0.064	0.012	0.018	0.063	0.011
18	Panam	GUJ	0.697	0.241	0.243	0.259	0.239	0.241	0.245	0.237	0.239	0.257	0.237	0.243	0.26
*19	Sardar Sarovar	GUJ	5.76	1.269	0	0.629	1.211	0	0.585	1.165	0	0.566	1.172	0	0.442
20	Karjan	GUJ	0.523	0.168	0.196	0.163	0.155	0.18	0.154	0.148	0.171	0.148	0.148	0.173	0.151
*21	Gobind Sagar (Bhakra)	HP	6.229	2.778	0.36	1.418	2.703	0.586	1.536	2.588	0.626	1.56	2.519	0.365	1.563

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Capacity at FRL (BCM)	As per Bulleting dated 06.06.2019			As per Bulleting dated 13.06.2019			As per Bulleting dated 20.06.2019			As per Bulleting dated 27.06.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*22	Pong Dam	HP	6.157	2.336	0.539	1.245	2.275	0.581	1.284	2.191	0.502	1.228	2.072	0.382	1.225
23	Krishnaraja Sagra	KAR	1.163	0.19	0.142	0.09	0.185	0.272	0.105	0.18	0.606	0.148	0.177	0.654	0.208
*24	Tungabhadra	KAR	3.276	0.068	0.123	0.322	0.064	0.15	0.386	0.06	0.698	0.497	0.056	0.796	0.671
25	Ghataprabha	KAR	1.391	0.014	0.12	0.056	0.013	0.12	0.058	0.011	0.138	0.074	0.009	0.148	0.101
26	Bhadra	KAR	1.785	0.267	0.117	0.322	0.265	0.184	0.338	0.249	0.479	0.405	0.223	0.562	0.474
27	Linganamakki	KAR	4.294	0.513	0.56	0.585	0.464	0.76	0.577	0.404	0.949	0.611	0.376	1.042	0.685
28	Narayanpur	KAR	0.863	0.221	0.353	0.263	0.225	0.379	0.274	0.222	0.377	0.289	0.238	0.371	0.294
29	Malaprabha (Renuka)	KAR	0.972	0.033	0.049	0.049	0.03	0.047	0.048	0.024	0.061	0.051	0.02	0.063	0.061
30	Kabini (Sancherla Tank)	KAR	0.444	0.067	0.086	0.038	0.059	0.266	0.056	0.063	0.414	0.09	0.072	0.403	0.149
31	Hemavathy	KAR	0.927	0.098	0.142	0.073	0.097	0.337	0.101	0.098	0.526	0.143	0.101	0.581	0.211
32	Harangi	KAR	0.22	0.031	0.007	0.03	0.031	0.064	0.038	0.033	0.086	0.051	0.035	0.106	0.081
33	Supa	KAR	4.12	1.24	1.342	0.891	1.224	1.39	0.922	1.19	1.37	0.912	1.177	1.39	0.851
34	Vanivilas Sagar	KAR	0.802	0.01	0.008	0.092	0.011	0.008	0.091	0.01	0.007	0.091	0.009	0.006	0.09
*35	Almatti	KAR	3.105	0.293	0.269	0.196	0.278	0.266	0.205	0.263	0.285	0.296	0.256	0.321	0.47
*36	Gerusoppa	KAR	0.13	0.109	0.107	0.107	0.107	0.108	0.103	0.094	0.087	0.1	0.109	0.108	0.101
37	Kallada (Parappar)	KRL	0.507	0.187	0.31	0.128	0.183	0.334	0.141	0.173	0.36	0.154	0.176	0.374	0.17
*38	Idamalayar	KRL	1.018	0.09	0.129	0.146	0.082	0.206	0.153	0.079	0.309	0.181	0.079	0.376	0.227
*39	Idukki	KRL	1.46	0.259	0.361	0.272	0.234	0.508	0.291	0.212	0.589	0.326	0.204	0.649	0.377
*40	Kakki	KRL	0.447	0.051	0.114	0.091	0.044	0.173	0.096	0.037	0.21	0.108	0.037	0.222	0.127
*41	Periyar	KRL	0.173	0.021	0.04	0.037	0.022	0.095	0.044	0.021	0.101	0.049	0.022	0.097	0.058

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Capacity at FRL (BCM)	As per Bulleting dated 06.06.2019			As per Bulleting dated 13.06.2019			As per Bulleting dated 20.06.2019			As per Bulleting dated 27.06.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
42	Malampuzha	KRL	0.224	0.024	0.035	0.043	0.024	0.067	0.05	0.024	0.087	0.059	0.026	0.096	0.066
*43	Gandhi Sagar	MP	6.827	0.03	1.147	1.264	0.03	1.133	1.222	0	1.125	1.289	0	1.114	1.518
44	Tawa	MP	1.944	0.136	0.173	0.359	0.133	0.178	0.366	0.133	0.181	0.375	0.13	0.184	0.423
*45	Bargi	MP	3.18	1.104	1.369	0.638	1.071	1.318	0.577	1.044	1.286	0.528	1.023	1.238	0.53
*46	Bansagar	MP	5.166	3.419	2.194	1.871	3.419	2.171	1.816	2.696	2.171	1.771	2.583	2.159	1.766
*47	Indira Sagar	MP	9.745	2.459	1.812	1.128	2.333	1.694	0.991	2.254	1.613	0.874	2.205	1.558	0.832
48	Barna	MP	0.456	0.003	0.022	0.07	0.003	0.02	0.069	0	0.019	0.075	0	0.019	0.074
*49	Minimata Bangoi	CHH	3.046	1.399	1.548	1.477	1.391	1.541	1.488	1.38	1.54	1.501	1.385	1.537	1.536
50	Mahanadi	CHH	0.767	0.128	0.206	0.168	0.12	0.208	0.171	0.112	0.206	0.181	0.128	0.2	0.175
51	Jayakwadi (Paithon)	MAH	2.171	0	0.523	0.195	0	0.504	0.184	0	0.487	0.175	0	0.471	0.162
*52	Koyana	MAH	2.652	0.268	0.642	0.561	0.214	0.63	0.54	0.2	0.599	0.574	0.159	0.651	0.692
53	Bhima (Ujjani)	MAH	1.517	0	0	0.041	0	0	0.039	0	0	0.052	0	0	0.058
54	Isapur	MAH	0.965	0.007	0	0.159	0	0	0.153	0	0	0.167	0	0.006	0.174
55	Mula	MAH	0.609	0.02	0.021	0.033	0.017	0.009	0.026	0.014	0.008	0.024	0.009	0.007	0.025
56	Yeldari	MAH	0.809	0	0	0.069	0	0	0.068	0	0	0.068	0	0	0.067
57	Girna	MAH	0.524	0.045	0.066	0.05	0.043	0.051	0.044	0.041	0.05	0.043	0.039	0.051	0.041
58	Khadakwasla	MAH	0.056	0.022	0.026	0.021	0.018	0.014	0.016	0.009	0.008	0.011	0.009	0.008	0.015
*59	Upper Vaitarna	MAH	0.331	0.048	0.088	0.097	0.037	0.087	0.088	0.025	0.089	0.084	0.018	0.102	0.087
60	Upper Tapi	MAH	0.255	0	0	0.037	0	0	0.029	0	0	0.039	0	0.008	0.043
*61	Pench (Totaladoh)	MAH	1.091	0	0.073	0.198	0	0.069	0.184	0	0.061	0.174	0	0.053	0.173
62	Upper Wardha	MAH	0.564	0.079	0.195	0.17	0.075	0.196	0.167	0.071	0.193	0.17	0.067	0.194	0.182

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Capacity at FRL (BCM)	As per Bulleting dated 06.06.2019			As per Bulleting dated 13.06.2019			As per Bulleting dated 20.06.2019			As per Bulleting dated 27.06.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
63	Bhatsa	MAH	0.942	0.26	0.321	0.311	0.245	0.306	0.29	0.23	0.291	0.289	0.208	0.321	0.309
64	Dhom	MAH	0.331	0.002	0.054	0.061	0.002	0.053	0.061	0.002	0.051	0.062	0.002	0.051	0.066
65	Dudhganga	MAH	0.664	0.019	0.138	0.124	0.009	0.143	0.125	0.01	0.146	0.128	0.011	0.157	0.145
66	Manikdoh (Kukadi)	MAH	0.288	0.003	0.015	0.008	0.002	0.015	0.009	0.002	0.014	0.01	0.001	0.019	0.013
67	Bhandardara	MAH	0.304	0.005	0.082	0.041	0.003	0.084	0.034	0.003	0.085	0.033	0	0.096	0.044
*68	Hirakud	ODI	5.378	0.95	1.182	0.913	0.884	1.098	0.782	0.803	0.992	0.601	0.62	0.828	0.613
*69	Balimela	ODI	2.676	0.599	0.197	0.431	0.515	0.21	0.472	0.441	0.193	0.368	0.379	0.17	0.37
70	Salanadi	ODI	0.558	0.302	0.235	0.129	0.301	0.239	0.136	0.299	0.24	0.139	0.301	0.242	0.143
*71	Rengali	ODI	3.432	0.271	0.532	0.409	0.193	0.552	0.319	0.158	0.273	0.213	0.119	0.2	0.34
*72	Machkund (Jalput)	ODI	0.893	0.274	0.184	0.225	0.252	0.135	0.223	0.233	0.146	0.216	0.212	0.075	0.224
*73	Upper Kolab	ODI	0.935	0.155	0.148	0.164	0.124	0.125	0.135	0.097	0.097	0.146	0.09	0.073	0.127
*74	Upper Indravati	ODI	1.456	0.262	0.223	0.252	0.235	0.181	0.222	0.221	0.142	0.228	0.221	0.126	0.238
*75	Thein	PUN	2.344	1.477	0.621	1.031	1.36	0.719	1.053	1.263	0.768	1.04	1.192	0.695	1.007
*76	Mahi Bajaj Sagar	RAJ	1.711	0.445	0.531	0.408	0.442	0.528	0.364	0.44	0.525	0.405	0.437	0.522	0.383
77	Jhakam	RAJ	0.132	0.031	0.038	0.025	0.03	0.037	0.023	0.032	0.037	0.025	0.032	0.038	0.023
*78	Rana Pratap Sagar	RAJ	1.436	0.318	0.451	0.421	0.306	0.445	0.436	0.338	0.427	0.424	0.331	0.421	0.468
79	Lower Bhawani	TN	0.792	0.155	0.159	0.151	0.159	0.267	0.164	0.167	0.355	0.187	0.164	0.386	0.219
*80	Mettur (Stanley)	TN	2.647	0.433	0.325	0.782	0.427	0.341	0.783	0.415	0.501	0.776	0.401	0.629	0.767
81	Vaigai	TN	0.172	0.016	0.02	0.022	0.015	0.022	0.021	0.013	0.038	0.021	0.012	0.052	0.022
82	Parambikulam	TN	0.38	0.057	0.029	0.089	0.056	0.053	0.09	0.057	0.077	0.094	0.058	0.1	0.103
83	Aliyar	TN	0.095	0	0	0.034	0.004	0.002	0.033	0.001	0.013	0.033	0	0.016	0.034

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Capacity at FRL (BCM)	As per Bulleting dated 06.06.2019			As per Bulleting dated 13.06.2019			As per Bulleting dated 20.06.2019			As per Bulleting dated 27.06.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*84	Sholayar	TN	0.143	0	0.005	0.011	0	0.08	0.023	0	0.104	0.037	0	0.121	0.058
85	Gumti	TRP	0.312	0.097	0.232	0.084	0.099	0.234	0.086	0.094	0.312	0.098	0.093	0.312	0.121
86	Matatila	UP	0.707	0.056	0.07	0.175	0.053	0.067	0.16	0.049	0.062	0.155	0.047	0.059	0.18
*87	Rihand	UP	5.649	0.723	0.634	0.759	0.705	0.616	0.691	0.678	0.634	0.632	0.643	0.546	0.616
*88	Ramganga	UKH	2.196	0.816	0.201	0.549	0.739	0.185	0.546	0.663	0.181	0.507	0.607	0.167	0.5
*89	Tehri	UKH	2.615	0.062	0.061	0.058	0.061	0.028	0.04	0.025	0.01	0.119	0.045	0.045	0.184
90	Mayurakshi	WB	0.48	0.076	0.171	0.098	0.076	0.17	0.101	0.075	0.163	0.107	0.075	0.156	0.116
91	Kangsabati	WB	0.914	0.305	0.422	0.192	0.303	0.422	0.192	0.302	0.422	0.218	0.302	0.422	0.235
<b>Reservoirs</b>			161.993	30.461	26.690	29.536	29.189	28.013	28.972	27.265	29.699	29.194	26.272	29.612	30.708
<b>Percentage</b>				18.804	16.476	18.233	18.019	17.293	17.885	16.831	18.334	18.022	16.218	18.280	18.956

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 04.07.2019			As per Bulleting dated 11.07.2019			As per Bulleting dated 18.07.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*1	Srisailam	AP/TG	8.288	0.808	0.725	0.779	0.802	0.727	0.806	0.796	0.728	0.816
*2	Nagarjuna Sagar	AP/TG	6.841	0.000	0.058	0.904	0.000	0.048	0.884	0.000	0.048	0.865
3	Somasila	AP	1.994	0.073	0.329	0.448	0.071	0.323	0.425	0.068	0.318	0.415
4	Sriramsagar	TG	2.300	0.155	0.305	0.277	0.153	0.346	0.369	0.150	0.379	0.476
5	Lower Manair	TG	0.621	0.100	0.097	0.132	0.098	0.099	0.132	0.095	0.098	0.131
6	Tenughat	JHAR	0.821	0.311	0.253	0.286	0.356	0.266	0.307	0.329	0.263	0.320
7	Maithon	JHAR	0.471	0.080	0.159	0.148	0.103	0.170	0.164	0.130	0.164	0.182
*8	Panchet Hill	JHAR	0.184	0.040	0.111	0.083	0.056	0.095	0.092	0.091	0.097	0.118
9	Konar	JHAR	0.176	0.030	0.036	0.058	0.031	0.040	0.063	0.029	0.036	0.070
10	Tilaiya	JHAR	0.142	0.000	0.010	0.029	0.003	0.010	0.035	0.003	0.009	0.038
*11	Ukai	GUJ	6.615	0.189	0.558	1.302	0.255	0.612	1.419	0.275	1.047	1.734
12	Sabarmati (Dharoi)	GUJ	0.735	0.051	0.111	0.105	0.047	0.120	0.112	0.044	0.126	0.134
*13	Kadana	GUJ	1.472	0.461	0.638	0.628	0.591	0.621	0.618	0.530	0.610	0.640
14	Shetrunji	GUJ	0.300	0.026	0.035	0.055	0.026	0.037	0.060	0.025	0.131	0.086
15	Bhadar	GUJ	0.188	0.009	0.019	0.031	0.011	0.017	0.031	0.011	0.095	0.041
16	Damanaganga	GUJ	0.502	0.166	0.142	0.088	0.181	0.166	0.111	0.155	0.149	0.143
17	Dantiwada	GUJ	0.399	0.018	0.063	0.013	0.018	0.063	0.013	0.017	0.064	0.023
18	Panam	GUJ	0.697	0.237	0.247	0.263	0.257	0.253	0.275	0.255	0.265	0.284
*19	Sardar Sarovar	GUJ	5.760	1.223	0.000	0.409	1.415	0.000	0.516	1.361	0.064	0.645
20	Karjan	GUJ	0.523	0.159	0.174	0.154	0.176	0.187	0.161	0.177	0.217	0.173

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 04.07.2019			As per Bulleting dated 11.07.2019			As per Bulleting dated 18.07.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*21	Gobind (Bhakra) Sagar	HP	6.229	2.573	0.438	1.758	2.891	0.491	2.121	3.316	0.750	2.419
*22	Pong Dam	HP	6.157	1.968	0.534	1.298	2.023	0.456	1.450	2.153	0.599	1.683
23	Krishnaraja Sagra	KAR	1.163	0.183	0.739	0.280	0.280	0.931	0.407	0.342	1.163	0.499
*24	Tungabhadra	KAR	3.276	0.053	1.137	0.774	0.149	1.418	0.923	0.423	2.545	1.227
25	Ghataprabha	KAR	1.391	0.061	0.236	0.181	0.421	0.432	0.283	0.636	0.960	0.461
26	Bhadra	KAR	1.785	0.256	0.701	0.572	0.386	0.948	0.738	0.442	1.656	0.897
27	Linganamakki	KAR	4.294	0.488	1.281	0.955	0.899	1.718	1.140	0.970	2.513	1.480
28	Narayanpur	KAR	0.863	0.240	0.369	0.297	0.270	0.363	0.313	0.611	0.599	0.414
29	Malaprabha (Renuka)	KAR	0.972	0.016	0.085	0.086	0.142	0.121	0.126	0.268	0.252	0.161
30	Kabini (Sancherla Tank)	KAR	0.444	0.075	0.413	0.179	0.180	0.411	0.215	0.210	0.404	0.243
31	Hemavathy	KAR	0.927	0.122	0.663	0.257	0.273	0.772	0.356	0.322	0.927	0.473
32	Harangi	KAR	0.220	0.038	0.153	0.102	0.054	0.214	0.132	0.064	0.204	0.163
33	Supa	KAR	4.120	1.304	1.455	0.980	1.597	1.790	1.091	1.819	2.344	1.305
34	Vanivilas Sagar	KAR	0.802	0.008	0.006	0.089	0.008	0.005	0.088	0.007	0.005	0.088
*35	Almatti	KAR	3.105	0.251	0.659	0.612	1.414	1.414	1.013	2.629	2.739	1.585
*36	Gerusoppa	KAR	0.130	0.112	0.104	0.103	0.106	0.112	0.102	0.091	0.108	0.104
37	Kallada (Parappar)	KRL	0.507	0.176	0.372	0.188	0.178	0.371	0.204	0.180	0.446	0.231
*38	Idamalayar	KRL	1.018	0.080	0.430	0.265	0.106	0.509	0.308	0.112	0.724	0.385
*39	Idukki	KRL	1.460	0.183	0.703	0.423	0.189	0.773	0.467	0.183	1.051	0.556
*40	Kakki	KRL	0.447	0.035	0.227	0.141	0.036	0.242	0.154	0.038	0.323	0.184

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 04.07.2019			As per Bulleting dated 11.07.2019			As per Bulleting dated 18.07.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*41	Periyar	KRL	0.173	0.022	0.085	0.060	0.023	0.080	0.061	0.021	0.137	0.074
42	Malampuzha	KRL	0.224	0.029	0.102	0.073	0.039	0.130	0.084	0.042	0.172	0.099
*43	Gandhi Sagar	MP	6.827	0.000	1.110	1.527	0.563	1.110	1.808	0.590	1.390	1.682
44	Tawa	MP	1.944	0.181	0.268	0.503	0.222	0.314	0.693	0.224	0.593	0.806
*45	Bargi	MP	3.180	1.023	1.246	0.608	1.334	1.278	0.745	1.310	1.690	0.987
*46	Bansagar	MP	5.166	2.495	2.174	1.645	2.689	2.167	1.662	2.744	2.206	1.949
*47	Indira Sagar	MP	9.745	2.214	1.521	0.697	2.701	1.649	0.984	2.738	2.136	1.998
48	Barna	MP	0.456	0.000	0.019	0.086	0.010	0.064	0.133	0.010	0.103	0.154
*49	Minimata Bangoi	CHH	3.046	1.438	1.614	1.541	1.578	1.651	1.512	1.599	1.804	1.668
50	Mahanadi	CHH	0.767	0.124	0.200	0.189	0.146	0.200	0.203	0.168	0.204	0.241
51	Jayakwadi (Paithon)	MAH	2.171	0.000	0.444	0.159	0.000	0.419	0.156	0.000	0.458	0.172
*52	Koyana	MAH	2.652	0.329	0.757	0.791	0.890	1.266	0.985	1.247	2.116	1.301
53	Bhima (Ujjani)	MAH	1.517	0.000	0.000	0.060	0.000	0.000	0.058	0.000	0.000	0.062
54	Isapur	MAH	0.965	0.000	0.049	0.196	0.005	0.098	0.219	0.005	0.263	0.260
55	Mula	MAH	0.609	0.007	0.008	0.033	0.045	0.036	0.059	0.099	0.189	0.115
56	Yeldari	MAH	0.809	0.000	0.000	0.072	0.000	0.000	0.076	0.000	0.000	0.078
57	Girna	MAH	0.524	0.039	0.052	0.042	0.039	0.051	0.042	0.038	0.061	0.045
58	Khadakvasla	MAH	0.056	0.017	0.020	0.019	0.056	0.030	0.023	0.050	0.056	0.033
*59	Upper Vaitarna	MAH	0.331	0.023	0.113	0.096	0.063	0.149	0.110	0.122	0.250	0.149
60	Upper Tapi	MAH	0.255	0.032	0.036	0.065	0.037	0.046	0.067	0.058	0.047	0.071

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 04.07.2019			As per Bulleting dated 11.07.2019			As per Bulleting dated 18.07.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*61	Pench (Totaladoh)	MAH	1.091	0.000	0.046	0.190	0.000	0.105	0.246	0.000	0.167	0.313
62	Upper Wardha	MAH	0.564	0.069	0.195	0.191	0.068	0.220	0.211	0.065	0.238	0.246
63	Bhatsa	MAH	0.942	0.265	0.357	0.338	0.466	0.448	0.390	0.559	0.684	0.477
64	Dhom	MAH	0.331	0.011	0.053	0.072	0.057	0.085	0.081	0.086	0.183	0.115
65	Dudhganga	MAH	0.664	0.066	0.216	0.191	0.184	0.338	0.240	0.273	0.549	0.330
66	Manikdoh (Kukadi)	MAH	0.288	0.005	0.024	0.019	0.032	0.035	0.027	0.044	0.091	0.047
67	Bhandardara	MAH	0.304	0.016	0.098	0.060	0.090	0.122	0.083	0.131	0.235	0.120
*68	Hirakud	ODI	5.378	0.588	0.692	0.541	0.833	0.576	0.606	0.752	0.915	0.778
*69	Balimela	ODI	2.676	0.333	0.179	0.529	0.307	0.224	0.385	0.271	0.441	0.412
70	Salanadi	ODI	0.558	0.303	0.250	0.150	0.306	0.255	0.148	0.293	0.257	0.143
*71	Rengali	ODI	3.432	0.171	0.245	0.252	0.230	0.324	0.263	0.206	0.433	0.428
*72	Machkund (Jalput)	ODI	0.893	0.209	0.124	0.239	0.196	0.114	0.238	0.197	0.133	0.246
*73	Upper Kolab	ODI	0.935	0.090	0.073	0.140	0.132	0.084	0.146	0.129	0.154	0.140
*74	Upper Indravati	ODI	1.456	0.240	0.144	0.242	0.321	0.174	0.246	0.344	0.296	0.311
*75	Thein	PUN	2.344	1.086	0.892	1.040	1.141	0.915	1.113	1.233	0.964	1.096
*76	Mahi Bajaj Sagar	RAJ	1.711	0.442	0.620	0.383	0.850	0.674	0.404	0.873	0.755	0.466
77	Jhakam	RAJ	0.132	0.033	0.041	0.025	0.047	0.043	0.023	0.048	0.046	0.026
*78	Rana Pratap Sagar	RAJ	1.436	0.344	0.429	0.490	0.425	0.452	0.526	0.414	0.476	0.537
79	Lower Bhawani	TN	0.792	0.167	0.411	0.236	0.191	0.463	0.251	0.196	0.651	0.299

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 04.07.2019			As per Bulleting dated 11.07.2019			As per Bulleting dated 18.07.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*80	Mettur (Stanley)	TN	2.647	0.386	0.743	0.821	0.371	0.888	0.846	0.346	1.936	0.998
81	Vaigai	TN	0.172	0.011	0.054	0.025	0.009	0.050	0.027	0.008	0.054	0.028
82	Parambikulam	TN	0.380	0.058	0.123	0.119	0.060	0.154	0.136	0.054	0.294	0.169
83	Aliyar	TN	0.095	0.000	0.026	0.036	0.000	0.028	0.036	0.000	0.071	0.045
*84	Sholayar	TN	0.143	0.000	0.130	0.069	0.001	0.136	0.077	0.000	0.137	0.091
85	Gumti	TRP	0.312	0.094	0.308	0.141	0.091	0.312	0.143	0.155	0.305	0.146
86	Matatila	UP	0.707	0.044	0.059	0.228	0.083	0.059	0.260	0.087	0.073	0.276
*87	Rihand	UP	5.649	0.581	0.538	0.599	0.687	0.512	0.650	0.669	0.555	0.792
*88	Ramganga	UKH	2.196	0.554	0.168	0.520	0.575	0.179	0.537	0.614	0.203	0.620
*89	Tehri	UKH	2.615	0.068	0.183	0.306	0.257	0.251	0.431	0.421	0.575	0.683
90	Mayurakshi	WB	0.480	0.077	0.145	0.137	0.096	0.145	0.159	0.119	0.138	0.179
91	Kangsabati	WB	0.914	0.302	0.422	0.257	0.310	0.427	0.281	0.310	0.432	0.297
<b>Reservoirs</b>			<b>161.993</b>	<b>26.944</b>	<b>32.581</b>	<b>32.780</b>	<b>35.108</b>	<b>37.221</b>	<b>37.114</b>	<b>39.319</b>	<b>51.536</b>	<b>44.690</b>
<b>Percentage</b>			<b>16.633</b>	<b>20.113</b>	<b>20.235</b>	<b>21.673</b>	<b>22.977</b>	<b>22.911</b>	<b>24.272</b>	<b>31.814</b>	<b>27.588</b>	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.07.2019			As per Bulleting dated 01.08.2019			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 08.08.2019		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7
*1	Srisailam	AP/TG	8.288	0.794	2.946	1.386	0.916	4.384	2.468	C	Srisailam	AP/TG	8.288	4.535	3.994	3.409
*2	Nagarjuna Sagar	AP/TG	6.841	0.000	0.048	0.822	0.000	0.161	0.920	*2	Nagarjuna Sagar	AP/TG	6.841	0.166	0.335	1.383
3	Somasila	AP	1.994	0.066	0.314	0.408	0.064	0.306	0.395	3	Somasila	AP	1.994	0.062	0.306	0.382
4	Sriramsagar	TG	2.300	0.152	0.447	0.661	0.160	0.451	0.760	4	Yeleru	AP	0.508	0.2	0.153	0.082
5	Lower Manair	TG	0.621	0.093	0.099	0.151	0.094	0.097	0.174	5	Sriramsagar	TG	2.3	0.294	0.455	0.839
6	Tenughat	JHAR	0.821	0.332	0.281	0.338	0.359	0.363	0.331	6	Lower Manair	TG	0.621	0.099	0.096	0.187
7	Maithon	JHAR	0.471	0.133	0.148	0.214	0.180	0.247	0.245	7	Tenughat	JHAR	0.821	0.335	0.336	0.341
*8	Panchet Hill	JHAR	0.184	0.101	0.086	0.133	0.105	0.184	0.148	8	Maithon	JHAR	0.471	0.195	0.301	0.278
9	Konar	JHAR	0.176	0.031	0.035	0.083	0.036	0.037	0.082	*9	Panchet Hill	JHAR	0.184	0.051	0.134	0.142
10	Tilaiya	JHAR	0.142	0.003	0.009	0.044	0.005	0.029	0.055	10	Konar	JHAR	0.176	0.042	0.04	0.097
*11	Ukai	GUJ	6.615	0.293	1.201	2.156	1.258	1.350	2.512	11	Tilaiya	JHAR	0.142	0.008	0.035	0.067
12	Sabarmati (Dharoi)	GUJ	0.735	0.041	0.166	0.185	0.039	0.167	0.260	*12	Ukai	GUJ	6.615	3.196	1.356	3.206
*13	Kadana	GUJ	1.472	0.507	0.659	0.677	0.498	0.655	0.752	13	Sabarmati (Dharoi)	GUJ	0.735	0.096	0.166	0.285
14	Shetrunji	GUJ	0.300	0.034	0.136	0.113	0.036	0.136	0.121	*14	Kadana	GUJ	1.472	0.595	0.552	0.755
15	Bhadar	GUJ	0.188	0.019	0.097	0.064	0.020	0.096	0.071	15	Shetrunji	GUJ	0.3	0.066	0.133	0.136
16	Damanaganga	GUJ	0.502	0.231	0.174	0.177	0.196	0.187	0.211	16	Bhadar	GUJ	0.188	0.028	0.095	0.084
17	Dantiwada	GUJ	0.399	0.017	0.080	0.060	0.016	0.080	0.091	17	Damanaganga	GUJ	0.502	0.188	0.251	0.231
18	Panam	GUJ	0.697	0.249	0.348	0.310	0.241	0.351	0.329	18	Dantiwada	GUJ	0.399	0.02	0.08	0.106
*19	Sardar Sarovar	GUJ	5.760	1.577	0.078	0.836	1.626	0.090	1.051	19	Panam	GUJ	0.697	0.283	0.341	0.33
20	Karjan	GUJ	0.523	0.181	0.314	0.216	0.262	0.328	0.254	*20	Sardar Sarovar	GUJ	5.76	2.867	0.033	1.29

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.07.2019			As per Bulleting dated 01.08.2019			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 08.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7
21	Sukhi	GUJ	0.167	0.037	0.031	0.030	0.038	0.034	0.043	21	Karjan	GUJ	0.523	0.361	0.337	0.274
22	Watruk	GUJ	0.154	0.003	0.045	0.049	0.003	0.045	0.061	22	Sukhi	GUJ	0.167	0.077	0.034	0.055
23	Hathmati	GUJ	0.153	0.010	0.051	0.014	0.010	0.054	0.022	23	Watruk	GUJ	0.154	0.004	0.044	0.066
24	Machchhu-I	GUJ	0.071	0.008	0.012	0.021	0.017	0.012	0.024	24	Hathmati	GUJ	0.153	0.013	0.054	0.023
25	Machchhu-II	GUJ	0.091	0.007	0.012	0.026	0.023	0.011	0.039	25	Machchhu-I	GUJ	0.071	0.026	0.012	0.027
26	Und-I	GUJ	0.066	0.000	0.030	0.019	0.004	0.030	0.021	26	Machchhu-II	GUJ	0.091	0.022	0.01	0.043
27	Brahmani	GUJ	0.071	0.001	0.009	0.013	0.002	0.008	0.021	27	Und-I	GUJ	0.066	0.004	0.029	0.03
*28	Gobind (Bhakra) Sagar	HP	6.229	3.663	1.057	2.771	4.276	1.722	3.237	28	Brahmani	GUJ	0.071	0.002	0.008	0.024
*29	Pong Dam	HP	6.157	2.280	0.872	2.015	2.805	1.382	2.488	*29	Gobind (Bhakra) Sagar	HP	6.229	4.794	2.133	3.714
30	Krishnaraja Sagra	KAR	1.163	0.292	1.163	0.667	0.250	1.163	0.718	*30	Pong Dam	HP	6.157	4.238	2.078	3.174
*31	Tungabhadra	KAR	3.276	0.563	2.642	1.743	0.804	2.731	2.045	31	Krishnaraja Sagra	KAR	1.163	0.344	1.163	0.796
32	Ghataprabha	KAR	1.391	0.668	1.177	0.662	0.906	1.320	0.902	*32	Tungabhadra	KAR	3.276	1.382	2.781	2.212
33	Bhadra	KAR	1.785	0.517	1.688	1.071	0.622	1.735	1.210	33	Ghataprabha	KAR	1.391	1.322	1.36	1.112
34	Linganamakki	KAR	4.294	1.157	3.051	1.953	1.467	3.261	2.143	34	Bhadra	KAR	1.785	0.829	1.743	1.302
35	Narayanpur	KAR	0.863	0.575	0.597	0.544	0.578	0.683	0.622	35	Linganamakki	KAR	4.294	2.672	3.433	2.51
36	Malaprabha Renuka)	KAR	0.972	0.289	0.371	0.241	0.451	0.451	0.325	36	Narayanpur	KAR	0.863	0.311	0.739	0.692
37	Kabini (Sancherla Tank)	KAR	0.444	0.265	0.426	0.279	0.272	0.428	0.282	37	Malaprabha (Renuka)	KAR	0.972	0.899	0.471	0.43
38	Hemavathy	KAR	0.927	0.368	0.927	0.588	0.397	0.927	0.690	38	Kabini (Sancherla Tank)	KAR	0.444	0.4	0.433	0.295
39	Harangi	KAR	0.220	0.085	0.205	0.183	0.089	0.218	0.203	39	Hemavathy	KAR	0.927	0.621	0.927	0.749
40	Supa	KAR	4.120	1.943	2.726	1.649	2.247	2.841	1.651	40	Harangi	KAR	0.22	0.154	0.218	0.211

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.07.2019			As per Bulleting dated 01.08.2019			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 08.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7
41	Vanivilas Sagar	KAR	0.802	0.007	0.005	0.087	0.006	0.004	0.085	41	Supa	KAR	4.12	3.216	2.958	2.078
*42	Almatti	KAR	3.105	2.933	2.743	2.132	2.650	3.097	2.503	42	Vanivilas Sagar	KAR	0.802	0.006	0.004	0.083
*43	Gerusoppa	KAR	0.130	0.106	0.104	0.105	0.104	0.094	0.103	*43	Almatti	KAR	3.105	2.079	3.105	2.701
44	Kallada (Parappar)	KRL	0.507	0.209	0.461	0.255	0.213	0.466	0.266	*44	Gerusoppa	KAR	0.13	0.102	0.108	0.107
*45	Idamalayar	KRL	1.018	0.179	0.854	0.467	0.206	0.961	0.520	45	Kallada (Parappar)	KRL	0.507	0.228	0.459	0.277
*46	Idukki	KRL	1.460	0.282	1.215	0.645	0.296	1.338	0.697	*46	Idamalayar	KRL	1.018	0.289	0.99	0.577
*47	Kakki	KRL	0.447	0.072	0.368	0.214	0.083	0.422	0.237	*47	Idukki	KRL	1.46	0.346	1.351	0.763
*48	Periyar	KRL	0.173	0.030	0.155	0.084	0.029	0.155	0.084	*48	Kakki	KRL	0.447	0.102	0.435	0.257
49	Malampuzha	KRL	0.224	0.051	0.198	0.114	0.054	0.216	0.125	*49	Periyar	KRL	0.173	0.03	0.138	0.084
*50	Gandhi Sagar	MP	6.827	0.597	1.491	2.206	0.941	1.527	2.380	50	Malampuzha	KRL	0.224	0.075	0.219	0.138
51	Tawa	MP	1.944	0.231	0.768	1.118	0.967	0.833	1.273	*51	Gandhi Sagar	MP	6.827	1.604	1.529	2.044
*52	Bargi	MP	3.180	1.294	2.394	1.452	1.590	2.604	1.682	52	Tawa	MP	1.944	1.443	0.84	1.488
*53	Bansagar	MP	5.166	2.360	2.360	2.221	2.744	2.464	2.432	*53	Bargi	MP	3.18	2.338	2.688	2.141
*54	Indira Sagar	MP	9.745	2.475	2.451	2.782	6.746	3.207	4.162	*54	Bansagar	MP	5.166	2.834	2.662	2.768
55	Barna	MP	0.456	0.009	0.144	0.218	0.073	0.146	0.261	*55	Indira Sagar	MP	9.745	5.917	3.433	5.269
*56	Minimata Bangoi	CHH	3.046	1.525	2.073	1.800	1.495	2.216	1.872	56	Barna	MP	0.456	0.106	0.128	0.285
57	Mahanadi	CHH	0.767	0.172	0.240	0.338	0.201	0.257	0.388	*57	Omkareswar	MP	0.299	0	0	0
58	Jayakwadi (Paithon)	MAH	2.171	0.000	0.664	0.224	0.064	0.700	0.301	58	Sanjay Sarovar	MP	0.508	0.077	0.199	0.251
*59	Koyana	MAH	2.652	1.326	2.216	1.720	2.043	2.296	1.999	*59	Minimata Bangoi	CHH	3.046	1.544	2.27	1.967
60	Bhima (Ujjani)	MAH	1.517	0.000	0.385	0.163	0.116	0.519	0.355	60	Mahanadi	CHH	0.767	0.265	0.27	0.479
61	Isapur	MAH	0.965	0.007	0.297	0.301	0.020	0.315	0.376	61	Jayakwadi (Paithon)	MAH	2.171	1.42	0.667	0.464
62	Mula	MAH	0.609	0.109	0.288	0.200	0.243	0.323	0.261	*62	Koyana	MAH	2.652	2.652	2.489	2.31

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.07.2019			As per Bulleting dated 01.08.2019			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 08.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7
63	Yeldari	MAH	0.809	0.000	0.000	0.103	0.000	0.000	0.118	63	Bhima (Ujjani)	MAH	1.517	1.477	0.511	0.626
64	Girna	MAH	0.524	0.039	0.131	0.058	0.049	0.143	0.081	64	Isapur	MAH	0.965	0.115	0.323	0.433
65	Khadakvasla	MAH	0.056	0.033	0.056	0.042	0.056	0.056	0.048	65	Mula	MAH	0.609	0.523	0.325	0.336
*66	Upper Vaitarna	MAH	0.331	0.134	0.258	0.180	0.202	0.262	0.204	66	Yeldari	MAH	0.809	0	0	0.158
67	Upper Tapi	MAH	0.255	0.056	0.052	0.076	0.051	0.051	0.071	67	Girna	MAH	0.524	0.294	0.151	0.117
*68	Pench (Totaladoh)	MAH	1.091	0.000	0.205	0.408	0.000	0.221	0.473	68	Khadakvasla	MAH	0.056	0.056	0.056	0.05
69	Upper Wardha	MAH	0.564	0.063	0.252	0.302	0.102	0.258	0.327	*69	Upper Vaitarna	MAH	0.331	0.288	0.272	0.254
70	Bhatsa	MAH	0.942	0.589	0.764	0.561	0.831	0.782	0.634	70	Upper Tapi	MAH	0.255	0.065	0.059	0.085
71	Dhom	MAH	0.331	0.090	0.281	0.146	0.184	0.267	0.198	*71	Pench (Totaladoh)	MAH	1.091	0	0.22	0.526
72	Dudhganga	MAH	0.664	0.303	0.584	0.422	0.402	0.587	0.465	72	Upper Wardha	MAH	0.564	0.155	0.258	0.372
73	Manikdoh (Kukadi)	MAH	0.288	0.048	0.114	0.072	0.124	0.120	0.097	73	Bhatsa	MAH	0.942	0.854	0.797	0.737
74	Bhandardara	MAH	0.304	0.133	0.254	0.174	0.239	0.255	0.216	74	Dhom	MAH	0.331	0.289	0.281	0.237
75	Urmodi	MAH	0.273	0.117	0.227	0.191	0.178	0.232	0.214	75	Dudhganga	MAH	0.664	0.612	0.635	0.55
*76	Hirakud	ODI	5.378	0.578	2.382	1.809	0.720	1.838	1.841	76	Manikdoh (Kukadi)	MAH	0.288	0.21	0.126	0.111
*77	Balimela	ODI	2.676	0.247	0.874	0.709	0.512	1.009	0.806	77	Bhandardara	MAH	0.304	0.289	0.269	0.258
78	Salanadi	ODI	0.558	0.250	0.297	0.161	0.245	0.309	0.148	78	Urmodi	MAH	0.273	0.253	0.237	0.235
*79	Rengali	ODI	3.432	0.122	0.742	0.573	0.213	1.251	1.077	*79	Hirakud	ODI	5.378	0.854	2.182	2.238
*80	Machkund (Jalput)	ODI	0.893	0.201	0.360	0.325	0.335	0.429	0.370	*80	Balimela	ODI	2.676	1.179	1.018	0.673
*81	Upper Kolab	ODI	0.935	0.138	0.284	0.197	0.231	0.320	0.248	81	Salanadi	ODI	0.558	0.243	0.332	0.172
*82	Upper Indravati	ODI	1.456	0.372	0.651	0.440	0.623	0.716	0.527	*82	Rengali	ODI	3.432	0.308	1.811	1.127
83	Sapua	ODI	0.006	0.003	0.004	0.004	0.002	0.003	0.004	*83	Machkund (Jalput)	ODI	0.893	0.637	0.54	0.427
*84	Thein	PUN	2.344	1.263	1.013	1.193	1.360	1.086	1.065	*84	Upper Kolab	ODI	0.935	0.418	0.351	0.266

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.07.2019			As per Bulleting dated 01.08.2019			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 08.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7
*85	Mahi Bajaj Sagar	RAJ	1.711	0.891	0.869	0.584	0.940	0.935	0.871	*85	Upper Indravati	ODI	1.456	1.194	0.823	0.684
86	Jhakam	RAJ	0.132	0.050	0.049	0.034	0.051	0.051	0.062	86	Sapua	ODI	0.006	0.003	0.003	0.004
*87	Rana Pratap Sagar	RAJ	1.436	0.408	0.616	0.643	0.518	0.617	0.731	*87	Thein	PUN	2.344	1.538	1.172	1.298
88	Lower Bhawani	TN	0.792	0.213	0.723	0.344	0.228	0.767	0.370	*88	Mahi Bajaj Sagar	RAJ	1.711	1.117	0.96	0.966
*89	Mettur (Stanley)	TN	2.647	0.359	2.647	1.234	0.485	2.647	1.389	89	Jhakam	RAJ	0.132	0.057	0.052	0.063
90	Vaigai	TN	0.172	0.009	0.069	0.032	0.010	0.084	0.038	*90	Rana Pratap Sagar	RAJ	1.436	0.654	0.606	0.794
91	Parambikulam	TN	0.380	0.060	0.375	0.208	0.071	0.375	0.232	91	Lower Bhawani	TN	0.792	0.32	0.747	0.394
92	Aliyar	TN	0.095	0.003	0.088	0.054	0.002	0.093	0.059	*92	Mettur (Stanley)	TN	2.647	0.578	2.563	1.5
*93	Sholayar	TN	0.143	0.026	0.134	0.104	0.031	0.132	0.108	93	Vaigai	TN	0.172	0.012	0.094	0.043
94	Gumti	TRP	0.312	0.158	0.287	0.147	0.178	0.289	0.153	94	Parambikulam	TN	0.38	0.094	0.378	0.248
95	Matatila	UP	0.707	0.087	0.127	0.298	0.136	0.193	0.352	95	Aliyar	TN	0.095	0.001	0.093	0.063
*96	Rihand	UP	5.649	0.598	0.847	0.982	0.723	1.406	1.366	*96	Sholayar	TN	0.143	0.057	0.133	0.109
*97	Ramganga	UKH	2.196	0.641	0.229	0.762	0.703	0.57	0.826	97	Gumti	TRP	0.312	0.162	0.296	0.165
*98	Tehri	UKH	2.615	0.556	0.947	0.941	0.806	1.312	1.191	98	Matatila	UP	0.707	0.162	0.201	0.417
99	Mayurakshi	WB	0.48	0.129	0.129	0.202	0.148	0.156	0.209	*99	Rihand	UP	5.649	0.82	1.721	1.698
100	Kangsabati	WB	0.914	0.31	0.467	0.323	0.313	0.425	0.394	*100	Ramganga	UKH	2.196	0.803	0.468	1.005
<b>Reservoirs</b>			163.04	40.836	65.02	57.456	54.258	73.162	67.922	*101	Tehri	UKH	2.615	1.217	1.55	1.501
<b>Percentage</b>			5	25.04585	39.87856	35.23935	33.27793	44.87227	41.65844	102	Mayurakshi	WB	0.48	0.143	0.195	0.216
										103	Kangsabati	WB	0.914	0.32	0.453	0.415
										<b>Reservoirs</b>			164.36	76.845	77.403	79.471
										<b>Percentage</b>			8	46.7540	47.09358	48.352

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*1	Srisailam	AP/TG	8.288	5.194	3.984	3.541	5.919	5.715	3.917	5.256	5.814	4.364
*2	Nagarjuna Sagar	AP/TG	6.841	4.253	0.545	1.582	5.049	2.306	1.865	4.990	4.139	2.479
3	Somasila	AP	1.994	0.060	0.295	0.368	0.260	0.315	0.386	0.562	0.526	0.494
4	Yeleru	AP	0.508	0.267	0.162	0.083	0.293	0.238	0.100	0.296	0.275	0.108
5	Sriramsagar	TG	2.300	0.482	0.475	0.839	0.495	1.823	1.059	0.510	2.037	1.134
6	Lower Manair	TG	0.621	0.100	0.097	0.213	0.100	0.102	0.217	0.099	0.146	0.242
7	Tenughat	JHAR	0.821	0.391	0.381	0.350	0.409	0.380	0.352	0.374	0.380	0.360
8	Maithon	JHAR	0.471	0.263	0.315	0.308	0.352	0.303	0.352	0.387	0.380	0.381
*9	Panchet Hill	JHAR	0.184	0.077	0.131	0.147	0.184	0.139	0.156	0.184	0.184	0.165
10	Konar	JHAR	0.176	0.050	0.042	0.105	0.062	0.046	0.113	0.064	0.102	0.125
11	Tilaiya	JHAR	0.142	0.010	0.038	0.075	0.024	0.042	0.089	0.029	0.075	0.098
*12	Ukai	GUJ	6.615	5.192	1.358	3.690	5.225	1.775	3.845	5.401	2.570	4.133
13	Sabarmati (Dharoi)	GUJ	0.735	0.111	0.165	0.340	0.250	0.174	0.391	0.281	0.176	0.416
*14	Kadana	GUJ	1.472	1.103	0.487	0.782	1.103	0.505	0.801	1.132	0.956	0.823
15	Shetrunji	GUJ	0.300	0.098	0.131	0.140	0.106	0.131	0.139	0.107	0.131	0.146
16	Bhadar	GUJ	0.188	0.082	0.094	0.085	0.095	0.094	0.086	0.098	0.093	0.089
17	Damanaganga	GUJ	0.502	0.313	0.311	0.264	0.326	0.305	0.284	0.323	0.304	0.315
18	Dantiwada	GUJ	0.399	0.033	0.079	0.106	0.068	0.079	0.125	0.072	0.079	0.132
19	Panam	GUJ	0.697	0.485	0.333	0.381	0.539	0.460	0.400	0.545	0.512	0.427
*20	Sardar Sarovar	GUJ	5.760	3.681	0.037	1.356	4.090	0.631	1.431	4.326	1.271	1.503

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
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1	2	3	4	5	6	7	8	9	10	11	12	13
21	Karjan	GUJ	0.523	0.382	0.340	0.296	0.384	0.381	0.330	0.399	0.434	0.347
22	Sukhi	GUJ	0.167	0.151	0.036	0.067	0.148	0.080	0.078	0.153	0.091	0.086
23	Watrak	GUJ	0.154	0.009	0.044	0.082	0.022	0.047	0.089	0.036	0.048	0.094
24	Hathmati	GUJ	0.153	0.021	0.054	0.028	0.027	0.057	0.031	0.033	0.057	0.033
25	Machchhu-I	GUJ	0.071	0.069	0.012	0.028	0.069	0.011	0.029	0.069	0.012	0.028
26	Machchhu-II	GUJ	0.091	0.084	0.009	0.042	0.084	0.008	0.042	0.084	0.009	0.042
27	Und-I	GUJ	0.066	0.061	0.028	0.031	0.063	0.028	0.031	0.065	0.028	0.031
28	Brahmani	GUJ	0.071	0.044	0.008	0.025	0.044	0.007	0.025	0.044	0.007	0.025
*29	Gobind Sagar (Bhakra)	HP	6.229	5.235	2.984	4.159	5.562	3.594	4.619	5.439	4.043	4.884
*30	Pong Dam	HP	6.157	3.679	3.198	3.766	4.994	3.823	4.355	5.298	4.502	4.649
31	Krishnaraja Sagra	KAR	1.163	1.163	1.163	0.803	1.163	1.163	0.829	1.163	1.163	0.826
*32	Tungabhadra	KAR	3.276	2.786	2.763	2.388	2.856	2.685	2.497	2.856	2.828	2.537
33	Ghataprabha	KAR	1.391	1.374	1.387	1.084	1.387	1.387	1.132	1.387	1.387	1.190
34	Bhadra	KAR	1.785	1.639	1.738	1.273	1.759	1.694	1.394	1.773	1.718	1.462
35	Linganamakki	KAR	4.294	3.731	3.953	2.717	3.971	4.132	2.969	4.104	4.231	2.990
36	Narayanpur	KAR	0.863	0.431	0.739	0.681	0.661	0.679	0.713	0.740	0.720	0.701
37	Malaprabha (Renuka)	KAR	0.972	0.902	0.495	0.433	0.969	0.573	0.469	0.972	0.629	0.503
38	Kabini (Sancherla Tank)	KAR	0.444	0.418	0.325	0.278	0.439	0.407	0.279	0.437	0.424	0.274
39	Hemavathy	KAR	0.927	0.927	0.927	0.762	0.927	0.927	0.745	0.927	0.927	0.722
40	Harangi	KAR	0.220	0.207	0.208	0.210	0.220	0.207	0.212	0.219	0.203	0.207
41	Supa	KAR	4.120	3.813	3.243	2.298	3.950	3.689	2.407	3.979	3.964	2.396

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
42	Vanivilas Sagar	KAR	0.802	0.010	0.003	0.080	0.010	0.008	0.078	0.005	0.016	0.086
*43	Almatti	KAR	3.105	2.890	3.105	2.787	3.088	3.034	2.874	3.105	3.105	2.873
*44	Gerusoppa	KAR	0.130	0.098	0.106	0.100	0.087	0.087	0.099	0.092	0.090	0.104
45	Kallada (Parappar)	KRL	0.507	0.294	0.455	0.282	0.330	0.460	0.293	0.364	0.449	0.305
*46	Idamalayar	KRL	1.018	0.498	1.009	0.604	0.560	0.984	0.639	0.595	0.948	0.663
*47	Idukki	KRL	1.460	0.611	1.356	0.794	0.720	1.420	0.834	0.770	1.364	0.858
*48	Kakki	KRL	0.447	0.194	0.436	0.267	0.238	0.442	0.283	0.250	0.410	0.277
*49	Periyar	KRL	0.173	0.122	0.160	0.084	0.118	0.173	0.083	0.107	0.173	0.082
50	Malampuzha	KRL	0.224	0.137	0.216	0.143	0.154	0.198	0.147	0.171	0.199	0.151
*51	Gandhi Sagar	MP	6.827	2.976	1.567	2.359	5.612	1.715	3.133	6.231	2.207	3.243
52	Tawa	MP	1.944	1.756	0.916	1.546	1.918	1.105	1.646	1.882	1.211	1.711
*53	Bargi	MP	3.180	2.884	3.033	2.333	3.148	3.079	2.453	3.114	3.136	2.580
*54	Bansagar	MP	5.166	2.955	2.988	3.074	3.541	3.520	3.417	4.212	3.849	3.567
*55	Indira Sagar	MP	9.745	8.131	3.898	5.666	8.503	5.233	6.178	8.706	6.612	6.579
56	Barna	(MP	0.456	0.169	0.125	0.290	0.266	0.177	0.316	0.410	0.199	0.330
*57	Omkareswar	MP	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	Sanjay Sarovar	MP	0.508	0.158	0.204	0.273	0.212	0.209	0.298	0.303	0.227	0.323
*59	Minimata Bangoi	CHH	3.046	1.628	2.318	2.146	0.155	0.091	0.151	0.178	0.105	0.157
60	Mahanadi	CHH	0.767	0.315	0.500	0.499	1.963	2.365	2.189	2.125	2.464	2.237
61	Jayakwadi (Paithon)	MAH	2.171	1.989	0.615	0.516	0.336	0.739	0.499	0.344	0.748	0.535
*62	Koyana	MAH	2.652	2.652	2.652	2.411	1.976	0.883	0.650	1.854	0.984	0.707

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
63	Bhima (Ujjani)	MAH	1.517	1.517	0.529	0.664	2.652	2.652	2.466	2.652	2.652	2.486
64	Isapur	MAH	0.965	0.141	0.329	0.430	1.517	0.952	0.736	1.517	1.499	0.878
65	Mula	MAH	0.609	0.596	0.342	0.361	0.143	0.586	0.481	0.144	0.636	0.493
66	Yeldari	MAH	0.809	0.000	0.000	0.156	0.601	0.395	0.386	0.578	0.443	0.408
67	Girna	MAH	0.524	0.389	0.153	0.120	0.000	0.041	0.178	0.000	0.069	0.222
68	Khadakvasla	MAH	0.056	0.056	0.056	0.042	0.409	0.211	0.137	0.410	0.250	0.152
*69	Upper Vaitarna	MAH	0.331	0.303	0.289	0.260	0.056	0.056	0.037	0.049	0.056	0.039
70	Upper Tapi	MAH	0.255	0.077	0.093	0.100	0.331	0.305	0.268	0.313	0.313	0.280
*71	Pench (Totaladoh)	MAH	1.091	0.020	0.217	0.594	0.102	0.063	0.125	0.107	0.130	0.149
72	Upper Wardha	MAH	0.564	0.244	0.257	0.395	0.098	0.226	0.640	0.329	0.239	0.675
73	Bhatsa	MAH	0.942	0.875	0.833	0.758	0.279	0.263	0.423	0.377	0.266	0.450
74	Dhom	MAH	0.331	0.303	0.300	0.247	0.907	0.886	0.780	0.922	0.905	0.813
75	Dudhganga	MAH	0.664	0.653	0.650	0.579	0.312	0.309	0.252	0.312	0.308	0.258
76	Manikdoh (Kukadi)	MAH	0.288	0.229	0.139	0.117	0.652	0.647	0.597	0.656	0.643	0.616
77	Bhandardara	MAH	0.304	0.289	0.302	0.276	0.238	0.190	0.134	0.237	0.206	0.145
78	Urmodi	MAH	0.273	0.262	0.246	0.242	0.304	0.304	0.282	0.302	0.304	0.285
79	Bhatghar	MAH	0.673	0.664	0.666	0.589	0.266	0.268	0.246	0.267	0.267	0.247
80	Kolar	MAH	0.270	0.124	0.073	0.137	0.666	0.666	0.606	0.664	0.666	0.617
81	Nira Deoghar	MAH	0.332	0.326	0.332	0.258	0.332	0.332	0.299	0.328	0.332	0.265
*82	Doyang Hep	NAG	0.535	0.257	0.384	0.368	0.263	0.370	0.369	0.265	0.384	0.370
*83	Hirakud	ODI	5.378	2.800	2.257	2.102	2.927	3.138	2.677	3.520	3.296	3.256

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*84	Balimela	ODI	2.676	1.455	1.259	0.949	1.525	1.961	1.083	1.537	2.459	1.029
85	Salanadi	ODI	0.558	0.291	0.374	0.192	0.346	0.437	0.207	0.362	0.453	0.208
*86	Rengali	ODI	3.432	0.647	1.902	1.528	2.161	2.063	1.894	2.650	2.588	2.060
*87	Machkund (Jalput)	ODI	0.893	0.757	0.602	0.458	0.823	0.850	0.531	0.772	0.836	0.555
*88	Upper Kolab	ODI	0.935	0.509	0.394	0.323	0.531	0.724	0.403	0.537	0.754	0.402
*89	Upper Indravati	ODI	1.456	1.252	0.979	0.738	1.260	1.191	0.836	1.261	1.225	0.844
90	Sapua	ODI	0.006	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.004	0.004
*91	Thein	PUN	2.344	1.599	1.416	1.430	2.078	1.629	1.560	2.039	1.760	1.614
*92	Mahi Bajaj Sagar	RAJ	1.711	1.711	0.981	1.138	1.711	1.081	1.269	1.711	1.126	1.323
93	Jhakam	RAJ	0.132	0.092	0.056	0.089	0.132	0.073	0.097	0.132	0.097	0.101
*94	Rana Pratap Sagar	(RAJ	1.436	0.772	0.633	0.874	1.288	0.692	0.928	1.365	0.811	0.996
95	Lower Bhawani	TN	0.792	0.667	0.792	0.405	0.692	0.792	0.399	0.686	0.792	0.384
*96	Mettur (Stanley)	TN	2.647	2.131	2.647	1.57	2.493	2.647	1.584	2.518	2.639	1.565
97	Vaigai	TN	0.172	0.026	0.111	0.048	0.052	0.158	0.057	0.071	0.16	0.057
98	Parambikulam	TN	0.38	0.191	0.369	0.256	0.245	0.366	0.263	0.272	0.371	0.269
99	Aliyar	TN	0.095	0.037	0.092	0.065	0.048	0.093	0.067	0.051	0.092	0.068
*100	Sholayar	TN	0.143	0.134	0.135	0.109	0.131	0.132	0.109	0.131	0.13	0.109
101	Gumti	TRP	0.312	0.164	0.291	0.173	0.177	0.291	0.173	0.177	0.291	0.181
102	Matatila	UP	0.707	0.492	0.23	0.465	0.576	0.263	0.482	0.586	0.596	0.531
*103	Rihand	UP	5.649	0.909	1.948	2.171	1.417	2.348	2.565	1.914	2.782	2.696
*104	Ramganga	UKH	2.196	0.853	0.585	0.915	1.02	0.696	1.139	1.097	0.974	1.227

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 14.08.2019			As per Bulleting dated 22.08.2019			As per Bulleting dated 29.08.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*105	Tehri	UKH	2.615	1.58	1.723	1.696	2.008	1.967	1.9	2.19	2.162	2.042
106	Mayurakshi	WB	0.48	0.143	0.188	0.234	0.164	0.167	0.248	0.181	0.186	0.258
107	Kangsabati	WB	0.914	0.298	0.488	0.45	0.345	0.496	0.493	0.406	0.464	0.503
<b>Reservoirs</b>			<b>166.17</b>	<b>106.676</b>	<b>85.421</b>	<b>87.535</b>	<b>121.865</b>	<b>101.045</b>	<b>96.053</b>	<b>126.631</b>	<b>113.687</b>	<b>101.459</b>
<b>Percentage</b>			<b>64.19691</b>	<b>51.40579</b>	<b>52.67798</b>	<b>73.33755</b>	<b>60.80821</b>	<b>57.80406</b>	<b>76.20569</b>	<b>68.41608</b>	<b>61.05735</b>	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	4.920	5.664	4.628	5.905	5.063	5.136	5.893	4.591	5.477	5.987	4.094	5.327
*2	Nagarjuna Sagar	AP/TG	6.841	4.727	4.923	2.783	5.041	4.928	2.992	5.108	4.678	3.278	5.108	4.556	3.440
3	Somasila	AP	1.994	0.698	0.746	0.582	0.925	0.946	0.663	1.402	1.131	0.779	1.891	1.206	0.856
4	Yeleru	AP	0.508	0.290	0.304	0.137	0.343	0.326	0.159	0.414	0.356	0.173	0.484	0.398	0.190
5	Sriramsagar	TG	2.300	0.780	2.056	1.212	0.908	1.974	1.247	1.052	1.875	1.357	1.661	1.866	1.453
6	Lower Manair	TG	0.621	0.284	0.158	0.276	0.346	0.178	0.298	0.406	0.179	0.302	0.476	0.210	0.342
7	Nizam Sagar	TG	0.482	0.025	0.043	0.163	0.022	0.043	0.166	0.026	0.028	0.162	0.069	0.017	0.199
8	Tenughat	JHA	0.821	0.386	0.409	0.377	0.410	0.416	0.377	0.410	0.408	0.389	0.415	0.411	0.375
9	Maithon	JHA	0.471	0.396	0.454	0.406	0.416	0.471	0.414	0.434	0.471	0.428	0.438	0.465	0.440
*10	Panchet Hill	JHA	0.184	0.184	0.175	0.152	0.184	0.184	0.152	0.184	0.184	0.161	0.184	0.166	0.172
11	Konar	JHA	0.176	0.064	0.125	0.130	0.066	0.148	0.144	0.072	0.149	0.147	0.074	0.150	0.151
12	Tilaiya	JHA	0.142	0.034	0.107	0.104	0.034	0.129	0.117	0.036	0.131	0.118	0.040	0.131	0.119
*13	Ukai	GUJ	6.615	5.726	2.765	4.439	5.798	2.776	4.677	6.281	2.776	4.842	6.587	2.889	5.113
14	Sabarmati (Dharoi)	GUJ	0.735	0.376	0.186	0.439	0.529	0.188	0.501	0.564	0.188	0.520	0.612	0.201	0.531
*15	Kadana	GUJ	1.472	1.119	1.053	0.933	1.129	0.104	0.878	1.168	0.999	0.983	1.155	1.132	1.166
16	Shetrunji	GUJ	0.300	0.116	0.129	0.175	0.126	0.129	0.175	0.193	0.129	0.174	0.206	0.127	0.196
17	Bhadar	GUJ	0.188	0.111	0.096	0.104	0.141	0.095	0.104	0.174	0.095	0.105	0.188	0.092	0.116
18	Damanganga	GUJ	0.502	0.348	0.352	0.361	0.370	0.379	0.396	0.431	0.398	0.430	0.463	0.402	0.457
19	Dantiwada	GUJ	0.399	0.086	0.079	0.133	0.108	0.079	0.158	0.113	0.079	0.174	0.117	0.079	0.177
20	Panam	GUJ	0.697	0.549	0.535	0.486	0.545	0.539	0.508	0.552	0.535	0.515	0.549	0.553	0.517

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*21	Sardar Sarovar	GUJ	5.760	4.812	1.952	1.612	5.256	2.252	1.683	5.639	2.296	1.775	5.634	2.631	1.806
22	Karjan	GUJ	0.523	0.448	0.432	0.380	0.450	0.449	0.412	0.473	0.456	0.436	0.495	0.462	0.452
23	Sukhi (Guj)	GUJ	0.167	0.159	0.097	0.099	0.160	0.101	0.113	0.162	0.101	0.118	0.163	0.106	0.120
24	Watrak	GUJ	0.154	0.049	0.048	0.102	0.075	0.048	0.109	0.109	0.048	0.112	0.119	0.057	0.113
25	Hathmati	GUJ	0.153	0.035	0.062	0.039	0.044	0.062	0.049	0.048	0.058	0.054	0.049	0.094	0.059
26	Machchhu-I	GUJ	0.071	0.069	0.014	0.030	0.069	0.015	0.031	0.069	0.015	0.031	0.069	0.014	0.031
27	Machchhu-II	GUJ	0.091	0.084	0.008	0.045	0.084	0.008	0.045	0.084	0.009	0.045	0.084	0.008	0.044
28	Und-I	GUJ	0.066	0.066	0.028	0.033	0.066	0.028	0.035	0.066	0.027	0.035	0.066	0.023	0.035
29	Brahmani (Guj)	GUJ	0.071	0.044	0.007	0.025	0.050	0.007	0.026	0.050	0.006	0.025	0.049	0.006	0.025
*30	Gobind Sagar (Bhakra)	HP	6.229	5.430	4.335	5.109	5.418	4.546	5.268	5.455	4.634	5.343	5.354	5.016	5.372
*31	Pong Dam (Beas)	HP	6.157	5.523	4.783	4.846	5.652	4.932	5.004	5.522	4.984	5.109	5.360	5.996	5.150
*32	Kol Dam	HP	0.089	0.070	0.037	0.038	0.060	0.069	0.072	0.056	0.062	0.069	0.062	0.045	0.066
33	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.854	1.163	1.163	0.883	1.163	1.130	0.868	1.163	1.087	0.881
*34	Tungabhadra	KAR	3.276	2.856	2.784	2.540	2.856	2.746	2.544	2.856	2.631	2.520	2.856	2.507	2.501
35	Ghataprabha (Hidkal)	KAR	1.391	1.387	1.387	1.196	1.387	1.387	1.214	1.387	1.387	1.204	1.386	1.318	1.208
36	Bhadra	KAR	1.785	1.775	1.753	1.488	1.769	1.781	1.516	1.775	1.776	1.486	1.785	1.747	1.519
37	Linganamakki	KAR	4.294	4.278	4.226	3.215	4.212	4.179	3.425	4.236	4.122	3.466	4.245	4.052	3.492
38	Narayanpur	KAR	0.863	0.694	0.734	0.707	0.671	0.726	0.711	0.731	0.619	0.720	0.718	0.591	0.725
39	Malaprabha (Renuka)	KAR	0.972	0.972	0.663	0.523	0.972	0.664	0.541	0.972	0.655	0.541	0.972	0.604	0.546
40	Kabini	KAR	0.444	0.430	0.439	0.287	0.444	0.438	0.295	0.444	0.430	0.285	0.444	0.417	0.279
41	Hemavathy	KAR	0.927	0.927	0.927	0.734	0.927	0.927	0.725	0.927	0.904	0.702	0.927	0.851	0.688

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
42	Harangi	KAR	0.220	0.220	0.192	0.203	0.220	0.206	0.202	0.219	0.192	0.194	0.216	0.178	0.189
43	Supa	KAR	4.120	4.039	3.963	2.578	4.006	3.963	2.798	3.990	3.906	2.798	3.994	3.845	2.830
44	Vani Vilas Sagar	KAR	0.802	0.009	0.016	0.082	0.008	0.016	0.082	0.008	0.015	0.082	0.009	0.017	0.091
*45	Almatti	KAR	3.105	3.015	3.105	2.831	2.942	3.105	2.848	3.105	3.034	2.897	3.105	2.775	2.902
*46	Gerusoppa	KAR	0.130	0.099	0.087	0.106	0.088	0.096	0.102	0.079	0.114	0.107	0.102	0.107	0.102
47	Kallada (Parappar)	KRL	0.507	0.407	0.457	0.323	0.421	0.425	0.329	0.432	0.421	0.338	0.438	0.420	0.340
*48	Idamalayar	KRL	1.018	0.649	0.894	0.710	0.720	0.845	0.734	0.728	0.807	0.754	0.725	0.784	0.755
*49	Idukki	KRL	1.460	0.859	1.284	0.903	0.957	1.235	0.925	0.988	1.205	0.956	1.006	1.192	0.965
*50	Kakki	KRL	0.447	0.285	0.390	0.306	0.318	0.377	0.318	0.322	0.361	0.323	0.334	0.352	0.326
*51	Periyar	KRL	0.173	0.113	0.152	0.087	0.123	0.127	0.086	0.106	0.104	0.083	0.092	0.091	0.078
52	Malampuzha	KRL	0.224	0.197	0.199	0.159	0.194	0.200	0.165	0.197	0.196	0.169	0.197	0.194	0.172
*53	Gandhi Sagar	MP	6.827	6.378	2.321	2.923	6.408	2.501	3.794	6.293	2.533	3.785	6.258	2.880	4.159
54	Tawa	MP	1.944	1.944	1.283	1.755	1.944	1.424	1.809	1.944	1.447	1.831	1.944	1.560	1.848
*55	Bargi	MP	3.180	3.148	3.148	2.713	3.180	3.136	2.845	3.180	3.136	2.886	3.180	3.079	2.912
*56	Bansagar	MP	5.166	4.493	4.466	3.731	4.795	5.166	3.959	5.166	5.166	4.003	5.166	5.166	4.043
*57	Indira Sagar	MP	9.745	9.298	7.709	7.122	9.345	8.955	7.760	9.666	9.166	7.760	9.701	9.571	8.262
58	Barna Dam	MP	0.456	0.445	0.227	0.373	0.447	0.252	0.393	0.452	0.257	0.398	0.444	0.257	0.400
*59	Omkareswar	MP	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	Sanjay Sarovar	MP	0.508	0.359	0.255	0.348	0.375	0.267	0.355	0.378	0.261	0.359	0.392	0.271	0.372
61	Kolar Dam	MP	0.270	0.198	0.111	0.169	0.254	0.116	0.175	0.262	0.117	0.179	0.259	0.118	0.181

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*62	Minimata Bango	CHH	3.046	2.262	2.608	2.253	2.342	2.731	2.324	2.412	2.668	2.319	2.392	2.569	2.330
63	Mahanadi	CHH	0.767	0.339	0.739	0.577	0.471	0.759	0.623	0.528	0.681	0.632	0.485	0.610	0.636
64	Jayakwadi (Paithan)	MAH	2.171	1.860	1.029	0.767	2.030	1.007	0.854	2.166	0.999	0.901	2.171	0.974	0.943
*65	Koyana	MAH	2.652	2.652	2.652	2.581	2.652	2.652	2.591	2.652	2.652	2.577	2.652	2.646	2.584
66	Bhima (Ujjani)	MAH	1.517	1.517	1.517	1.060	1.517	1.517	1.091	1.517	1.517	1.111	1.517	1.517	1.163
67	Isapur	MAH	0.965	0.149	0.648	0.491	0.176	0.648	0.519	0.214	0.648	0.548	0.292	0.647	0.565
68	Mula	MAH	0.609	0.566	0.446	0.431	0.600	0.432	0.449	0.601	0.425	0.459	0.601	0.423	0.478
69	Yeldari	MAH	0.809	0.000	0.074	0.255	0.000	0.075	0.275	0.000	0.075	0.304	0.032	0.076	0.324
70	Girna	MAH	0.524	0.428	0.253	0.170	0.457	0.254	0.184	0.524	0.253	0.192	0.524	0.252	0.206
71	Khadakvasla	MAH	0.056	0.056	0.056	0.043	0.056	0.048	0.043	0.056	0.040	0.043	0.056	0.048	0.042
*72	Upper Vaitarna	MAH	0.331	0.325	0.319	0.292	0.326	0.325	0.300	0.328	0.325	0.304	0.328	0.325	0.303
73	Upper Tapi	MAH	0.255	0.070	0.198	0.167	0.107	0.250	0.190	0.151	0.249	0.205	0.228	0.244	0.232
*74	Pench (Totladoh)	MAH	1.091	0.467	0.279	0.740	0.784	0.285	0.768	1.017	0.287	0.822	1.017	0.311	0.828
75	Upper Wardha	MAH	0.564	0.496	0.268	0.476	0.564	0.269	0.490	0.564	0.266	0.502	0.564	0.293	0.524
76	Bhatsa	MAH	0.942	0.921	0.914	0.852	0.918	0.912	0.871	0.922	0.903	0.882	0.934	0.893	0.892
77	Dhom	MAH	0.331	0.319	0.317	0.270	0.326	0.318	0.281	0.330	0.310	0.283	0.331	0.294	0.286
78	Dudhganga	MAH	0.664	0.664	0.653	0.635	0.664	0.661	0.640	0.664	0.664	0.644	0.664	0.653	0.643
79	Manikdoh	MAH	0.288	0.223	0.212	0.153	0.218	0.216	0.160	0.233	0.217	0.164	0.240	0.217	0.169
80	Bhandardara	MAH	0.304	0.304	0.304	0.289	0.304	0.304	0.291	0.304	0.304	0.293	0.304	0.304	0.297
81	Urmodi	MAH	0.273	0.271	0.269	0.250	0.271	0.265	0.250	0.272	0.258	0.250	0.272	0.251	0.251
82	Bhatghar	MAH	0.673	0.666	0.666	0.635	0.666	0.666	0.639	0.667	0.666	0.640	0.667	0.666	0.643

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
83	Nira Deoghar	MAH	0.332	0.332	0.332	0.278	0.332	0.332	0.277	0.332	0.332	0.317	0.332	0.332	0.317
*84	Thokarwadi	MAH	0.353	0.353	0.346	0.256	0.353	0.341	0.264	0.353	0.341	0.269	0.353	0.353	0.284
85	Kanher	MAH	0.272	0.268	0.261	0.252	0.270	0.263	0.257	0.270	0.266	0.262	0.269	0.265	0.263
*86	Doyang Hep	NAG	0.535	0.273	0.375	0.367	0.298	0.360	0.359	0.317	0.328	0.358	0.314	0.298	0.362
*87	Hirakud	ODI	5.378	3.998	3.721	3.806	4.147	4.079	4.208	4.717	4.102	4.355	4.818	4.480	4.802
*88	Balimela	ODI	2.676	1.552	2.499	1.339	2.069	2.570	1.315	2.251	2.546	1.425	2.369	2.633	1.535
89	Salanadi	ODI	0.558	0.364	0.488	0.241	0.385	0.481	0.260	0.402	0.479	0.269	0.401	0.496	0.276
*90	Rengali	ODI	3.432	3.075	3.133	2.325	3.126	3.432	2.529	3.348	3.187	2.653	3.266	3.016	2.788
*91	Machkund (Jalaput)	ODI	0.893	0.815	0.836	0.621	0.842	0.842	0.649	0.842	0.849	0.712	0.847	0.849	0.765
*92	Upper Kolab	ODI	0.935	0.595	0.793	0.475	0.721	0.799	0.494	0.753	0.8	0.56	0.772	0.844	0.61
*93	Upper Indravati	ODI	1.456	1.319	1.272	0.931	1.351	1.32	0.986	1.353	1.335	1.02	1.347	1.369	1.078
94	Sapua	ODI	0.006	0.006	0.005	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
*95	Thein Dam	PUN	2.344	2.039	1.8	1.665	2.039	1.8	1.653	2.039	1.76	1.638	1.999	2.237	1.694
*96	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.34	1.461	1.711	1.393	1.519	1.711	1.412	1.531	1.711	1.666	1.562
97	Jhakam	RAJ	0.132	0.132	0.103	0.109	0.132	0.112	0.114	0.132	0.114	0.115	0.132	0.132	0.117
*98	Rana Pratap Sagar	RAJ	1.436	1.412	0.83	0.91	1.436	0.977	1.044	1.426	0.981	1.084	1.435	1.003	1.053
99	Bisalpur	RAJ	1.076	1.076	0.228	0.628	1.076	0.239	0.655	1.076	0.255	0.664	1.076	0.279	0.693
100	Lower Bhawani	TN	0.792	0.692	0.792	0.386	0.734	0.792	0.386	0.732	0.792	0.378	0.729	0.791	0.369
*101	Mettur (Stanley)	TN	2.647	2.464	2.647	1.563	2.647	2.501	1.58	2.647	2.244	1.545	2.647	2.008	1.456
102	Vaigai	TN	0.172	0.073	0.159	0.06	0.075	0.14	0.061	0.082	0.1	0.058	0.087	0.086	0.058
103	Parambikulam	TN	0.38	0.307	0.377	0.278	0.351	0.379	0.285	0.362	0.375	0.289	0.367	0.368	0.291

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 05.09.2019			As per Bulleting dated 12.09.2019			As per Bulleting dated 19.09.2019			As per Bulleting dated 26.09.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
104	Aliyar	TN	0.095	0.056	0.093	0.07	0.073	0.094	0.072	0.074	0.09	0.071	0.074	0.084	0.071
*105	Sholayar	TN	0.143	0.134	0.129	0.116	0.132	0.129	0.119	0.129	0.128	0.122	0.129	0.129	0.124
106	Gumti	TRP	0.312	0.178	0.285	0.193	0.178	0.275	0.198	0.178	0.273	0.188	0.178	0.278	0.199
107	Matatila	UP	0.707	0.609	0.589	0.534	0.609	0.635	0.565	0.641	0.641	0.594	0.641	0.641	0.65
*108	Rihand	UP	5.649	2.227	3.428	2.872	2.3	4.022	3.029	2.578	3.969	2.958	2.723	3.982	3.164
109	Sharda Sagar	UP	0.33	0.128	0.189	0.192	0.11	0.189	0.188	0.097	0.188	0.19	0.089	0.203	0.19
*110	Ramganga	UKH	2.196	1.182	1.148	1.312	1.279	1.218	1.382	1.352	1.273	1.464	1.393	1.348	1.5
*111	Tehri	UKH	2.615	2.402	2.242	2.154	2.473	2.234	2.197	2.503	2.377	2.289	2.529	2.44	2.344
112	Mayurakshi	WB	0.48	0.186	0.219	0.253	0.16	0.256	0.266	0.158	0.26	0.275	0.16	0.238	0.291
113	Kangsabati	WB	0.914	0.43	0.447	0.519	0.482	0.527	0.56	0.544	0.534	0.558	0.473	0.53	0.557
<b>Reservoirs</b>			<b>168.772</b>	<b>133.588</b>	<b>122.024</b>	<b>108.901</b>	<b>139.222</b>	<b>125.366</b>	<b>114.95</b>	<b>144.179</b>	<b>124.912</b>	<b>117.65</b>	<b>146.203</b>	<b>127.231</b>	<b>121.182</b>
<b>Percentage</b>			79.15294	72.30109	64.52551	82.49117	74.28128	68.10964	85.42827	74.01228	69.70943	86.62752	75.38632	71.80219	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.826	3.578	5.297	5.905	3.124	5.242	5.864	2.444	5.014	5.878	2.547	4.898
*2	Nagarjuna Sagar	AP/TG	6.841	5.108	4.449	3.716	5.108	4.360	3.374	5.108	4.449	3.639	5.074	3.995	3.692
3	Somasila	AP	1.994	1.953	1.179	0.912	1.994	1.170	1.073	1.994	1.172	1.143	1.994	1.202	1.151
4	Yeleru	AP	0.508	0.493	0.421	0.209	0.499	0.441	0.223	0.489	0.444	0.236	0.507	0.446	0.238
5	Sriramsagar	TG	2.300	2.128	1.749	1.436	2.218	1.500	1.548	2.300	1.280	1.441	2.300	1.098	1.416
6	Lower Manair	TG	0.621	0.549	0.233	0.353	0.582	0.189	0.374	0.547	0.215	0.348	0.534	0.230	0.346
7	Nizam Sagar	TG	0.482	0.091	0.023	0.209	0.096	0.011	0.214	0.098	0.010	0.226	0.102	0.006	0.231
8	Singur	TG	0.822	0.021	0.109	0.485	0.027	0.106	0.499	0.027	0.102	0.509	0.027	0.098	0.508
9	Tenughat	JHA	0.821	0.405	0.409	0.398	0.418	0.410	0.390	0.417	0.411	0.390	0.449	0.411	0.392
10	Maithon	JHA	0.471	0.471	0.461	0.444	0.471	0.402	0.433	0.471	0.340	0.423	0.471	0.331	0.413
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.176	0.184	0.139	0.164	0.184	0.130	0.167	0.184	0.135	0.153
12	Konar	JHA	0.176	0.136	0.148	0.153	0.147	0.146	0.155	0.151	0.145	0.156	0.153	0.143	0.155
13	Tilaiya	JHA	0.142	0.111	0.131	0.119	0.121	0.130	0.120	0.124	0.130	0.123	0.127	0.129	0.122
*14	Ukai	GUJ	6.615	6.615	2.867	5.107	6.615	2.867	5.116	6.615	2.749	5.058	6.615	2.532	4.785
15	Sabarmati (Dharoi)	GUJ	0.735	0.711	0.204	0.540	0.735	0.201	0.542	0.735	0.197	0.549	0.735	0.193	0.542
*16	Kadana	GUJ	1.472	1.163	1.148	1.152	1.186	1.106	1.083	1.189	1.063	1.036	1.189	1.050	1.015
17	Shetrunjji	GUJ	0.300	0.249	0.125	0.200	0.271	0.123	0.201	0.276	0.122	0.190	0.276	0.118	0.188
18	Bhadar	GUJ	0.188	0.188	0.090	0.118	0.188	0.084	0.118	0.188	0.074	0.108	0.188	0.060	0.104
19	Damanganga	GUJ	0.502	0.480	0.398	0.470	0.480	0.400	0.480	0.480	0.398	0.479	0.480	0.396	0.483
20	Dantiwada	GUJ	0.399	0.138	0.077	0.184	0.146	0.075	0.187	0.150	0.070	0.191	0.150	0.055	0.188

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Panam	GUJ	0.697	0.549	0.553	0.516	0.553	0.553	0.515	0.553	0.545	0.490	0.553	0.539	0.481
*22	Sardar Sarovar	GUJ	5.760	5.596	2.658	1.765	5.712	2.713	1.706	5.622	2.619	1.682	5.605	2.706	1.758
23	Karjan	GUJ	0.523	0.513	0.457	0.460	0.503	0.454	0.467	0.515	0.449	0.473	0.515	0.436	0.463
24	Sukhi (Guj)	GUJ	0.167	0.167	0.107	0.122	0.163	0.108	0.122	0.163	0.108	0.122	0.163	0.108	0.121
25	Watrak	GUJ	0.154	0.135	0.058	0.114	0.135	0.058	0.113	0.135	0.058	0.112	0.135	0.057	0.112
26	Hathmati	GUJ	0.153	0.133	0.100	0.063	0.145	0.101	0.063	0.149	0.101	0.063	0.149	0.101	0.063
27	Machchhu-I	GUJ	0.071	0.069	0.014	0.037	0.069	0.014	0.037	0.069	0.013	0.036	0.069	0.013	0.036
28	Machchhu-II	GUJ	0.091	0.084	0.008	0.051	0.084	0.009	0.051	0.084	0.012	0.050	0.084	0.018	0.050
29	Und-I	GUJ	0.066	0.066	0.020	0.040	0.066	0.015	0.039	0.066	0.012	0.038	0.066	0.010	0.037
30	Brahmani (Guj)	GUJ	0.071	0.056	0.006	0.028	0.056	0.005	0.027	0.055	0.005	0.027	0.054	0.005	0.027
*31	Gobind Sagar (Bhakra)	HP	6.229	5.389	5.303	5.334	5.266	5.198	5.260	5.160	5.147	5.178	5.085	5.432	5.222
*32	Pong Dam (Beas)	HP	6.157	5.627	6.096	5.082	5.403	6.024	5.084	5.338	5.852	4.978	5.156	5.689	4.723
*33	Kol Dam	HP	0.089	0.047	0.061	0.077	0.067	0.075	0.077	0.077	0.062	0.077	0.076	0.071	0.080
34	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.893	1.163	1.163	0.889	1.163	1.163	0.910	1.163	1.163	0.918
*35	Tungabhadra	KAR	3.276	2.856	2.432	2.483	2.856	2.344	2.479	2.856	2.153	2.427	2.768	2.157	2.363
36	Ghataprabha (Hidkal)	KAR	1.391	1.386	1.305	1.207	1.387	1.207	1.269	1.387	1.203	1.187	1.387	1.200	1.178
37	Bhadra	KAR	1.785	1.776	1.749	1.527	1.781	1.743	1.557	1.781	1.720	1.501	1.772	1.698	1.422
38	Linganamakkki	KAR	4.294	4.236	4.023	3.451	4.255	3.990	3.466	4.288	3.907	3.496	4.273	3.876	3.452
39	Narayanpur	KAR	0.863	0.740	0.663	0.689	0.738	0.618	0.736	0.739	0.586	0.710	0.590	0.596	0.709
40	Malaprabha (Renuka)	KAR	0.972	0.972	0.733	0.601	0.972	0.644	0.620	0.972	0.644	0.584	0.972	0.635	0.582
41	Kabini	KAR	0.444	0.444	0.414	0.267	0.437	0.433	0.250	0.437	0.429	0.242	0.442	0.440	0.234

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
42	Hemavathy	KAR	0.927	0.927	0.832	0.670	0.927	0.786	0.648	0.927	0.740	0.622	0.927	0.695	0.590
43	Harangi	KAR	0.220	0.201	0.184	0.188	0.212	0.178	0.169	0.219	0.171	0.160	0.219	0.152	0.149
44	Supa	KAR	4.120	3.971	3.908	2.846	4.006	3.804	2.844	3.988	3.751	2.830	4.042	3.723	2.799
45	Vani Vilas Sagar	KAR	0.802	0.014	0.020	0.096	0.026	0.022	0.106	0.037	0.026	0.120	0.172	0.030	0.120
*46	Almatti	KAR	3.105	3.105	2.629	2.824	3.105	2.475	2.842	3.105	2.200	2.807	2.933	1.953	2.739
*47	Gerusoppa	KAR	0.130	0.093	0.101	0.103	0.103	0.083	0.098	0.110	0.116	0.100	0.105	0.092	0.103
*48	Mani Dam	KAR	0.884	0.696	0.830	0.675	0.694	0.830	0.674	0.685	0.811	0.664	0.695	0.796	0.649
49	Tattihalla	KAR	0.249	0.148	0.119	0.083	0.142	0.120	0.094	0.140	0.122	0.099	0.224	0.124	0.098
50	Kallada (Parappar)	KRL	0.507	0.441	0.423	0.344	0.439	0.404	0.360	0.435	0.405	0.365	0.437	0.420	0.378
*51	Idamalayar	KRL	1.018	0.735	0.752	0.761	0.749	0.730	0.767	0.756	0.726	0.770	0.790	0.731	0.768
*52	Idukki	KRL	1.460	1.017	1.203	0.968	1.023	1.196	0.977	1.024	1.192	0.979	1.061	1.220	0.987
*53	Kakki	KRL	0.447	0.336	0.346	0.325	0.333	0.346	0.328	0.329	0.342	0.328	0.344	0.352	0.333
*54	Periyar	KRL	0.173	0.092	0.103	0.076	0.082	0.143	0.077	0.083	0.140	0.075	0.101	0.154	0.080
55	Malampuzha	KRL	0.224	0.200	0.197	0.175	0.203	0.189	0.178	0.210	0.190	0.181	0.209	0.195	0.182
*56	Gandhi Sagar	MP	6.827	6.342	2.911	3.759	6.591	2.911	3.900	6.553	2.911	4.216	6.597	2.911	3.869
57	Tawa	MP	1.944	1.944	1.579	1.862	1.944	1.579	1.863	1.944	1.579	1.866	1.944	1.579	1.866
*58	Bargi	MP	3.180	3.159	2.968	2.927	3.180	2.870	2.901	3.159	2.772	2.877	3.180	2.702	2.847
*59	Bansagar	MP	5.166	5.166	5.166	4.010	5.166	5.080	3.939	5.166	4.885	3.885	5.166	4.885	3.885
*60	Indira Sagar	MP	9.745	9.745	9.566	8.226	9.718	9.301	8.159	9.697	9.190	8.053	9.685	8.988	7.785
61	Barna Dam	MP	0.456	0.456	0.243	0.371	0.456	0.209	0.357	0.449	0.204	0.349	0.429	0.203	0.362
*62	Omkareshwar	MP	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
63	Sanjay Sarovar	MP	0.508	0.368	0.263	0.369	0.394	0.243	0.360	0.508	0.243	0.353	0.404	0.243	0.349
64	Kolar Dam	MP	0.270	0.264	0.116	0.180	0.266	0.116	0.183	0.267	0.115	0.182	0.266	0.114	0.182
*65	Minimata Bango	CHH	3.046	2.625	2.455	2.218	2.634	2.318	2.215	2.577	2.224	2.150	2.548	2.080	2.070
66	Mahanadi	CHH	0.767	0.444	0.505	0.606	0.429	0.418	0.512	0.424	0.399	0.502	0.509	0.430	0.523
67	Dudhawa	CHH	0.284	0.252	0.280	0.203	0.221	0.256	0.182	0.216	0.208	0.162	0.235	0.159	0.142
68	Jayakwadi (Paithan)	MAH	2.171	2.171	0.914	0.958	2.171	0.848	0.977	2.171	0.774	0.972	2.171	0.703	0.955
*69	Koyana	MAH	2.652	2.652	2.592	2.566	2.652	2.417	2.587	2.652	2.483	2.525	2.652	2.441	2.495
70	Bhima (Ujjani)	MAH	1.517	1.517	1.514	1.180	1.517	1.494	1.244	1.517	1.464	1.255	1.517	1.439	1.366
71	Isapur	MAH	0.965	0.370	0.644	0.573	0.389	0.640	0.584	0.400	0.634	0.584	0.432	0.629	0.582
72	Mula	MAH	0.609	0.609	0.419	0.482	0.607	0.412	0.489	0.608	0.404	0.489	0.609	0.396	0.485
73	Yeldari	MAH	0.809	0.064	0.076	0.342	0.086	0.076	0.341	0.095	0.075	0.344	0.128	0.075	0.329
74	Girna	MAH	0.524	0.524	0.250	0.210	0.524	0.249	0.216	0.524	0.248	0.222	0.524	0.246	0.221
75	Khadakvasla	MAH	0.056	0.049	0.047	0.042	0.038	0.041	0.040	0.040	0.040	0.038	0.051	0.038	0.036
*76	Upper Vaitarna	MAH	0.331	0.330	0.324	0.307	0.330	0.324	0.306	0.330	0.323	0.304	0.331	0.322	0.306
77	Upper Tapi	MAH	0.255	0.233	0.254	0.245	0.251	0.255	0.250	0.255	0.255	0.255	0.255	0.255	0.255
*78	Pench (Totladoh)	MAH	1.091	1.017	0.305	0.804	1.015	0.227	0.781	1.014	0.182	0.740	1.017	0.152	0.705
79	Upper Wardha	MAH	0.564	0.564	0.294	0.528	0.564	0.290	0.530	0.564	0.285	0.527	0.564	0.270	0.521
80	Bhatsa	MAH	0.942	0.942	0.880	0.891	0.942	0.864	0.887	0.937	0.846	0.881	0.934	0.828	0.868
81	Dhom	MAH	0.331	0.331	0.287	0.287	0.331	0.285	0.290	0.331	0.282	0.290	0.330	0.281	0.289
82	Dudhganga	MAH	0.664	0.664	0.655	0.643	0.664	0.653	0.646	0.664	0.649	0.646	0.664	0.639	0.644
83	Manikdoh	MAH	0.288	0.247	0.217	0.172	0.252	0.217	0.173	0.253	0.216	0.174	0.254	0.200	0.182

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
84	Bhandardara	MAH	0.304	0.304	0.304	0.295	0.304	0.297	0.294	0.304	0.279	0.290	0.304	0.265	0.283
85	Urmodi	MAH	0.273	0.272	0.245	0.252	0.272	0.236	0.253	0.273	0.228	0.253	0.273	0.219	0.251
86	Bhatghar	MAH	0.673	0.667	0.666	0.644	0.667	0.666	0.646	0.667	0.666	0.646	0.667	0.664	0.645
87	Nira Deoghar	MAH	0.332	0.332	0.332	0.318	0.332	0.332	0.318	0.332	0.332	0.318	0.332	0.331	0.316
*88	Thokarwadi	MAH	0.353	0.353	0.353	0.277	0.353	0.327	0.285	0.353	0.321	0.276	0.353	0.310	0.279
89	Kanher	MAH	0.272	0.270	0.261	0.261	0.270	0.259	0.262	0.272	0.254	0.260	0.270	0.250	0.258
*90	Alwandi	MAH	0.331	0.331	0.324	0.307	0.330	0.324	0.308	0.330	0.323	0.307	0.331	0.322	0.306
*91	Mulshi	MAH	0.572	0.572	0.536	0.493	0.521	0.536	0.494	0.508	0.501	0.481	0.500	0.499	0.476
*92	Doyang Hep	NAG	0.535	0.327	0.261	0.351	0.322	0.259	0.342	0.327	0.267	0.341	0.334	0.271	0.339
*93	Hirakud	ODI	5.378	4.701	4.727	5.094	4.823	4.637	4.99	4.823	4.535	4.818	4.823	4.49	4.837
*94	Balimela	ODI	2.676	2.531	2.638	1.521	2.523	2.623	1.476	2.628	2.57	1.759	2.581	2.488	1.641
95	Salanadi	ODI	0.558	0.407	0.474	0.299	0.393	0.426	0.291	0.368	0.462	0.293	0.321	0.42	0.256
*96	Rengali	ODI	3.432	3.432	2.751	2.722	3.432	2.644	2.849	3.432	2.377	2.871	3.432	2.092	2.819
*97	Machkund (Jalaput)	ODI	0.893	0.842	0.838	0.779	0.85	0.845	0.795	0.84	0.836	0.802	0.848	0.825	0.792
*98	Upper Kolab	ODI	0.935	0.776	0.846	0.612	0.772	0.835	0.584	0.819	0.806	0.629	0.817	0.775	0.599
*99	Upper Indravati	ODI	1.456	1.345	1.342	1.053	1.329	1.322	1.087	1.321	1.274	1.065	1.291	1.174	1.058
100	Sapua	ODI	0.006	0.006	0.006	0.005	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
*101	Thein Dam	PUN	2.344	2.039	2.277	1.626	1.999	2.237	1.58	1.999	2.237	1.548	1.919	2.158	1.507
*102	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.71	1.566	1.711	1.711	1.569	1.711	1.711	1.553	1.711	1.711	1.552
103	Jhakam	RAJ	0.132	0.132	0.132	0.117	0.132	0.132	0.117	0.132	0.132	0.116	0.132	0.132	0.116
*104	Rana Pratap Sagar	RAJ	1.436	1.436	0.996	1.086	1.436	0.983	0.991	1.436	0.942	1.044	1.425	0.875	0.895

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 03.10.2019			As per Bulleting dated 10.10.2019			As per Bulleting dated 17.10.2019			As per Bulleting dated 24.10.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
105	Bisalpur	RAJ	1.076	1.076	0.303	0.699	1.076	0.304	0.694	1.076	0.302	0.687	1.076	0.298	0.677
106	Lower Bhawani	TN	0.792	0.722	0.792	0.358	0.723	0.792	0.349	0.748	0.792	0.342	0.792	0.792	0.347
*107	Mettur (Stanley)	TN	2.647	2.634	1.934	1.398	2.502	1.962	1.326	2.345	1.961	1.248	2.647	2.02	1.18
108	Vaigai	TN	0.172	0.099	0.088	0.061	0.109	0.121	0.062	0.105	0.14	0.065	0.121	0.158	0.073
109	Parambikulam	TN	0.38	0.369	0.366	0.291	0.371	0.365	0.29	0.371	0.361	0.29	0.371	0.356	0.29
110	Aliyar	TN	0.095	0.076	0.083	0.071	0.079	0.082	0.07	0.082	0.078	0.069	0.086	0.08	0.071
*111	Sholayar	TN	0.143	0.129	0.127	0.124	0.125	0.127	0.122	0.128	0.126	0.12	0.129	0.121	0.115
112	Gumti	TRP	0.312	0.174	0.275	0.203	0.174	0.27	0.205	0.172	0.27	0.205	0.166	0.266	0.211
113	Matatila	UP	0.707	0.641	0.641	0.641	0.641	0.641	0.642	0.641	0.602	0.624	0.641	0.541	0.578
*114	Rihand	UP	5.649	3.234	3.868	3.1	3.428	3.692	3.09	3.478	3.579	3.06	3.503	3.453	2.99
115	Sharda Sagar	UP	0.33	0.144	0.196	0.186	0.222	0.296	0.193	0.278	0.198	0.19	0.303	0.223	0.212
116	Jirgo	UP	0.147	0.128	0.093	0.082	0.128	0.093	0.082	0.136	0.084	0.075	0.13	0.08	0.071
*117	Ramganga	UKH	2.196	1.47	1.392	1.527	1.516	1.417	1.543	1.542	1.434	1.549	1.558	1.445	1.55
*118	Tehri	UKH	2.615	2.512	2.474	2.337	2.52	2.495	2.325	2.508	2.499	2.326	2.486	2.508	2.312
119	Mayurakshi	WB	0.48	0.294	0.209	0.29	0.34	0.196	0.284	0.349	0.183	0.26	0.297	0.143	0.229
120	Kangsabati	WB	0.914	0.549	0.465	0.538	0.591	0.383	0.504	0.609	0.327	0.47	0.539	0.333	0.439
<b>Reservoirs</b>			<b>172.061</b>	<b>151.086</b>	<b>128.602</b>	<b>123.164</b>	<b>151.9</b>	<b>125.225</b>	<b>122.753</b>	<b>151.828</b>	<b>121.55</b>	<b>122.004</b>	<b>151.68</b>	<b>119.064</b>	<b>119.719</b>
<b>Percentage</b>			<b>87.80956</b>	<b>74.7421</b>	<b>71.58159</b>	<b>89.18087</b>	<b>73.51991</b>	<b>72.0686</b>	<b>89.1386</b>	<b>71.36231</b>	<b>71.62886</b>	<b>89.05171</b>	<b>69.90278</b>	<b>70.28733</b>	

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.973	2.553	5.088	5.664	2.486	4.773	5.752	2.444	4.668	5.393	2.295	4.524
*2	Nagarjuna Sagar	AP/TG	6.841	5.066	3.587	3.632	5.066	3.296	3.482	4.998	3.051	3.286	4.982	2.631	3.059
3	Somasila	AP	1.994	1.994	1.198	1.201	1.994	1.190	1.219	1.981	1.133	1.245	1.947	1.086	1.347
4	Yeleru	AP	0.508	0.493	0.454	0.257	0.497	0.454	0.281	0.493	0.454	0.283	0.493	0.454	0.284
5	Sriramsagar	TG	2.300	2.300	1.016	1.399	2.300	0.992	1.380	2.300	0.986	1.257	2.300	0.980	1.355
6	Lower Manair	TG	0.621	0.559	0.247	0.343	0.551	0.252	0.342	0.614	0.249	0.315	0.573	0.247	0.351
7	Nizam Sagar	TG	0.482	0.108	0.006	0.233	0.115	0.006	0.245	0.116	0.006	0.247	0.116	0.006	0.246
8	Singur	TG	0.822	0.034	0.073	0.493	0.043	0.070	0.485	0.047	0.067	0.461	0.047	0.064	0.453
9	Tenughat	JHA	0.821	0.424	0.409	0.387	0.431	0.403	0.390	0.437	0.398	0.389	0.431	0.393	0.388
10	Maithon	JHA	0.471	0.471	0.271	0.402	0.471	0.265	0.393	0.471	0.253	0.392	0.471	0.244	0.389
*11	Panchet Hill	JHA	0.184	0.184	0.131	0.141	0.184	0.132	0.147	0.184	0.134	0.149	0.184	0.139	0.151
12	Konar	JHA	0.176	0.169	0.143	0.154	0.170	0.139	0.153	0.170	0.137	0.152	0.170	0.133	0.150
13	Tilaiya	JHA	0.142	0.131	0.129	0.120	0.129	0.128	0.118	0.130	0.126	0.116	0.130	0.116	0.114
*14	Ukai	GUJ	6.615	6.615	2.410	4.882	6.615	2.377	4.784	6.615	2.348	4.439	6.615	2.318	4.551
15	Sabarmati (Dharoi)	GUJ	0.735	0.735	0.189	0.526	0.735	0.184	0.509	0.735	0.179	0.490	0.724	0.175	0.477
*16	Kadana	GUJ	1.472	1.189	1.050	1.043	1.186	1.050	1.006	1.192	1.050	0.982	1.192	1.025	1.030
17	Shetrunjji	GUJ	0.300	0.276	0.117	0.198	0.276	0.107	0.193	0.276	0.090	0.177	0.275	0.074	0.183
18	Bhadar	GUJ	0.188	0.184	0.055	0.110	0.188	0.052	0.105	0.187	0.049	0.092	0.184	0.047	0.088
19	Damanganga	GUJ	0.502	0.480	0.389	0.483	0.480	0.379	0.476	0.470	0.366	0.469	0.463	0.348	0.455
20	Dantiwada	GUJ	0.399	0.149	0.040	0.177	0.148	0.036	0.180	0.147	0.035	0.162	0.145	0.035	0.150

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Panam	GUJ	0.697	0.553	0.535	0.482	0.553	0.532	0.476	0.553	0.528	0.463	0.552	0.522	0.469
*22	Sardar Sarovar	GUJ	5.760	5.708	2.725	1.676	5.696	2.938	1.725	5.702	2.901	1.667	5.525	2.774	1.561
23	Karjan	GUJ	0.523	0.514	0.428	0.463	0.513	0.412	0.456	0.510	0.411	0.443	0.510	0.408	0.426
24	Sukhi (Guj)	GUJ	0.167	0.163	0.108	0.119	0.163	0.107	0.077	0.163	0.106	0.110	0.163	0.103	0.068
25	Watrank	GUJ	0.154	0.135	0.055	0.111	0.135	0.054	0.100	0.135	0.053	0.098	0.154	0.051	0.083
26	Hathmati	GUJ	0.153	0.149	0.101	0.063	0.149	0.100	0.087	0.149	0.100	0.086	0.149	0.099	0.056
27	Machchhu-I	GUJ	0.071	0.069	0.013	0.036	0.068	0.012	0.028	0.069	0.012	0.030	0.069	0.011	0.024
28	Machchhu-II	GUJ	0.091	0.084	0.022	0.049	0.084	0.021	0.036	0.084	0.020	0.033	0.084	0.019	0.036
29	Und-I	GUJ	0.066	0.066	0.010	0.036	0.066	0.007	0.023	0.066	0.006	0.022	0.066	0.005	0.019
30	Brahmani (Guj)	GUJ	0.071	0.054	0.004	0.027	0.054	0.004	0.022	0.054	0.004	0.020	0.054	0.004	0.020
*31	Gobind Sagar (Bhakra)	HP	6.229	4.944	5.393	5.147	4.762	5.370	5.066	4.680	5.338	4.973	4.609	5.331	4.999
*32	Pong Dam (Beas)	HP	6.157	5.176	5.571	4.577	4.133	5.455	4.516	4.026	5.304	4.366	3.850	5.202	4.127
*33	Kol Dam	HP	0.089	0.081	0.074	0.080	0.082	0.077	0.079	0.082	0.074	0.081	0.080	0.084	0.078
34	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.895	1.163	1.163	0.905	1.163	1.115	0.895	1.163	1.052	0.878
*35	Tungabhadra	KAR	3.276	2.856	1.997	2.268	2.856	1.807	2.181	2.836	1.638	2.059	2.732	1.487	1.958
36	Ghataprabha (Hidkal)	KAR	1.391	1.387	1.198	1.177	1.387	1.184	1.132	1.387	1.132	1.140	1.387	1.014	1.038
37	Bhadra	KAR	1.785	1.773	1.676	1.477	1.776	1.610	1.414	1.771	1.582	1.396	1.749	1.532	1.371
38	Linganamakki	KAR	4.294	4.259	3.816	3.414	4.231	3.713	3.374	4.113	3.633	3.437	4.094	3.572	3.273
39	Narayanpur	KAR	0.863	0.740	0.632	0.694	0.740	0.483	0.661	0.740	0.384	0.636	0.673	0.277	0.635
40	Malaprabha (Renuka)	KAR	0.972	0.972	0.612	0.575	0.972	0.553	0.535	0.972	0.528	0.537	0.972	0.462	0.493
41	Kabini	KAR	0.444	0.443	0.418	0.223	0.438	0.394	0.215	0.433	0.369	0.206	0.410	0.347	0.191
42	Hemavathy	KAR	0.927	0.927	0.623	0.553	0.927	0.553	0.528	0.927	0.521	0.507	0.875	0.480	0.479

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.210	0.130	0.130	0.200	0.111	0.113	0.179	0.095	0.098	0.158	0.082	0.084
44	Supa	KAR	4.120	4.068	3.668	2.778	4.062	3.579	2.753	4.039	3.506	2.828	3.999	3.440	2.697
45	Vani Vilas Sagar	KAR	0.802	0.195	0.030	0.115	0.226	0.029	0.122	0.235	0.029	0.127	0.245	0.028	0.133
*46	Almatti	KAR	3.105	3.105	1.723	2.617	3.105	1.634	2.521	3.105	1.601	2.395	3.105	1.550	2.239
*47	Gerusoppa	KAR	0.130	0.100	0.104	0.107	0.090	0.117	0.107	0.101	0.114	0.103	0.107	0.111	0.109
*48	Mani Dam	KAR	0.884	0.704	0.782	0.638	0.689	0.770	0.628	0.676	0.753	0.613	0.666	0.741	0.594
49	Tattihalla	KAR	0.249	0.211	0.125	0.100	0.185	0.125	0.101	0.152	0.125	0.101	0.117	0.125	0.101
50	Kallada (Parappar)	KRL	0.507	0.442	0.434	0.388	0.449	0.448	0.401	0.446	0.439	0.405	0.452	0.441	0.407
*51	Idamalayar	KRL	1.018	0.813	0.716	0.766	0.810	0.707	0.763	0.807	0.696	0.762	0.804	0.692	0.756
*52	Idukki	KRL	1.460	1.095	1.199	0.990	1.121	1.174	0.994	1.139	1.153	0.970	1.143	1.157	0.998
*53	Kakki	KRL	0.447	0.354	0.348	0.335	0.359	0.340	0.339	0.364	0.330	0.342	0.366	0.328	0.342
*54	Periyar	KRL	0.173	0.106	0.141	0.085	0.103	0.129	0.093	0.098	0.110	0.102	0.113	0.115	0.105
55	Malampuzha	KRL	0.224	0.213	0.195	0.184	0.213	0.195	0.184	0.216	0.182	0.183	0.217	0.172	0.179
*56	Gandhi Sagar	MP	6.827	6.584	2.912	4.192	6.607	2.873	3.995	6.466	2.832	3.633	6.466	2.702	4.132
57	Tawa	MP	1.944	1.944	1.527	1.856	1.944	1.452	1.810	1.944	1.405	1.762	1.944	1.269	1.654
*58	Bargi	MP	3.180	3.180	2.660	2.815	3.159	2.590	2.766	3.148	2.590	2.738	3.079	2.534	2.676
*59	Bansagar	MP	5.166	5.157	4.781	3.762	5.166	4.718	3.619	5.021	4.673	3.569	4.894	4.615	3.678
*60	Indira Sagar	MP	9.745	9.715	8.791	7.782	9.667	8.356	7.498	9.673	8.297	7.312	9.673	8.187	7.140
61	Barna Dam	MP	0.456	0.418	0.201	0.342	0.418	0.200	0.364	0.418	0.197	0.339	0.418	0.195	0.338
*62	Omkareswar	MP	0.299	0.160	0.000	0.000	0.265	0.000	0.000	0.253	0.000	0.000	0.266	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.404	0.243	0.347	0.404	0.243	0.342	0.404	0.234	0.331	0.404	0.215	0.314
64	Kolar Dam	MP	0.270	0.267	0.109	0.179	0.267	0.095	0.167	0.267	0.085	0.155	0.267	0.075	0.148

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*65	Minimata Bango	CHH	3.046	2.553	2.011	2.037	2.554	2.002	2.029	2.553	1.996	2.023	2.548	1.983	2.016
66	Mahanadi	CHH	0.767	0.585	0.494	0.512	0.643	0.538	0.553	0.675	0.537	0.569	0.680	0.533	0.557
67	Dudhawa	CHH	0.284	0.256	0.113	0.134	0.231	0.086	0.133	0.222	0.090	0.133	0.217	0.092	0.132
68	Jayakwadi (Paithan)	MAH	2.171	2.171	0.651	0.940	2.171	0.712	0.935	2.171	0.668	0.919	2.171	0.624	0.908
*69	Koyana	MAH	2.652	2.652	2.392	2.493	2.652	2.380	2.534	2.652	2.319	2.413	2.652	2.302	2.384
70	Bhima (Ujjani)	MAH	1.517	1.517	1.308	1.234	1.517	1.188	1.316	1.517	1.027	1.162	1.517	0.943	1.137
71	Isapur	MAH	0.965	0.556	0.623	0.563	0.701	0.618	0.601	0.722	0.604	0.571	0.762	0.575	0.560
72	Mula	MAH	0.609	0.609	0.393	0.481	0.609	0.330	0.469	0.609	0.321	0.466	0.609	0.310	0.465
73	Yeldari	MAH	0.809	0.452	0.073	0.344	0.754	0.072	0.363	0.794	0.071	0.331	0.809	0.070	0.322
74	Girna	MAH	0.524	0.524	0.244	0.220	0.524	0.225	0.233	0.524	0.202	0.215	0.524	0.199	0.214
75	Khadakvasla	MAH	0.056	0.056	0.034	0.034	0.056	0.039	0.035	0.051	0.041	0.037	0.048	0.040	0.038
*76	Upper Vaitarna	MAH	0.331	0.331	0.321	0.305	0.331	0.314	0.309	0.331	0.307	0.298	0.331	0.300	0.294
77	Upper Tapi	MAH	0.255	0.253	0.254	0.255	0.251	0.246	0.254	0.255	0.239	0.253	0.255	0.228	0.250
*78	Pench (Totladoh)	MAH	1.091	1.017	0.147	0.685	1.015	0.139	0.654	1.013	0.136	0.627	1.007	0.132	0.614
79	Upper Wardha	MAH	0.564	0.564	0.244	0.513	0.564	0.221	0.501	0.564	0.218	0.490	0.559	0.213	0.481
80	Bhatsa	MAH	0.942	0.928	0.819	0.863	0.912	0.796	0.848	0.897	0.773	0.820	0.879	0.756	0.804
81	Dhom	MAH	0.331	0.330	0.273	0.285	0.331	0.263	0.290	0.331	0.245	0.273	0.331	0.233	0.268
82	Dudhganga	MAH	0.664	0.664	0.627	0.640	0.664	0.615	0.652	0.664	0.611	0.625	0.664	0.592	0.614
83	Manikdoh	MAH	0.288	0.256	0.177	0.169	0.256	0.151	0.175	0.256	0.132	0.160	0.255	0.114	0.153
84	Bhandardara	MAH	0.304	0.304	0.194	0.273	0.304	0.160	0.279	0.304	0.131	0.263	0.304	0.126	0.262
85	Urmodi	MAH	0.273	0.273	0.210	0.249	0.273	0.208	0.247	0.273	0.207	0.246	0.273	0.203	0.244
86	Bhatghar	MAH	0.673	0.667	0.662	0.644	0.667	0.660	0.642	0.667	0.628	0.637	0.661	0.601	0.629

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
87	Nira Deoghar	MAH	0.332	0.332	0.324	0.310	0.332	0.312	0.308	0.332	0.299	0.302	0.331	0.285	0.295
*88	Thokarwadi	MAH	0.353	0.353	0.310	0.276	0.353	0.310	0.270	0.353	0.310	0.266	0.350	0.310	0.262
89	Kanher	MAH	0.272	0.271	0.244	0.255	0.271	0.237	0.248	0.272	0.235	0.244	0.272	0.234	0.241
*90	Alwandi	MAH	0.331	0.331	0.318	0.303	0.331	0.312	0.301	0.331	0.329	0.300	0.331	0.300	0.294
*91	Mulshi	MAH	0.572	0.489	0.499	0.466	0.474	0.423	0.449	0.459	0.459	0.444	0.445	0.459	0.436
*92	Doyang Hep	NAG	0.535	0.381	0.271	0.336	0.364	0.271	0.327	0.35	0.268	0.326	0.347	0.265	0.321
*93	Hirakud	ODI	5.378	4.818	4.316	4.795	4.786	4.227	4.71	4.814	4.12	4.684	4.818	4.075	4.666
*94	Balimela	ODI	2.676	2.638	2.43	1.853	2.599	2.358	1.502	2.57	2.347	1.825	2.494	2.347	1.827
95	Salanadi	ODI	0.558	0.342	0.379	0.217	0.347	0.34	0.221	0.347	0.323	0.216	0.346	0.318	0.209
*96	Rengali	ODI	3.432	3.432	1.923	2.739	3.432	1.862	2.676	3.432	1.835	2.806	3.432	1.802	2.807
*97	Machkund (Jalaput)	ODI	0.893	0.848	0.808	0.791	0.864	0.795	0.779	0.858	0.775	0.796	0.85	0.764	0.789
*98	Upper Kolab	ODI	0.935	0.86	0.747	0.633	0.868	0.728	0.564	0.86	0.716	0.624	0.855	0.702	0.62
*99	Upper Indravati	ODI	1.456	1.321	1.187	1.052	1.314	1.161	1.008	1.296	1.146	1.011	1.284	1.122	1.019
100	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
*101	Thein Dam	PUN	2.344	1.919	2.118	1.46	1.88	2.039	1.436	1.841	1.959	1.384	1.841	1.88	1.346
*102	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.711	1.566	1.711	1.711	1.504	1.711	1.701	1.521	1.711	1.658	1.511
103	Jhakam	RAJ	0.132	0.132	0.132	0.117	0.132	0.132	0.116	0.132	0.127	0.109	0.131	0.12	0.105
*104	Rana Pratap Sagar	RAJ	1.436	1.429	0.762	0.88	1.405	0.664	0.809	1.373	0.569	0.716	1.182	0.539	0.7
105	Bisalpur	RAJ	1.076	1.076	0.29	0.733	1.076	0.282	0.653	1.076	0.276	0.64	1.076	0.267	0.622
106	Lower Bhawani	TN	0.792	0.792	0.792	0.351	0.792	0.792	0.363	0.792	0.792	0.408	0.792	0.785	0.422
*107	Mettur(Stanley)	TN	2.647	2.647	1.795	1.16	2.647	1.815	1.291	2.647	1.837	1.391	2.647	1.888	1.445
108	Vaigai	TN	0.172	0.124	0.158	0.077	0.13	0.158	0.085	0.105	0.154	0.094	0.1	0.122	0.091

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 31.10.2019			As per Bulleting dated 07.11.2019			As per Bulleting dated 14.11.2019			As per Bulleting dated 21.11.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
109	Parambikulam	TN	0.38	0.373	0.35	0.288	0.375	0.349	0.287	0.374	0.346	0.286	0.373	0.343	0.283
110	Aliyar	TN	0.095	0.09	0.084	0.072	0.093	0.085	0.073	0.092	0.08	0.075	0.094	0.085	0.074
*111	Sholayar	TN	0.143	0.13	0.118	0.11	0.129	0.112	0.105	0.129	0.107	0.102	0.126	0.107	0.1
112	Gumti	TRP	0.312	0.162	0.254	0.201	0.158	0.247	0.186	0.155	0.242	0.195	0.151	0.236	0.187
113	Matatila	UP	0.707	0.641	0.502	0.516	0.596	0.446	0.513	0.534	0.416	0.434	0.437	0.367	0.402
*114	Rihand	UP	5.649	3.528	3.303	2.938	3.549	3.22	2.872	5.649	3.137	2.831	3.528	3.066	2.813
115	Sharda Sagar	UP	0.33	0.249	0.253	0.224	0.256	0.257	0.225	0.33	0.259	0.225	0.33	0.261	0.226
116	Jirgo	UP	0.147	0.118	0.072	0.066	0.117	0.07	0.065	0.116	0.07	0.064	0.116	0.068	0.064
*117	Ramganga	UKH	2.196	1.559	1.456	1.555	1.569	1.46	1.575	1.571	1.462	1.526	1.58	1.464	1.515
*118	Tehri	UKH	2.615	2.473	2.474	2.273	2.419	2.44	2.25	2.373	2.398	2.255	2.32	2.357	2.195
119	Mayurakshi	WB	0.48	0.35	0.125	0.199	0.36	0.123	0.195	0.365	0.122	0.196	0.368	0.121	0.196
120	Kangsabati	WB	0.914	0.661	0.336	0.417	0.688	0.336	0.41	0.701	0.336	0.411	0.703	0.336	0.411
<b>Reservoirs</b>			<b>172.061</b>	<b>153.299</b>	<b>115.571</b>	<b>119.025</b>	<b>152.103</b>	<b>112.475</b>	<b>116.40</b>	<b>153.472</b>	<b>109.821</b>	<b>114.086</b>	<b>149.481</b>	<b>106.648</b>	<b>112.695</b>
<b>Percentage</b>			<b>90.00223</b>	<b>67.85203</b>	<b>69.87988</b>	<b>89.30006</b>	<b>66.03436</b>	<b>68.34402</b>	<b>90.1038</b>	<b>64.47619</b>	<b>66.98018</b>	<b>87.76067</b>	<b>62.61331</b>	<b>66.16352</b>	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.170	2.290	4.239	4.931	2.173	4.167	4.747	2.055	4.094	4.668	1.874	3.979
*2	Nagarjuna Sagar	AP/TG	6.841	4.703	2.458	2.875	4.515	2.218	2.719	4.368	2.150	2.569	4.098	2.150	2.425
3	Somasila	AP	1.994	1.919	1.048	1.387	1.931	0.990	1.389	1.977	0.947	1.363	1.966	0.890	1.338
4	Yeleru	AP	0.508	0.495	0.454	0.284	0.499	0.454	0.284	0.494	0.489	0.286	0.480	0.489	0.282
5	Sriramsagar	TG	2.300	2.300	0.974	1.341	2.300	0.962	1.225	2.300	0.956	1.321	2.300	0.950	1.301
6	Lower Manair	TG	0.621	0.525	0.243	0.356	0.495	0.241	0.325	0.483	0.238	0.355	0.557	0.238	0.355
7	Nizam Sagar	TG	0.482	0.115	0.006	0.244	0.114	0.005	0.265	0.113	0.005	0.238	0.113	0.005	0.230
8	Singur	TG	0.822	0.047	0.060	0.452	0.021	0.058	0.448	0.019	0.055	0.443	0.019	0.053	0.440
9	Tenughat	JHA	0.821	0.436	0.389	0.381	0.440	0.385	0.378	0.426	0.380	0.376	0.430	0.377	0.374
10	Maithon	JHA	0.471	0.471	0.247	0.387	0.471	0.246	0.381	0.471	0.248	0.380	0.471	0.254	0.379
*11	Panchet Hill	JHA	0.184	0.184	0.143	0.152	0.184	0.144	0.152	0.184	0.144	0.152	0.184	0.143	0.152
12	Konar	JHA	0.176	0.170	0.132	0.148	0.169	0.130	0.146	0.169	0.129	0.144	0.168	0.125	0.142
13	Tilaiya	JHA	0.142	0.130	0.102	0.112	0.129	0.089	0.108	0.126	0.075	0.104	0.125	0.064	0.100
*14	Ukai	GUJ	6.615	6.615	2.286	4.469	6.591	2.207	4.169	6.463	2.001	4.216	6.308	1.867	4.113
15	Sabarmati (Dharoi)	GUJ	0.735	0.701	0.170	0.460	0.677	0.166	0.444	0.670	0.162	0.426	0.657	0.158	0.409
*16	Kadana	GUJ	1.472	1.189	1.007	1.023	1.166	0.964	0.972	1.145	0.945	0.963	1.124	0.917	0.955
17	Shetrunji	GUJ	0.300	0.271	0.067	0.180	0.268	0.066	0.175	0.264	0.064	0.162	0.260	0.064	0.158
18	Bhadar	GUJ	0.188	0.186	0.046	0.086	0.180	0.043	0.090	0.177	0.041	0.087	0.175	0.039	0.074
19	Damanganga	GUJ	0.502	0.456	0.332	0.444	0.449	0.325	0.433	0.433	0.315	0.429	0.424	0.300	0.417
20	Dantiwada	GUJ	0.399	0.133	0.034	0.142	0.118	0.034	0.134	0.105	0.034	0.125	0.101	0.033	0.125

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Panam	GUJ	0.697	0.552	0.522	0.467	0.539	0.511	0.456	0.532	0.501	0.448	0.518	0.488	0.438
*22	Sardar Sarovar	GUJ	5.760	5.432	2.430	1.490	5.185	2.191	1.412	4.946	2.044	1.395	4.611	1.877	1.322
23	Karjan	GUJ	0.523	0.511	0.405	0.419	0.511	0.401	0.408	0.510	0.398	0.408	0.510	0.391	0.401
24	Sukhi (Guj)	GUJ	0.167	0.163	0.102	0.119	0.160	0.101	0.084	0.157	0.096	0.059	0.153	0.094	0.081
25	Watrank	GUJ	0.154	0.135	0.047	0.099	0.135	0.045	0.050	0.130	0.041	0.070	0.127	0.039	0.089
26	Hathmati	GUJ	0.153	0.145	0.071	0.056	0.137	0.063	0.051	0.130	0.061	0.059	0.129	0.060	0.047
27	Machchhu-I	GUJ	0.071	0.068	0.011	0.020	0.067	0.010	0.019	0.066	0.010	0.012	0.065	0.010	0.018
28	Machchhu-II	GUJ	0.091	0.084	0.018	0.033	0.083	0.017	0.031	0.082	0.018	0.027	0.080	0.023	0.028
29	Und-I	GUJ	0.066	0.066	0.004	0.018	0.066	0.004	0.028	0.066	0.003	0.016	0.066	0.002	0.013
30	Brahmani (Guj)	GUJ	0.071	0.053	0.003	0.021	0.053	0.003	0.020	0.051	0.003	0.015	0.050	0.004	0.010
*31	Gobind Sagar (Bakra)	HP	6.229	4.545	5.317	4.768	4.172	5.286	4.751	4.356	5.227	4.468	4.261	5.122	4.285
*32	Pong Dam (Beas)	HP	6.157	3.661	4.940	4.059	4.625	4.543	3.875	4.508	4.606	3.699	4.499	4.409	3.428
*33	Kol Dam	HP	0.089	0.081	0.084	0.084	0.083	0.085	0.085	0.082	0.086	0.087	0.082	0.086	0.084
34	Krishnaraja Sagara	KAR	1.163	1.163	1.000	0.853	1.163	0.960	0.830	1.163	0.945	0.808	1.163	0.929	0.787
*35	Tungabhadra	KAR	3.276	2.611	1.341	1.859	2.496	1.221	1.764	2.402	1.144	1.672	2.312	1.056	1.589
36	Ghataprabha (Hidkal)	KAR	1.391	1.387	0.929	0.985	1.372	0.926	0.938	1.291	0.922	0.863	1.213	0.919	0.840
37	Bhadra	KAR	1.785	1.708	1.533	1.388	1.675	1.535	1.402	1.663	1.538	1.400	1.663	1.540	1.367
38	Linganamakki	KAR	4.294	4.005	3.477	3.206	3.920	3.385	3.131	3.824	3.285	3.046	3.731	3.176	2.992
39	Narayanpur	KAR	0.863	0.663	0.216	0.632	0.675	0.246	0.608	0.649	0.242	0.585	0.650	0.218	0.579
40	Malaprabha (Renuka)	KAR	0.972	0.972	0.404	0.481	0.944	0.353	0.448	0.904	0.325	0.409	0.863	0.268	0.371
41	Kabini	KAR	0.444	0.377	0.333	0.175	0.367	0.324	0.163	0.342	0.325	0.160	0.328	0.315	0.162
42	Hemavathy	KAR	0.927	0.810	0.437	0.445	0.792	0.414	0.405	0.706	0.394	0.370	0.637	0.310	0.323

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.132	0.071	0.075	0.124	0.052	0.065	0.101	0.038	0.053	0.090	0.031	0.041
44	Supa	KAR	4.120	3.941	3.353	2.647	3.888	3.278	2.607	3.825	3.206	2.562	3.755	3.126	2.523
45	Vani Vilas Sagar	KAR	0.802	0.244	0.027	0.147	0.252	0.027	0.138	0.263	0.026	0.138	0.276	0.026	0.137
*46	Almatti	KAR	3.105	3.105	1.506	2.152	3.083	1.421	2.059	2.901	1.352	1.972	2.802	1.326	1.848
*47	Gerusoppa	KAR	0.130	0.105	0.101	0.107	0.101	0.116	0.106	0.108	0.094	0.102	0.104	0.101	0.100
*48	Mani Dam	KAR	0.884	0.652	0.724	0.582	0.640	0.706	0.568	0.620	0.687	0.556	0.599	0.668	0.543
49	Tattihalla	KAR	0.249	0.069	0.125	0.100	0.037	0.125	0.097	0.026	0.125	0.095	0.015	0.123	0.085
50	Kallada (Parappar)	KRL	0.507	0.456	0.446	0.408	0.463	0.441	0.415	0.461	0.443	0.412	0.461	0.446	0.408
*51	Idamalayar	KRL	1.018	0.792	0.687	0.752	0.788	0.679	0.743	0.783	0.669	0.730	0.776	0.660	0.718
*52	Idukki	KRL	1.460	1.133	1.153	0.996	1.127	1.141	0.989	1.114	1.133	0.981	1.117	1.121	0.965
*53	Kakki	KRL	0.447	0.357	0.326	0.346	0.358	0.323	0.350	0.355	0.319	0.348	0.349	0.316	0.343
*54	Periyar	KRL	0.173	0.108	0.125	0.115	0.112	0.118	0.120	0.106	0.109	0.112	0.102	0.098	0.105
55	Malampuzha	KRL	0.224	0.210	0.169	0.180	0.200	0.156	0.163	0.197	0.142	0.153	0.183	0.135	0.141
*56	Gandhi Sagar	MP	6.827	6.452	2.702	3.490	6.429	2.380	3.728	6.427	2.380	3.664	6.414	2.105	3.684
57	Tawa	MP	1.944	1.912	1.193	1.586	1.852	1.124	1.520	1.786	1.047	1.441	1.750	0.974	1.367
*58	Bargi	MP	3.180	3.033	2.478	2.621	3.010	2.408	2.558	2.968	2.352	2.488	2.940	2.310	2.432
*59	Bansagar	MP	5.166	4.853	4.615	3.582	4.788	4.479	3.158	4.694	4.479	3.362	4.648	4.354	3.423
*60	Indira Sagar	MP	9.745	9.498	7.993	6.906	9.214	7.609	6.676	9.004	7.325	6.419	8.889	7.154	6.221
61	Barna Dam	MP	0.456	0.418	0.195	0.332	0.416	0.179	0.317	0.407	0.179	0.307	0.403	0.144	0.288
*62	Omkareshwar	MP	0.299	0.246	0.000	0.000	0.264	0.000	0.000	0.251	0.000	0.000	0.240	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.404	0.192	0.295	0.380	0.169	0.276	0.380	0.169	0.276	0.348	0.140	0.247
64	Kolar Dam	MP	0.270	0.267	0.064	0.142	0.229	0.053	0.135	0.223	0.052	0.128	0.218	0.051	0.121

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*65	Minimata Bango	CHH	3.046	2.536	1.976	2.011	2.528	1.966	2.006	2.526	1.959	1.929	2.525	1.956	1.995
66	Mahanadi	CHH	0.767	0.688	0.528	0.551	0.693	0.524	0.552	0.687	0.524	0.568	0.680	0.551	0.593
67	Dudhawa	CHH	0.284	0.208	0.092	0.126	0.206	0.092	0.122	0.205	0.085	0.112	0.202	0.085	0.101
68	Jayakwadi(Paithan)	MAH	2.171	2.171	0.592	0.899	2.171	0.578	0.895	2.167	0.542	0.877	2.132	0.516	0.862
*69	Koyana	MAH	2.652	2.652	2.287	2.338	2.652	2.266	2.320	2.577	2.230	2.253	2.528	2.205	2.214
70	Bhima(Ujjani)	MAH	1.517	1.517	0.840	1.114	1.517	0.801	1.100	1.517	0.740	1.080	1.517	0.706	1.062
71	Isapur	MAH	0.965	0.764	0.544	0.546	0.765	0.514	0.528	0.762	0.492	0.511	0.719	0.472	0.448
72	Mula	MAH	0.609	0.609	0.281	0.457	0.609	0.252	0.440	0.609	0.248	0.425	0.604	0.248	0.406
73	Yeldari	MAH	0.809	0.809	0.069	0.316	0.809	0.068	0.315	0.809	0.067	0.306	0.809	0.066	0.303
74	Girna	MAH	0.524	0.524	0.198	0.214	0.524	0.197	0.205	0.524	0.196	0.202	0.524	0.194	0.197
75	Khadakvasla	MAH	0.056	0.047	0.038	0.038	0.049	0.028	0.037	0.051	0.026	0.035	0.046	0.033	0.032
*76	Upper Vaitarna	MAH	0.331	0.326	0.294	0.291	0.320	0.289	0.288	0.314	0.287	0.285	0.309	0.281	0.281
77	Upper Tapi	MAH	0.255	0.255	0.217	0.243	0.255	0.212	0.238	0.255	0.207	0.234	0.255	0.191	0.228
*78	Pench(Totladoh)	MAH	1.091	0.997	0.128	0.598	0.986	0.125	0.546	0.977	0.119	0.573	0.975	0.113	0.559
79	Upper Wardha	MAH	0.564	0.546	0.207	0.464	0.525	0.187	0.445	0.503	0.169	0.423	0.493	0.160	0.406
80	Bhatsa	MAH	0.942	0.861	0.738	0.788	0.842	0.722	0.772	0.824	0.702	0.755	0.806	0.683	0.737
81	Dhom	MAH	0.331	0.331	0.232	0.265	0.326	0.213	0.267	0.311	0.216	0.247	0.298	0.203	0.235
82	Dudhganga	MAH	0.664	0.664	0.576	0.604	0.664	0.575	0.596	0.652	0.546	0.579	0.636	0.530	0.561
83	Manikdoh	MAH	0.288	0.255	0.090	0.146	0.254	0.069	0.138	0.252	0.055	0.131	0.251	0.042	0.123
84	Bhandardara	MAH	0.304	0.304	0.126	0.259	0.304	0.125	0.252	0.303	0.125	0.244	0.302	0.125	0.234
85	Urmodi	MAH	0.273	0.273	0.194	0.241	0.273	0.186	0.238	0.273	0.179	0.235	0.272	0.170	0.232
86	Bhatghar	MAH	0.673	0.663	0.573	0.617	0.661	0.545	0.604	0.656	0.513	0.587	0.658	0.481	0.571

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
87	Nira Deoghar	MAH	0.332	0.332	0.271	0.286	0.332	0.268	0.279	0.332	0.243	0.268	0.331	0.229	0.258
*88	Thokarwadi	MAH	0.353	0.346	0.310	0.250	0.339	0.310	0.254	0.332	0.310	0.240	0.332	0.332	0.248
89	Kanher	MAH	0.272	0.272	0.234	0.237	0.272	0.231	0.233	0.266	0.223	0.227	0.255	0.215	0.218
*90	Alwandi	MAH	0.331	0.326	0.294	0.291	0.320	0.289	0.288	0.314	0.287	0.284	0.309	0.282	0.281
*91	Mulshi	MAH	0.572	0.430	0.459	0.416	0.414	0.459	0.416	0.394	0.459	0.393	0.394	0.459	0.395
*92	Doyang Hep	NAG	0.535	0.343	0.261	0.314	0.34	0.256	0.308	0.331	0.248	0.302	0.323	0.243	0.299
*93	Hirakud	ODI	5.378	4.798	3.994	4.632	4.778	3.94	4.592	4.738	3.885	4.572	4.681	3.863	4.52
*94	Balimela	ODI	2.676	2.413	2.33	1.917	2.358	2.325	1.646	2.273	2.32	1.656	2.267	2.304	1.762
95	Salanadi	ODI	0.558	0.345	0.317	0.208	0.344	0.316	0.207	0.343	0.316	0.205	0.341	0.316	0.205
*96	Rengali	ODI	3.432	3.432	1.762	2.632	3.432	1.704	2.39	3.384	1.669	2.66	3.334	1.662	2.522
*97	Machkund (Jalaput)	ODI	0.893	0.84	0.752	0.769	0.826	0.738	0.727	0.811	0.721	0.749	0.792	0.736	0.742
*98	Upper Kolab	ODI	0.935	0.855	0.694	0.624	0.847	0.701	0.552	0.831	0.703	0.61	0.817	0.699	0.624
*99	Upper Indravati	ODI	1.456	1.286	1.096	1.021	1.289	1.084	0.989	1.276	1.091	1.02	1.269	1.11	1.023
100	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
*101	Thein Dam	PUN	2.344	1.76	1.841	1.311	1.76	1.76	1.266	1.66	1.69	1.213	1.66	1.599	1.161
*102	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.627	1.484	1.711	1.516	1.397	1.666	1.439	1.338	1.599	1.36	1.251
103	Jhakam	RAJ	0.132	0.124	0.115	0.101	0.115	0.107	0.095	0.112	0.106	0.091	0.108	0.1	0.084
*104	Rana Pratap Sagar	RAJ	1.436	0.995	0.538	0.664	0.962	0.542	0.636	0.839	0.546	0.632	0.749	0.528	0.602
105	Bisalpur	RAJ	1.076	1.076	0.255	0.601	1.068	0.244	0.582	1.054	0.235	0.564	1.044	0.229	0.551
106	Lower Bhawani	TN	0.792	0.792	0.771	0.436	0.792	0.757	0.447	0.792	0.739	0.434	0.792	0.709	0.413
*107	Mettur (Stanley)	TN	2.647	2.647	1.956	1.483	2.647	1.972	1.534	2.647	1.901	1.496	2.647	1.713	1.414
108	Vaigai	TN	0.172	0.127	0.097	0.09	0.151	0.096	0.088	0.154	0.089	0.08	0.147	0.076	0.076

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.11.2019			As per Bulleting dated 05.12.2019			As per Bulleting dated 12.12.2019			As per Bulleting dated 19.12.2019		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
109	Parambikulam	TN	0.38	0.37	0.343	0.281	0.363	0.338	0.277	0.36	0.336	0.27	0.359	0.331	0.264
110	Aliyar	TN	0.095	0.094	0.087	0.075	0.094	0.083	0.074	0.091	0.082	0.072	0.083	0.075	0.069
*111	Sholayar	TN	0.143	0.122	0.105	0.095	0.116	0.101	0.09	0.108	0.097	0.083	0.095	0.092	0.074
112	Gumti	TRP	0.312	0.146	0.23	0.179	0.142	0.224	0.164	0.139	0.215	0.163	0.135	0.202	0.147
113	Matatila	UP	0.707	0.349	0.359	0.395	0.354	0.315	0.406	0.378	0.288	0.417	0.401	0.269	0.404
*114	Rihand	UP	5.649	3.528	3.019	2.77	3.516	2.995	2.791	3.415	2.876	2.664	3.327	2.77	2.601
115	Sharda Sagar	UP	0.33	0.33	0.265	0.233	0.33	0.264	0.235	0.33	0.26	0.229	0.33	0.248	0.212
116	Jirgo	UP	0.147	0.115	0.067	0.063	0.113	0.067	0.063	0.113	0.065	0.062	0.112	0.064	0.061
*117	Ramganga	UKH	2.196	1.585	1.467	1.514	1.586	1.471	1.51	1.548	1.465	1.543	1.546	1.454	1.515
*118	Tehri	UKH	2.615	2.254	2.303	2.15	2.198	2.246	2.1	2.111	2.182	2.043	2.058	2.115	1.99
119	Mayurakshi	WB	0.48	0.369	0.12	0.196	0.37	0.12	0.196	0.369	0.119	0.195	0.369	0.117	0.194
120	Kangsabati	WB	0.914	0.704	0.336	0.411	0.706	0.336	0.412	0.706	0.336	0.412	0.709	0.335	0.43
<b>Reservoirs</b>			<b>172.061</b>	<b>147.017</b>	<b>103.858</b>	<b>109.659</b>	<b>145.547</b>	<b>100.223</b>	<b>106.303</b>	<b>142.671</b>	<b>97.747</b>	<b>104.39</b>	<b>140.08</b>	<b>94.588</b>	<b>101.736</b>
<b>Percentage</b>			86.31405	60.97529	64.38108	85.45101	58.84118	62.41076	83.76251	57.38751	61.28763	82.24132	55.53285	59.72946	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	4.557	1.714	3.889	4.503	1.664	3.830	4.221	1.566	3.517	4.155	1.550	3.366
*2	Nagarjuna Sagar	AP/TG	6.841	3.793	2.106	2.299	3.594	1.983	2.198	3.296	1.753	1.842	2.946	1.605	1.681
3	Somasila	AP	1.994	1.910	0.837	1.305	1.866	0.786	1.264	1.860	0.738	1.231	1.855	0.687	1.190
4	Yeleru	AP	0.508	0.463	0.489	0.275	0.447	0.489	0.268	0.434	0.454	0.256	0.416	0.454	0.246
5	Sriramsagar	TG	2.300	2.300	0.938	1.283	2.300	0.926	1.260	2.300	0.914	1.293	2.200	0.896	1.160
6	Lower Manair	TG	0.621	0.621	0.290	0.355	0.580	0.292	0.353	0.522	0.290	0.352	0.461	0.286	0.343
7	Nizam Sagar	TG	0.482	0.112	0.005	0.224	0.108	0.004	0.193	0.106	0.004	0.204	0.103	0.003	0.184
8	Singur	TG	0.822	0.019	0.049	0.435	0.019	0.046	0.420	0.019	0.044	0.439	0.019	0.031	0.412
9	Tenughat	JHA	0.821	0.431	0.374	0.375	0.422	0.372	0.390	0.419	0.369	0.389	0.422	0.365	0.387
10	Maithon	JHA	0.471	0.471	0.256	0.403	0.471	0.256	0.384	0.471	0.258	0.383	0.471	0.259	0.384
*11	Panchet Hill	JHA	0.184	0.184	0.147	0.165	0.184	0.146	0.150	0.184	0.145	0.154	0.184	0.144	0.153
12	Konar	JHA	0.176	0.167	0.124	0.142	0.167	0.122	0.138	0.165	0.120	0.133	0.165	0.118	0.133
13	Tilaiya	JHA	0.142	0.125	0.054	0.096	0.125	0.035	0.088	0.125	0.022	0.077	0.125	0.019	0.072
*14	Ukai	GUJ	6.615	6.201	1.795	4.040	6.146	1.770	3.802	6.103	1.742	3.943	6.053	1.726	3.897
15	Sabarmati (Dharoi)	GUJ	0.735	0.628	0.153	0.389	0.605	0.149	0.369	0.590	0.145	0.351	0.577	0.141	0.335
*16	Kadana	GUJ	1.472	1.106	0.898	0.939	1.078	0.876	0.924	1.047	0.848	0.911	1.027	0.826	0.900
17	Shetrunjji	GUJ	0.300	0.257	0.063	0.167	0.253	0.062	0.161	0.249	0.059	0.156	0.246	0.057	0.149
18	Bhadar	GUJ	0.188	0.172	0.037	0.077	0.171	0.035	0.077	0.165	0.033	0.069	0.159	0.031	0.065
19	Damanganga	GUJ	0.502	0.418	0.289	0.405	0.411	0.278	0.391	0.393	0.264	0.380	0.375	0.251	0.368
20	Dantiwada	GUJ	0.399	0.098	0.033	0.108	0.084	0.033	0.099	0.071	0.032	0.091	0.062	0.032	0.083

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Panam	GUJ	0.697	0.511	0.479	0.429	0.501	0.467	0.421	0.497	0.457	0.414	0.485	0.448	0.407
*22	Sardar Sarovar	GUJ	5.760	4.347	1.887	1.364	4.081	1.841	1.237	3.920	1.771	1.216	3.718	1.655	1.171
23	Karjan	GUJ	0.523	0.488	0.384	0.388	0.454	0.372	0.388	0.417	0.360	0.380	0.385	0.359	0.371
24	Sukhi (Guj)	GUJ	0.167	0.153	0.092	0.099	0.147	0.088	0.075	0.143	0.082	0.097	0.139	0.078	0.067
25	Watrank	GUJ	0.154	0.125	0.037	0.085	0.123	0.034	0.060	0.122	0.033	0.074	0.116	0.028	0.077
26	Hathmati	GUJ	0.153	0.128	0.057	0.045	0.121	0.052	0.035	0.119	0.051	0.042	0.115	0.051	0.039
27	Machchhu-I	GUJ	0.071	0.064	0.010	0.022	0.062	0.009	0.017	0.058	0.009	0.016	0.053	0.008	0.016
28	Machchhu-II	GUJ	0.091	0.079	0.025	0.026	0.078	0.029	0.025	0.077	0.030	0.023	0.075	0.034	0.023
29	Und-I	GUJ	0.066	0.065	0.001	0.013	0.064	0.001	0.011	0.063	0.000	0.032	0.061	0.000	0.009
30	Brahmani (Guj)	GUJ	0.071	0.049	0.004	0.015	0.047	0.004	0.014	0.046	0.004	0.013	0.045	0.004	0.012
*31	Gobind Sagar (Bhakra)	HP	6.229	4.129	4.954	4.115	3.985	4.780	3.941	3.875	4.647	3.768	3.811	4.492	3.599
*32	Pong Dam (Beas)	HP	6.157	4.421	4.170	3.248	4.311	3.983	3.173	4.248	3.815	3.025	4.210	3.640	2.784
*33	Kol Dam	HP	0.089	0.084	0.086	0.083	0.079	0.085	0.081	0.082	0.086	0.078	0.082	0.088	0.071
34	Krishnaraja Sagara	KAR	1.163	1.151	0.919	0.760	1.154	0.911	0.740	1.145	0.906	0.744	1.134	0.894	0.733
*35	Tungabhadra	KAR	3.276	2.212	0.920	1.481	2.122	0.822	1.374	1.965	0.730	1.256	1.758	0.643	1.127
36	Ghataprabha (Hidkal)	KAR	1.391	1.168	0.869	0.822	1.164	0.772	0.727	1.160	0.686	0.657	1.127	0.634	0.601
37	Bhadra	KAR	1.785	1.665	1.542	1.382	1.665	1.544	1.410	1.664	1.519	1.390	1.633	1.464	1.346
38	Linganamakki	KAR	4.294	3.615	3.070	2.902	3.528	2.963	2.813	3.413	2.848	2.722	3.337	2.749	2.683
39	Narayanpur	KAR	0.863	0.654	0.225	0.599	0.631	0.228	0.611	0.637	0.234	0.613	0.648	0.228	0.602
40	Malaprabha (Renuka)	KAR	0.972	0.817	0.242	0.363	0.775	0.234	0.306	0.707	0.224	0.277	0.669	0.213	0.257
41	Kabini	KAR	0.444	0.321	0.317	0.161	0.324	0.319	0.161	0.328	0.319	0.166	0.331	0.315	0.166
42	Hemavathy	KAR	0.927	0.573	0.267	0.287	0.532	0.236	0.261	0.506	0.233	0.239	0.505	0.221	0.226

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.087	0.032	0.034	0.085	0.035	0.033	0.086	0.036	0.034	0.087	0.038	0.035
44	Supa	KAR	4.120	3.639	3.046	2.473	3.543	2.965	2.428	3.452	2.881	2.382	3.388	2.811	2.366
45	Vani Vilas Sagar	KAR	0.802	0.286	0.025	0.147	0.286	0.025	0.147	0.293	0.024	0.134	0.295	0.023	0.133
*46	Almatti	KAR	3.105	2.712	1.297	1.731	2.608	1.267	1.545	2.372	1.211	1.514	2.289	1.163	1.364
*47	Gerusoppa	KAR	0.130	0.109	0.115	0.106	0.096	0.119	0.109	0.106	0.110	0.107	0.115	0.119	0.112
*48	Mani Dam	KAR	0.884	0.584	0.649	0.526	0.560	0.629	0.512	0.540	0.608	0.499	0.524	0.590	0.487
49	Tattihalla	KAR	0.249	0.014	0.121	0.081	0.011	0.118	0.074	0.011	0.118	0.069	0.008	0.118	0.063
50	Kallada (Parappar)	KRL	0.507	0.457	0.447	0.402	0.451	0.448	0.397	0.450	0.447	0.393	0.449	0.447	0.390
*51	Idamalayar	KRL	1.018	0.765	0.646	0.701	0.757	0.635	0.689	0.741	0.629	0.676	0.639	0.614	0.661
*52	Idukki	KRL	1.460	1.107	1.099	0.948	1.094	1.079	0.935	1.070	1.065	0.920	1.052	1.048	0.901
*53	Kakki	KRL	0.447	0.340	0.310	0.337	0.333	0.305	0.332	0.326	0.302	0.328	0.320	0.297	0.323
*54	Periyar	KRL	0.173	0.099	0.087	0.096	0.085	0.077	0.089	0.073	0.067	0.079	0.067	0.059	0.072
55	Malampuzha	KRL	0.224	0.170	0.121	0.130	0.167	0.109	0.121	0.155	0.102	0.111	0.136	0.088	0.096
*56	Gandhi Sagar	MP	6.827	6.401	1.915	3.265	6.388	1.788	3.054	6.162	1.649	2.973	5.969	1.496	2.589
57	Tawa	MP	1.944	1.679	0.862	1.272	1.606	0.783	1.188	1.545	0.697	1.110	1.475	0.601	1.023
*58	Bargi	MP	3.180	2.926	2.198	2.344	2.884	2.115	2.267	2.870	2.049	2.195	2.842	1.983	2.118
*59	Bansagar	MP	5.166	4.589	4.270	3.316	4.530	4.207	3.115	4.475	4.140	3.108	4.426	4.065	3.127
*60	Indira Sagar	MP	9.745	8.799	6.981	6.063	8.334	6.542	5.717	8.146	6.287	5.498	7.820	6.188	5.198
61	Barna Dam	MP	0.456	0.395	0.144	0.284	0.389	0.144	0.278	0.384	0.122	0.248	0.381	0.114	0.227
*62	Omkareshwar	MP	0.299	0.247	0.000	0.000	0.234	0.000	0.000	0.234	0.000	0.000	0.224	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.348	0.124	0.228	0.338	0.097	0.199	0.334	0.075	0.182	0.308	0.055	0.167
64	Kolar Dam	MP	0.270	0.209	0.050	0.113	0.199	0.049	0.105	0.193	0.047	0.098	0.181	0.046	0.090

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*65	Minimata Bango	CHH	3.046	2.525	1.953	1.989	2.523	1.948	1.983	2.529	1.938	1.979	2.523	1.925	1.967
66	Mahanadi	CHH	0.767	0.675	0.553	0.559	0.669	0.550	0.581	0.680	0.545	0.595	0.674	0.541	0.585
67	Dudhawa	CHH	0.284	0.200	0.081	0.096	0.197	0.081	0.101	0.197	0.081	0.100	0.197	0.081	0.099
68	Jayakwadi (Paithan)	MAH	2.171	2.084	0.483	0.860	2.028	0.457	0.803	1.997	0.423	0.775	1.977	0.406	0.746
*69	Koyana	MAH	2.652	2.398	2.180	2.173	2.544	2.171	2.147	2.475	2.142	2.084	2.287	2.140	2.060
70	Bhima (Ujjani)	MAH	1.517	1.517	0.672	1.029	1.517	0.639	0.996	1.517	0.622	0.979	1.517	0.579	0.951
71	Isapur	MAH	0.965	0.693	0.466	0.480	0.677	0.455	0.466	0.671	0.423	0.454	0.671	0.399	0.444
72	Mula	MAH	0.609	0.601	0.159	0.373	0.596	0.144	0.367	0.591	0.140	0.354	0.587	0.138	0.341
73	Yeldari	MAH	0.809	0.809	0.065	0.289	0.809	0.061	0.273	0.805	0.026	0.264	0.801	0.000	0.255
74	Girna	MAH	0.524	0.524	0.193	0.190	0.524	0.192	0.184	0.524	0.191	0.178	0.490	0.184	0.172
75	Khadakvasla	MAH	0.056	0.034	0.033	0.032	0.034	0.034	0.034	0.037	0.035	0.035	0.051	0.032	0.034
*76	Upper Vaitarna	MAH	0.331	0.302	0.276	0.271	0.295	0.270	0.270	0.291	0.266	0.264	0.275	0.258	0.258
77	Upper Tapi	MAH	0.255	0.255	0.186	0.222	0.255	0.180	0.216	0.255	0.175	0.210	0.249	0.171	0.204
*78	Pench (Totladoh)	MAH	1.091	0.975	0.109	0.543	0.967	0.105	0.523	0.966	0.100	0.503	0.966	0.098	0.478
79	Upper Wardha	MAH	0.564	0.487	0.157	0.388	0.470	0.154	0.373	0.467	0.151	0.360	0.453	0.148	0.345
80	Bhatsa	MAH	0.942	0.787	0.665	0.719	0.772	0.665	0.707	0.748	0.629	0.681	0.738	0.614	0.662
81	Dhom	MAH	0.331	0.285	0.188	0.227	0.273	0.180	0.215	0.263	0.170	0.207	0.262	0.166	0.198
82	Dudhganga	MAH	0.664	0.624	0.510	0.548	0.603	0.500	0.536	0.586	0.482	0.520	0.574	0.474	0.532
83	Manikdoh	MAH	0.288	0.250	0.042	0.116	0.249	0.042	0.109	0.231	0.041	0.104	0.210	0.039	0.102
84	Bhandardara	MAH	0.304	0.302	0.125	0.229	0.300	0.124	0.223	0.299	0.124	0.220	0.299	0.124	0.218
85	Urmodi	MAH	0.273	0.272	0.161	0.228	0.270	0.153	0.223	0.270	0.145	0.218	0.267	0.137	0.213
86	Bhatghar	MAH	0.673	0.656	0.452	0.553	0.655	0.411	0.525	0.648	0.409	0.505	0.625	0.407	0.487

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
87	Nira Deoghar	MAH	0.332	0.331	0.217	0.238	0.330	0.199	0.232	0.329	0.184	0.223	0.328	0.167	0.211
*88	Thokarwadi	MAH	0.353	0.319	0.260	0.225	0.311	0.255	0.227	0.306	0.249	0.221	0.297	0.240	0.216
89	Kanher	MAH	0.272	0.249	0.208	0.210	0.245	0.202	0.205	0.241	0.201	0.199	0.230	0.200	0.191
*90	Alwandi	MAH	0.331	0.302	0.276	0.276	0.295	0.270	0.270	0.286	0.263	0.263	0.273	0.257	0.258
*91	Mulshi	MAH	0.572	0.362	0.359	0.359	0.351	0.349	0.365	0.340	0.341	0.352	0.330	0.328	0.338
*92	Doyang Hep	NAG	0.535	0.307	0.235	0.29	0.292	0.227	0.283	0.292	0.217	0.276	0.273	0.211	0.269
*93	Hirakud	ODI	5.378	4.72	3.863	4.497	4.561	3.843	4.461	4.471	3.771	4.459	4.375	3.674	4.135
*94	Balimela	ODI	2.676	2.241	2.272	1.69	2.191	2.201	1.762	2.149	2.159	1.715	2.109	2.103	1.694
95	Salanadi	ODI	0.558	0.339	0.315	0.204	0.337	0.314	0.202	0.335	0.313	0.194	0.334	0.306	0.192
*96	Rengali	ODI	3.432	3.277	1.657	2.515	3.23	1.633	2.352	3.174	1.606	2.379	3.183	1.586	2.132
*97	Machkund (Jalaput)	ODI	0.893	0.782	0.741	0.727	0.763	0.721	0.715	0.823	0.781	0.706	0.725	0.684	0.669
*98	Upper Kolab	ODI	0.935	0.812	0.682	0.55	0.799	0.656	0.572	0.786	0.646	0.6	0.771	0.633	0.588
*99	Upper Indravati	ODI	1.456	1.258	1.108	1.029	1.248	1.101	1.016	1.241	1.094	1.009	1.219	1.087	0.986
100	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
*101	Thein Dam	PUN	2.344	1.629	1.538	1.092	1.538	1.507	1.057	1.446	1.446	0.98	1.416	1.416	0.929
*102	Mahi Bajaj Sagar	RAJ	1.711	1.534	1.322	1.214	1.467	1.265	1.159	1.399	1.202	1.104	1.345	1.157	1.052
103	Jhakam	RAJ	0.132	0.101	0.094	0.082	0.095	0.087	0.076	0.091	0.086	0.072	0.089	0.08	0.069
*104	Rana Pratap Sagar	RAJ	1.436	0.622	0.516	0.576	0.497	0.503	0.55	0.543	0.486	0.55	0.573	0.479	0.482
105	Bisalpur	RAJ	1.076	1.026	0.22	0.53	1.018	0.217	0.521	0.978	0.216	0.501	0.978	0.216	0.487
106	Lower Bhawani	TN	0.792	0.792	0.684	0.395	0.792	0.673	0.38	0.792	0.664	0.371	0.792	0.631	0.356
*107	Mettur (Stanley)	TN	2.647	2.593	1.47	1.347	2.586	1.351	1.278	2.423	1.222	1.177	2.303	1.06	1.102

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 26.12.2019			As per Bulleting dated 02.01.2020			As per Bulleting dated 09.01.2020			As per Bulleting dated 16.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
108	Vaigai	TN	0.172	0.144	0.086	0.075	0.096	0.08	0.075	0.099	0.088	0.07	0.086	0.081	0.065
109	Parambikulam	TN	0.38	0.358	0.324	0.256	0.354	0.317	0.249	0.35	0.314	0.241	0.349	0.311	0.235
110	Aliyar	TN	0.095	0.082	0.067	0.065	0.076	0.06	0.061	0.068	0.052	0.056	0.061	0.043	0.052
*111	Sholayar	TN	0.143	0.083	0.087	0.063	0.074	0.082	0.054	0.064	0.077	0.043	0.049	0.071	0.036
112	Gumti	TRP	0.312	0.134	0.201	0.151	0.127	0.191	0.142	0.122	0.187	0.141	0.116	0.182	0.131
113	Matatila	UP	0.707	0.419	0.283	0.372	0.419	0.239	0.353	0.338	0.193	0.344	0.258	0.146	0.323
*114	Rihand	UP	5.649	3.232	2.65	2.513	3.101	2.529	2.312	2.995	2.421	2.406	2.865	2.227	2.261
115	Sharda Sagar	UP	0.33	0.33	0.224	0.201	0.33	0.206	0.202	0.33	0.217	0.211	0.33	0.23	0.215
116	Jirgo	UP	0.147	0.111	0.063	0.06	0.11	0.06	0.059	0.109	0.057	0.056	0.108	0.056	0.054
*117	Ramganga	UKH	2.196	1.494	1.386	1.459	1.494	1.317	1.401	1.446	1.24	1.473	1.435	1.165	1.291
*118	Tehri	UKH	2.615	1.99	2.02	1.915	1.905	1.905	1.834	1.833	1.825	1.759	1.744	1.702	1.659
119	Mayurakshi	WB	0.48	0.367	0.117	0.204	0.365	0.116	0.192	0.367	0.115	0.164	0.367	0.104	0.17
120	Kangsabati	WB	0.914	0.71	0.333	0.431	0.712	0.333	0.407	0.713	0.333	0.396	0.715	0.333	0.348
<b>Reservoirs</b>			<b>172.061</b>	<b>137.125</b>	<b>91.34</b>	<b>98.586</b>	<b>133.802</b>	<b>88.165</b>	<b>94.857</b>	<b>130.282</b>	<b>85.04</b>	<b>92.375</b>	<b>126.578</b>	<b>81.923</b>	<b>87.988</b>
<b>Percentage</b>			80.50643	53.62595	57.88009	78.55549	51.76189	55.69078	76.48889	49.9272	54.2336	74.31426	48.0972	51.65798	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
*1	Srisailam	AP/TG	8.288	4.094	1.480	3.221	*1	Srisailam	AP/TG	8.288	3.994	1.448	3.070
*2	Nagarjuna Sagar	AP/TG	6.841	2.669	1.470	1.586	*2	Nagarjuna Sagar	AP/TG	5.108	2.464	1.354	1.477
3	Somasila	AP	1.994	1.810	0.626	1.147	3	Somasila	AP	1.994	1.750	0.572	1.089
4	Yeleru	AP	0.508	0.401	0.408	0.232	4	Yeleru	AP	0.508	0.383	0.408	0.221
5	Sriramsagar	TG	2.300	2.065	0.866	1.098	5	Sriramsagar	TG	2.300	1.965	0.854	1.035
6	Lower Manair	TG	0.621	0.396	0.283	0.331	6	Lower Manair	TG	0.621	0.336	0.281	0.323
7	Nizam Sagar	TG	0.482	0.099	0.003	0.170	7	Nizam Sagar	TG	0.482	0.097	0.003	0.165
8	Singur	TG	0.822	0.017	0.028	0.431	8	Singur	TG	0.822	0.016	0.025	0.392
9	Tenughat	JHA	0.821	0.420	0.363	0.384	9	Tenughat	JHA	0.821	0.420	0.361	0.381
10	Maithon	JHA	0.471	0.471	0.254	0.382	10	Maithon	JHA	0.471	0.471	0.244	0.370
*11	Panchet Hill	JHA	0.184	0.184	0.141	0.152	*11	Panchet Hill	JHA	0.184	0.184	0.139	0.146
12	Konar	JHA	0.176	0.163	0.117	0.129	12	Konar	JHA	0.176	0.163	0.112	0.127
13	Tilaiya	JHA	0.142	0.117	0.019	0.065	13	Tilaiya	JHA	0.142	0.107	0.018	0.063
*14	Ukai	GUJ	6.615	5.987	1.707	3.838	*14	Ukai	GUJ	6.615	5.884	1.688	3.746
15	Sabarmati (Dharoi)	GUJ	0.735	0.555	0.137	0.318	15	Sabarmati (Dharoi)	GUJ	0.735	0.531	0.133	0.303
*16	Kadana	GUJ	1.472	1.002	0.808	0.888	*16	Kadana	GUJ	1.472	0.973	0.788	0.872
17	Shetrunji	GUJ	0.300	0.242	0.056	0.144	17	Shetrunji	GUJ	0.300	0.239	0.054	0.135
18	Bhadar	GUJ	0.188	0.153	0.030	0.061	18	Bhadar	GUJ	0.188	0.147	0.029	0.058
19	Damanganga	GUJ	0.502	0.366	0.242	0.357	19	Damanganga	GUJ	0.502	0.360	0.234	0.344
20	Dantiwada	GUJ	0.399	0.055	0.032	0.076	20	Dantiwada	GUJ	0.399	0.042	0.031	0.069

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
21	Panam	GUJ	0.697	0.476	0.436	0.398	21	Panam	GUJ	0.697	0.467	0.431	0.391
*22	Sardar Sarovar	GUJ	5.760	3.438	1.439	1.096	*22	Sardar Sarovar	GUJ	5.760	3.188	1.155	1.041
23	Karjan	GUJ	0.523	0.372	0.357	0.348	23	Karjan	GUJ	0.523	0.340	0.354	0.347
24	Sukhi (Guj)	GUJ	0.167	0.135	0.075	0.066	24	Sukhi (Guj)	GUJ	0.167	0.133	0.072	0.036
25	Watrank	GUJ	0.154	0.113	0.027	0.074	25	Watrank	GUJ	0.154	0.112	0.025	0.073
26	Hathmati	GUJ	0.153	0.108	0.045	0.036	26	Hathmati	GUJ	0.153	0.103	0.042	0.033
27	Machchhu-I	GUJ	0.071	0.050	0.009	0.015	27	Machchhu-I	GUJ	0.071	0.048	0.009	0.016
28	Machchhu-II	GUJ	0.091	0.074	0.034	0.022	28	Machchhu-II	GUJ	0.091	0.073	0.036	0.022
29	Und-I	GUJ	0.066	0.057	0.000	0.008	29	Und-I	GUJ	0.066	0.049	0.000	0.008
30	Brahmani (Guj)	GUJ	0.071	0.043	0.004	0.011	30	Brahmani (Guj)	GUJ	0.071	0.042	0.004	0.010
*31	Gobind Sagar (Bhakra)	HP	6.229	3.698	4.291	3.427	*31	Gobind Sagar (Bhakra)	HP	6.229	3.550	4.084	3.383
*32	Pong Dam (Beas)	HP	6.157	4.161	3.518	2.658	*32	Pong Dam (Beas)	HP	6.157	4.128	3.368	2.526
*33	Kol Dam	HP	0.089	0.082	0.086	0.076	*33	Kol Dam	HP	0.089	0.081	0.085	0.067
34	Krishnaraja Sagara	KAR	1.163	1.051	0.844	0.687	34	Krishnaraja Sagara	KAR	1.163	0.986	0.794	0.650
*35	Tungabhadra	KAR	3.276	1.567	0.581	1.016	*35	Tungabhadra	KAR	3.276	1.420	0.548	0.918
36	Ghataprabha (Hidkal)	KAR	1.391	1.091	0.629	0.570	36	Ghataprabha (Hidkal)	KAR	1.391	0.998	0.626	0.520
37	Bhadra	KAR	1.785	1.583	1.423	1.314	37	Bhadra	KAR	1.785	1.498	1.346	1.250
38	Linganamakki	KAR	4.294	3.269	2.631	2.538	38	Linganamakki	KAR	4.294	3.125	2.503	2.425
39	Narayanpur	KAR	0.863	0.654	0.229	0.598	39	Narayanpur	KAR	0.863	0.654	0.230	0.589
40	Malaprabha (Renuka)	KAR	0.972	0.637	0.200	0.237	40	Malaprabha (Renuka)	KAR	0.972	0.578	0.169	0.203
41	Kabini	KAR	0.444	0.337	0.309	0.183	41	Kabini	KAR	0.444	0.342	0.308	0.183
42	Hemavathy	KAR	0.927	0.506	0.180	0.212	42	Hemavathy	KAR	0.927	0.507	0.166	0.205

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
43	Harangi	KAR	0.220	0.087	0.039	0.038	43	Harangi	KAR	0.220	0.088	0.040	0.039
44	Supa	KAR	4.120	3.319	2.728	2.285	44	Supa	KAR	4.120	3.208	2.630	2.224
45	Vani Vilas Sagar	KAR	0.802	0.294	0.023	0.132	45	Vani Vilas Sagar	KAR	0.802	0.292	0.022	0.127
*46	Almatti	KAR	3.105	2.058	1.131	1.259	*46	Almatti	KAR	3.105	1.912	1.093	1.159
*47	Gerusoppa	KAR	0.130	0.113	0.115	0.111	*47	Gerusoppa	KAR	0.130	0.112	0.121	0.112
*48	Mani Dam	KAR	0.884	0.489	0.559	0.463	*48	Mani Dam	KAR	0.884	0.470	0.530	0.447
49	Tattihalla	KAR	0.249	0.006	0.118	0.057	49	Tattihalla	KAR	0.249	0.002	0.117	0.051
50	Kallada (Parappar)	KRL	0.507	0.448	0.445	0.383	50	Kallada (Parappar)	KRL	0.507	0.436	0.437	0.374
*51	Idamalayar	KRL	1.018	0.693	0.595	0.641	*51	Idamalayar	KRL	1.018	0.657	0.571	0.616
*52	Idukki	KRL	1.460	1.028	1.023	0.871	*52	Idukki	KRL	1.460	1.002	0.994	0.843
*53	Kakki	KRL	0.447	0.309	0.290	0.315	*53	Kakki	KRL	0.447	0.294	0.282	0.308
*54	Periyar	KRL	0.173	0.057	0.051	0.059	*54	Periyar	KRL	0.173	0.050	0.047	0.053
55	Malampuzha	KRL	0.224	0.122	0.074	0.086	55	Malampuzha	KRL	0.224	0.108	0.066	0.074
*56	Gandhi Sagar	MP	6.827	5.956	1.361	3.061	*56	Gandhi Sagar	MP	6.827	5.956	1.361	3.061
57	Tawa	MP	1.944	1.400	0.489	0.931	57	Tawa	MP	1.944	1.311	0.359	0.839
*58	Bargi	MP	3.180	2.786	1.939	2.054	*58	Bargi	MP	3.180	2.716	1.898	2.001
*59	Bansagar	MP	5.166	4.358	4.007	3.101	*59	Bansagar	MP	5.166	4.258	4.408	3.076
*60	Indira Sagar	MP	9.745	7.581	6.088	4.994	*60	Indira Sagar	MP	9.745	7.345	6.040	4.774
61	Barna Dam	MP	0.456	0.363	0.098	0.214	61	Barna Dam	MP	0.456	0.350	0.097	0.201
*62	Omkareswar	MP	0.299	0.231	0.000	0.000	*62	Omkareswar	MP	0.299	0.210	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.282	0.032	0.146	63	Sanjay Sarovar	MP	0.508	0.265	0.034	0.130
64	Kolar Dam	MP	0.270	0.171	0.045	0.083	64	Kolar Dam	MP	0.270	0.164	0.045	0.079

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
*65	Minimata Bango	CHH	3.046	2.506	1.904	1.952	*65	Minimata Bango	CHH	3.046	2.472	1.884	1.925
66	Mahanadi	CHH	0.767	0.652	0.529	0.551	66	Mahanadi	CHH	0.767	0.655	0.505	0.530
67	Dudhawa	CHH	0.284	0.195	0.055	0.094	67	Dudhawa	CHH	0.284	0.187	0.055	0.091
68	Jayakwadi (Paithan)	MAH	2.171	1.957	0.391	0.717	68	Tandula	CHH	0.312	0.191	0.137	0.181
*69	Koyana	MAH	2.652	2.245	2.093	1.985	69	Jayakwadi (Paithan)	MAH	2.171	1.913	0.371	0.686
70	Bhima (Ujjani)	MAH	1.517	1.467	0.426	0.904	*70	Koyana	MAH	2.652	2.199	2.064	1.937
71	Isapur	MAH	0.965	0.665	0.377	0.428	71	Bhima (Ujjani)	MAH	1.517	1.374	0.385	0.856
72	Mula	MAH	0.609	0.583	0.135	0.328	72	Isapur	MAH	0.965	0.644	0.368	0.414
73	Yeldari	MAH	0.809	0.798	0.000	0.242	73	Mula	MAH	0.609	0.551	0.132	0.319
74	Girna	MAH	0.524	0.474	0.157	0.160	74	Yeldari	MAH	0.809	0.794	0.000	0.228
75	Khadakvasla	MAH	0.056	0.053	0.032	0.034	75	Girna	MAH	0.524	0.451	0.154	0.148
*76	Upper Vaitarna	MAH	0.331	0.262	0.250	0.251	76	Khadakvasla	MAH	0.056	0.052	0.031	0.032
77	Upper Tapi	MAH	0.255	0.240	0.167	0.199	*77	Upper Vaitarna	MAH	0.331	0.250	0.244	0.245
*78	Pench (Totladoh)	MAH	1.091	0.957	0.096	0.459	78	Upper Tapi	MAH	0.255	0.232	0.148	0.191
79	Upper Wardha	MAH	0.564	0.449	0.145	0.329	*79	Pench (Totladoh)	MAH	1.091	0.942	0.095	0.445
80	Bhatsa	MAH	0.942	0.718	0.604	0.652	80	Upper Wardha	MAH	0.564	0.436	0.142	0.315
81	Dhom	MAH	0.331	0.261	0.160	0.192	81	Bhatsa	MAH	0.942	0.689	0.580	0.626
82	Dudhganga	MAH	0.664	0.563	0.452	0.494	82	Dhom	MAH	0.331	0.258	0.150	0.197
83	Manikdoh	MAH	0.288	0.186	0.039	0.097	83	Dudhganga	MAH	0.664	0.541	0.425	0.474
84	Bhandardara	MAH	0.304	0.298	0.123	0.215	84	Manikdoh	MAH	0.288	0.162	0.038	0.093
85	Urmodi	MAH	0.273	0.267	0.130	0.210	85	Bhandardara	MAH	0.304	0.297	0.123	0.210
86	Bhatghar	MAH	0.673	0.605	0.405	0.469	86	Urmodi	MAH	0.273	0.264	0.123	0.208

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
87	Nira Deoghar	MAH	0.332	0.327	0.154	0.201	87	Bhatghar	MAH	0.673	0.573	0.404	0.451
*88	Thokarwadi	MAH	0.353	0.290	0.233	0.209	88	Nira Deoghar	MAH	0.332	0.326	0.141	0.190
89	Kanher	MAH	0.272	0.217	0.193	0.184	*89	Thokarwadi	MAH	0.353	0.282	0.225	0.194
*90	Alwandi	MAH	0.331	0.262	0.250	0.252	90	Kanher	MAH	0.272	0.203	0.184	0.177
*91	Mulshi	MAH	0.572	0.320	0.307	0.322	*91	Mulshi	MAH	0.572	0.310	0.293	0.284
*92	Doyang Hep	NAG	0.535	0.269	0.202	0.263	92	Surya	MAH	0.276	0.239	0.199	0.218
*93	Hirakud	ODI	5.378	4.316	3.591	4.042	93	Tillari	MAH	0.447	0.397	0.271	0.337
*94	Balimela	ODI	2.676	2.06	2.051	1.566	*94	Doyang Hep	NAG	0.535	0.26	0.195	0.256
95	Salanadi	ODI	0.558	0.332	0.304	0.164	*95	Hirakud	ODI	5.378	4.147	3.468	3.98
*96	Rengali	ODI	3.432	3.156	1.547	2.359	*96	Balimela	ODI	2.676	1.999	2.005	1.515
*97	Machkund (Jalaput)	ODI	0.893	0.705	0.667	0.666	97	Salanadi	ODI	0.558	0.33	0.303	0.185
*98	Upper Kolab	ODI	0.935	0.749	0.613	0.548	*98	Rengali	ODI	3.432	3.113	1.499	2.322
*99	Upper Indravati	ODI	1.456	1.194	1.072	0.943	*99	Machkund (Jalaput)	ODI	0.893	0.692	0.646	0.659
100	Sapua	ODI	0.006	0.006	0.006	0.004	*100	Upper Kolab	ODI	0.935	0.726	0.595	0.533
*101	Thein Dam	PUN	2.344	1.386	1.416	0.881	*101	Upper Indravati	ODI	1.456	1.165	1.041	0.956
*102	Mahi Bajaj Sagar	RAJ	1.711	1.302	1.112	1.012	102	Sapua	ODI	0.006	0.006	0.004	0.004
103	Jhakam	RAJ	0.132	0.082	0.072	0.063	103	Hariharjhor	ODI	0.059	0.053	0.025	0.031
*104	Rana Pratap Sagar	RAJ	1.436	0.484	0.479	0.491	*104	Thein Dam	PUN	2.344	1.318	1.416	0.853
105	Bisalpur	RAJ	1.076	0.973	0.216	0.477	*105	Mahi Bajaj Sagar	RAJ	1.711	1.24	1.043	0.955
106	Lower Bhawani	TN	0.792	0.792	0.574	0.324	106	Jhakam	RAJ	0.132	0.075	0.065	0.055
*107	Mettur (Stanley)	TN	2.647	2.162	0.973	0.978	*107	Rana Pratap Sagar	RAJ	1.436	0.576	0.472	0.481
108	Vaigai	TN	0.172	0.077	0.077	0.064	108	Bisalpur	RAJ	1.076	0.961	0.216	0.468

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.01.2020			Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.01.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)					Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	1	2	3	4	5	6	7
109	Parambikulam	TN	0.38	0.351	0.298	0.222	109	Lower Bhawani	TN	0.792	0.792	0.565	0.312
110	Aliyar	TN	0.095	0.05	0.029	0.046	*110	Mettur (Stanley)	TN	2.647	2.119	0.946	0.919
*111	Sholayar	TN	0.143	0.022	0.062	0.026	111	Vaigai	TN	0.172	0.074	0.07	0.056
112	Gumti	TRP	0.312	0.111	0.179	0.114	112	Parambikulam	TN	0.38	0.345	0.28	0.21
113	Matatila	UP	0.707	0.258	0.146	0.304	113	Aliyar	TN	0.095	0.041	0.015	0.04
*114	Rihand	UP	5.649	2.711	2.062	2.199	*114	Sholayar	TN	0.143	0.007	0.06	0.02
115	Sharda Sagar	UP	0.33	0.33	0.257	0.215	115	Gumti	TRP	0.312	0.111	0.179	0.114
116	Jirgo	UP	0.147	0.103	0.055	0.053	116	Matatila	UP	0.707	0.265	0.207	0.304
*117	Ramganga	UKH	2.196	1.432	1.101	1.239	*117	Rihand	UP	5.649	2.566	1.914	2.093
*118	Tehri	UKH	2.615	1.641	1.6	1.564	118	Sharda Sagar	UP	0.33	0.33	0.251	0.21
119	Mayurakshi	WB	0.48	0.364	0.104	0.197	119	Jirgo	UP	0.147	0.098	0.054	0.053
120	Kangsabati	WB	0.914	0.697	0.333	0.385	*120	Ramganga	UKH	2.196	1.441	1.072	1.201
<b>Reservoirs</b>			<b>172.061</b>	<b>122.851</b>	<b>78.672</b>	<b>85.423</b>	*121	Tehri	UKH	2.615	1.55	1.507	1.484
<b>Percentage</b>			72.12613	46.18853	50.15206		122	Mayurakshi	WB	0.48	0.364	0.103	0.189
							123	Kangsabati	WB	0.914	0.632	0.332	0.364
								<b>Reservoirs</b>		<b>171.091</b>	<b>119.434</b>	<b>76.742</b>	<b>82.894</b>
								<b>Percentage</b>			69.8073	44.85449	48.45024

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
*1	Srisailam	AP/TG	8.288	3.771	1.428	2.881	3.569	1.404	2.644	3.287	1.372	2.400
*2	Nagarjuna Sagar	AP/TG	5.108	2.293	1.240	1.398	2.106	1.116	1.289	1.971	1.033	1.227
3	Somasila	AP	1.994	1.684	0.529	1.040	1.617	0.488	0.997	1.551	0.425	0.931
4	Yeleru	AP	0.508	0.365	0.408	0.211	0.348	0.408	0.201	0.330	0.408	0.191
5	Sriramsagar	TG	2.300	1.840	0.769	0.966	1.773	0.711	0.904	1.661	0.683	0.903
6	Lower Manair	TG	0.621	0.280	0.279	0.317	0.239	0.259	0.298	0.316	0.227	0.295
7	Nizam Sagar	TG	0.482	0.096	0.002	0.154	0.094	0.002	0.157	0.091	0.002	0.152
8	Singur	TG	0.822	0.016	0.022	0.411	0.015	0.020	0.365	0.014	0.016	0.349
9	Tenughat	JHA	0.821	0.420	0.359	0.377	0.419	0.357	0.372	0.415	0.356	0.369
10	Maithon	JHA	0.471	0.471	0.232	0.358	0.471	0.220	0.349	0.471	0.214	0.339
*11	Panchet Hill	JHA	0.184	0.184	0.137	0.141	0.184	0.136	0.139	0.184	0.135	0.134
12	Konar	JHA	0.176	0.161	0.108	0.123	0.160	0.105	0.120	0.158	0.103	0.116
13	Tilaiya	JHA	0.142	0.093	0.017	0.058	0.081	0.017	0.055	0.067	0.017	0.052
*14	Ukai	GUJ	6.615	5.705	1.669	3.641	5.505	1.650	3.529	5.348	1.631	3.396
15	Sabarmati (Dharoi)	GUJ	0.735	0.508	0.129	0.283	0.486	0.125	0.267	0.462	0.121	0.251
*16	Kadana	GUJ	1.472	0.947	0.760	0.816	0.921	0.731	0.833	0.889	0.705	0.817
17	Shetrunji	GUJ	0.300	0.222	0.053	0.116	0.203	0.052	0.121	0.193	0.052	0.116
18	Bhadar	GUJ	0.188	0.143	0.027	0.048	0.135	0.026	0.052	0.131	0.024	0.049
19	Damanganga	GUJ	0.502	0.346	0.215	0.331	0.326	0.199	0.318	0.309	0.187	0.304
20	Dantiwada	GUJ	0.399	0.031	0.030	0.072	0.020	0.030	0.062	0.013	0.030	0.058

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
21	Panam	GUJ	0.697	0.454	0.418	0.368	0.442	0.404	0.373	0.433	0.399	0.363
*22	Sardar Sarovar	GUJ	5.760	2.959	1.049	0.972	2.580	0.945	0.953	2.204	0.784	0.857
23	Karjan	GUJ	0.523	0.336	0.342	0.347	0.334	0.326	0.338	0.333	0.316	0.322
24	Sukhi (Guj)	GUJ	0.167	0.130	0.071	0.059	0.127	0.068	0.028	0.120	0.063	0.052
25	Watrak	GUJ	0.154	0.110	0.022	0.069	0.106	0.019	0.066	0.101	0.016	0.063
26	Hathmati	GUJ	0.153	0.102	0.042	0.031	0.095	0.037	0.029	0.073	0.032	0.025
27	Machchhu-I	GUJ	0.071	0.046	0.008	0.015	0.044	0.008	0.014	0.041	0.007	0.013
28	Machchhu-II	GUJ	0.091	0.072	0.036	0.020	0.071	0.035	0.018	0.070	0.034	0.017
29	Und-I	GUJ	0.066	0.048	0.000	0.008	0.048	0.000	0.007	0.045	0.000	0.006
30	Brahmani (Guj)	GUJ	0.071	0.040	0.004	0.011	0.039	0.004	0.009	0.038	0.004	0.008
*31	Gobind Sagar (Bakra)	HP	6.229	3.370	3.939	3.079	3.133	3.898	2.896	2.951	3.856	2.863
*32	Pong Dam (Beas)	HP	6.157	4.086	3.202	2.483	4.057	3.154	2.274	3.954	3.060	2.218
*33	Kol Dam	HP	0.089	0.082	0.086	0.061	0.077	0.086	0.056	0.074	0.084	0.058
34	Krishnaraja Sagara	KAR	1.163	0.960	0.757	0.625	0.953	0.751	0.599	0.899	0.724	0.542
*35	Tungabhadra	KAR	3.276	1.295	0.514	0.830	1.157	0.478	0.740	1.000	0.452	0.654
36	Ghataprabha (Hidkal)	KAR	1.391	0.928	0.585	0.475	0.878	0.490	0.428	0.854	0.477	0.416
37	Bhadra	KAR	1.785	1.437	1.262	1.200	1.371	1.181	1.124	1.307	1.169	1.048
38	Linganamakki	KAR	4.294	3.009	2.385	2.306	2.893	2.290	2.209	2.800	2.198	2.182
39	Narayanpur	KAR	0.863	0.653	0.231	0.586	0.615	0.236	0.552	0.607	0.228	0.530
40	Malaprabha (Renuka)	KAR	0.972	0.539	0.164	0.184	0.513	0.159	0.172	0.491	0.150	0.161
41	Kabini	KAR	0.444	0.346	0.301	0.179	0.347	0.297	0.174	0.347	0.284	0.164
42	Hemavathy	KAR	0.927	0.503	0.163	0.200	0.502	0.159	0.194	0.500	0.154	0.184

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
43	Harangi	KAR	0.220	0.088	0.041	0.041	0.088	0.042	0.041	0.089	0.042	0.041
44	Supa	KAR	4.120	3.111	2.551	2.169	3.015	2.465	2.110	2.962	2.423	2.047
45	Vani Vilas Sagar	KAR	0.802	0.292	0.022	0.129	0.291	0.021	0.119	0.290	0.021	0.124
*46	Almatti	KAR	3.105	1.850	1.065	1.034	1.643	1.007	0.909	1.445	0.980	0.802
*47	Gerusoppa	KAR	0.130	0.115	0.109	0.110	0.117	0.113	0.115	0.107	0.111	0.113
*48	Mani Dam	KAR	0.884	0.441	0.512	0.429	0.412	0.493	0.409	0.386	0.470	0.395
49	Tattihalla	KAR	0.249	0.001	0.116	0.047	0.000	0.116	0.046	0.000	0.103	0.044
50	Kallada (Parappar)	KRL	0.507	0.418	0.425	0.364	0.408	0.414	0.355	0.392	0.399	0.342
*51	Idamalayar	KRL	1.018	0.622	0.546	0.595	0.593	0.529	0.575	0.555	0.502	0.547
*52	Idukki	KRL	1.460	0.978	0.960	0.811	0.959	0.936	0.788	0.933	0.896	0.752
*53	Kakki	KRL	0.447	0.284	0.273	0.301	0.278	0.267	0.295	0.266	0.266	0.288
*54	Periyar	KRL	0.173	0.044	0.042	0.047	0.040	0.040	0.043	0.039	0.038	0.038
55	Malampuzha	KRL	0.224	0.096	0.058	0.065	0.080	0.043	0.058	0.066	0.038	0.053
*56	Gandhi Sagar	MP	6.827	5.606	1.017	2.309	5.302	0.872	2.237	5.289	0.872	2.405
57	Tawa	MP	1.944	1.222	0.255	0.736	1.150	0.159	0.656	1.062	0.150	0.596
*58	Bargi	MP	3.180	2.660	1.845	1.929	2.590	1.793	1.856	2.520	1.740	1.791
*59	Bansagar	MP	5.166	4.204	3.938	2.918	4.108	3.887	2.809	4.044	3.816	2.739
*60	Indira Sagar	MP	9.745	7.056	5.834	4.402	6.921	5.618	4.201	6.686	5.579	4.044
61	Barna Dam	MP	0.456	0.336	0.072	0.176	0.321	0.059	0.157	0.303	0.059	0.143
*62	Omkareswar	MP	0.299	0.175	0.000	0.000	0.164	0.000	0.000	0.214	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.248	0.038	0.114	0.248	0.037	0.095	0.231	0.015	0.077
64	Kolar Dam	MP	0.270	0.151	0.043	0.070	0.140	0.041	0.065	0.131	0.040	0.062

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
*65	Minimata Bango	CHH	3.046	2.439	1.865	1.837	2.426	1.854	1.895	2.407	1.843	1.885
66	Mahanadi	CHH	0.767	0.643	0.486	0.511	0.644	0.478	0.491	0.642	0.469	0.496
67	Dudhawa	CHH	0.284	0.177	0.055	0.088	0.168	0.054	0.080	0.166	0.054	0.079
68	Tandula	CHH	0.312	0.187	0.137	0.179	0.188	0.135	0.176	0.187	0.135	0.174
69	Jayakwadi (Paithan)	MAH	2.171	1.847	0.306	0.654	1.799	0.236	0.621	1.766	0.229	0.523
*70	Koyana	MAH	2.652	2.165	2.024	1.886	2.123	2.005	1.835	2.074	1.965	1.771
71	Bhima (Ujjani)	MAH	1.517	1.330	0.363	0.817	1.294	0.343	0.766	1.144	0.319	0.719
72	Isapur	MAH	0.965	0.619	0.364	0.405	0.609	0.353	0.393	0.607	0.322	0.373
73	Mula	MAH	0.609	0.516	0.127	0.311	0.482	0.123	0.298	0.464	0.120	0.285
74	Yeldari	MAH	0.809	0.777	0.000	0.214	0.749	0.000	0.202	0.721	0.000	0.196
75	Girna	MAH	0.524	0.430	0.153	0.140	0.409	0.152	0.134	0.384	0.150	0.130
76	Khadakvasla	MAH	0.056	0.041	0.031	0.033	0.037	0.031	0.034	0.035	0.031	0.032
*77	Upper Vaitarna	MAH	0.331	0.238	0.235	0.239	0.227	0.232	0.234	0.217	0.226	0.239
78	Upper Tapi	MAH	0.255	0.228	0.135	0.184	0.223	0.127	0.178	0.216	0.120	0.170
*79	Pench (Totladoh)	MAH	1.091	0.921	0.094	0.434	0.912	0.093	0.403	0.902	0.091	0.381
80	Upper Wardha	MAH	0.564	0.416	0.138	0.298	0.407	0.136	0.281	0.397	0.135	0.265
81	Bhatsa	MAH	0.942	0.670	0.563	0.604	0.656	0.558	0.602	0.631	0.526	0.570
82	Dhom	MAH	0.331	0.243	0.134	0.162	0.237	0.120	0.154	0.231	0.113	0.145
83	Dudhganga	MAH	0.664	0.526	0.417	0.464	0.507	0.392	0.444	0.502	0.390	0.436
84	Manikdoh	MAH	0.288	0.142	0.037	0.087	0.138	0.036	0.082	0.136	0.035	0.077
85	Bhandardara	MAH	0.304	0.296	0.123	0.208	0.295	0.122	0.198	0.289	0.115	0.189
86	Urmodi	MAH	0.273	0.264	0.119	0.206	0.261	0.117	0.203	0.255	0.116	0.201

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
87	Bhatghar	MAH	0.673	0.536	0.371	0.425	0.517	0.332	0.396	0.495	0.282	0.371
88	Nira Deoghar	MAH	0.332	0.314	0.127	0.178	0.300	0.127	0.169	0.286	0.126	0.161
*89	Thokarwadi	MAH	0.353	0.273	0.218	0.197	0.264	0.212	0.192	0.258	0.207	0.187
90	Kanher	MAH	0.272	0.188	0.176	0.170	0.177	0.165	0.162	0.174	0.151	0.153
*91	Mulshi	MAH	0.572	0.301	0.284	0.292	0.284	0.273	0.280	0.273	0.263	0.269
92	Surya	MAH	0.276	0.235	0.19	0.213	0.226	0.19	0.204	0.216	0.19	0.197
93	Tillari	MAH	0.447	0.387	0.265	0.325	0.378	0.257	0.317	0.367	0.248	0.313
*94	Doyang Hep	NAG	0.535	0.248	0.186	0.249	0.24	0.18	0.242	0.228	0.178	0.235
*95	Hirakud	ODI	5.378	4.058	3.365	3.723	3.994	3.255	3.655	3.859	3.134	3.416
*96	Balimela	ODI	2.676	1.924	1.949	1.445	1.855	1.903	1.498	1.813	1.83	1.226
97	Salanadi	ODI	0.558	0.329	0.302	0.189	0.329	0.302	0.186	0.328	0.3	0.183
*98	Rengali	ODI	3.432	3.019	1.449	2.272	2.95	1.405	2.282	2.364	1.327	2.183
*99	Machkund (Jalaput)	ODI	0.893	0.668	0.617	0.642	0.654	0.602	0.629	0.639	0.574	0.598
*100	Upper Kolab	ODI	0.935	0.7	0.58	0.515	0.678	0.562	0.527	0.649	0.532	0.459
*101	Upper Indravati	ODI	1.456	1.131	0.922	0.922	1.097	0.992	0.909	1.057	0.952	0.944
102	Sapua	ODI	0.006	0.006	0.004	0.004	0.006	0.004	0.004	0.006	0.004	0.004
103	Hariharjhor	ODI	0.059	0.052	0.024	0.029	0.052	0.022	0.027	0.051	0.019	0.027
*104	Thein Dam	PUN	2.344	1.192	1.477	0.828	1.086	1.568	0.823	1.013	1.721	0.838
*105	Mahi Bajaj Sagar	RAJ	1.711	1.181	0.97	0.869	1.133	0.897	0.85	1.076	0.843	0.797
106	Jhakam	RAJ	0.132	0.066	0.06	0.048	0.065	0.057	0.048	0.058	0.051	0.043
*107	Rana Pratap Sagar	RAJ	1.436	0.507	0.478	0.475	0.592	0.487	0.46	0.475	0.491	0.442

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 06.02.2020			As per Bulleting dated 13.02.2020			As per Bulleting dated 20.02.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
108	Bisalpur	RAJ	1.076	0.944	0.21	0.456	0.93	0.21	0.446	0.908	0.21	0.436
109	Lower Bhawani	TN	0.792	0.792	0.526	0.296	0.792	0.485	0.272	0.769	0.471	0.26
*110	Mettur (Stanley)	TN	2.647	2.096	0.935	0.897	2.075	0.927	0.882	2.053	0.91	0.86
111	Vaigai	TN	0.172	0.061	0.057	0.048	0.057	0.057	0.046	0.055	0.049	0.04
112	Parambikulam	TN	0.38	0.327	0.263	0.199	0.322	0.254	0.19	0.305	0.251	0.178
113	Aliyar	TN	0.095	0.033	0.005	0.037	0.028	0.002	0.034	0.017	0.001	0.033
*114	Sholayar	TN	0.143	0.009	0.052	0.015	0.003	0.043	0.012	0	0.023	0.008
115	Gumti	TRP	0.312	0.102	0.191	0.083	0.097	0.156	0.096	0.093	0.155	0.091
116	Matatila	UP	0.707	0.219	0.213	0.308	0.178	0.176	0.286	0.158	0.174	0.281
*117	Rihand	UP	5.649	2.408	1.789	1.989	2.251	1.665	1.928	2.167	1.538	1.858
118	Sharda Sagar	UP	0.33	0.33	0.233	0.206	0.33	0.224	0.201	0.257	0.214	0.19
119	Jirgo	UP	0.147	0.097	0.053	0.052	0.095	0.053	0.051	0.089	0.051	0.049
*120	Ramganga	UKH	2.196	1.46	1.047	1.285	1.424	1.061	1.117	1.369	1.073	1.081
*121	Tehri	UKH	2.615	1.439	1.397	1.395	1.334	1.325	1.288	1.233	1.325	1.217
122	Mayurakshi	WB	0.48	0.363	0.101	0.183	0.322	0.1	0.173	0.296	0.1	0.169
123	Kangsabati	WB	0.914	0.632	0.334	0.359	0.632	0.334	0.339	0.617	0.333	0.327
<b>Reservoirs</b>			<b>171.091</b>	<b>114.821</b>	<b>73.082</b>	<b>78.425</b>	<b>110.46</b>	<b>70.594</b>	<b>75.189</b>	<b>105.557</b>	<b>68.597</b>	<b>72.098</b>
<b>Percentage</b>			67.11107	42.71528	45.83818	64.562134	41.2610833	43.94679	61.69641	40.09387	42.14015	

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
*1	Srisailam	AP/TG	8.288	2.610	1.307	2.203	1.776	1.254	2.056	1.566	1.231	1.851
*2	Nagarjuna Sagar	AP/TG	5.108	2.175	0.912	1.133	2.547	0.853	1.049	2.464	0.719	1.017
3	Somasila	AP	1.994	1.489	0.356	0.878	1.433	0.307	0.838	1.395	0.258	0.797
4	Yeleru	AP	0.508	0.313	0.408	0.181	0.291	0.408	0.172	0.272	0.408	0.161
5	Sriramsagar	TG	2.300	1.532	0.625	0.773	1.400	0.522	0.714	1.273	0.510	0.652
6	Lower Manair	TG	0.621	0.309	0.225	0.274	0.334	0.223	0.262	0.296	0.174	0.243
7	Nizam Sagar	TG	0.482	0.068	0.001	0.129	0.052	0.001	0.123	0.051	0.000	0.111
8	Singur	TG	0.822	0.012	0.014	0.339	0.011	0.012	0.330	0.010	0.011	0.329
9	Tenughat	JHA	0.821	0.413	0.353	0.366	0.415	0.352	0.353	0.422	0.350	0.350
10	Maithon	JHA	0.471	0.471	0.193	0.328	0.471	0.182	0.329	0.471	0.172	0.308
*11	Panchet Hill	JHA	0.184	0.184	0.135	0.138	0.184	0.138	0.132	0.184	0.137	0.124
12	Konar	JHA	0.176	0.152	0.097	0.110	0.146	0.094	0.107	0.142	0.091	0.106
13	Tilaiya	JHA	0.142	0.053	0.016	0.049	0.041	0.016	0.040	0.038	0.015	0.044
*14	Ukai	GUJ	6.615	5.246	1.570	3.258	5.143	1.468	3.151	5.020	1.256	2.995
15	Sabarmati (Dharoi)	GUJ	0.735	0.436	0.117	0.230	0.410	0.114	0.211	0.386	0.110	0.191
*16	Kadana	GUJ	1.472	0.852	0.669	0.800	0.817	0.649	0.788	0.790	0.632	0.783
17	Shetrunjji	GUJ	0.300	0.190	0.051	0.108	0.185	0.051	0.100	0.166	0.050	0.092
18	Bhadar	GUJ	0.188	0.122	0.023	0.046	0.115	0.022	0.044	0.110	0.020	0.042
19	Damanganga	GUJ	0.502	0.302	0.175	0.289	0.295	0.167	0.279	0.276	0.147	0.262
20	Dantiwada	GUJ	0.399	0.013	0.029	0.050	0.013	0.029	0.047	0.013	0.028	0.043
21	Panam	GUJ	0.697	0.421	0.380	0.353	0.410	0.369	0.344	0.395	0.359	0.337
*22	Sardar Sarovar	GUJ	5.760	1.906	0.637	0.853	1.941	0.592	0.824	1.841	0.651	0.803

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
3	Karjan	GUJ	0.523	0.331	0.303	0.318	0.324	0.298	0.314	0.313	0.292	0.301
24	Sukhi (Guj)	GUJ	0.167	0.116	0.059	0.059	0.111	0.053	0.047	0.105	0.050	0.046
25	Watrank	GUJ	0.154	0.099	0.016	0.048	0.095	0.013	0.043	0.093	0.010	0.040
26	Hathmati	GUJ	0.153	0.072	0.032	0.013	0.066	0.029	0.022	0.063	0.020	0.019
27	Machchhu-I	GUJ	0.071	0.038	0.007	0.014	0.035	0.008	0.013	0.032	0.008	0.013
28	Machchhu-II	GUJ	0.091	0.069	0.035	0.019	0.070	0.034	0.022	0.071	0.029	0.019
29	Und-I	GUJ	0.066	0.043	0.000	0.010	0.041	0.000	0.013	0.039	0.000	0.012
30	Brahmani (Guj)	GUJ	0.071	0.036	0.005	0.009	0.035	0.006	0.009	0.034	0.008	0.009
*31	Gobind Sagar (Bhakra)	HP	6.229	2.736	3.793	2.629	2.583	3.705	2.552	2.491	3.580	2.210
*32	Pong Dam (Beas)	HP	6.157	3.849	3.017	2.069	3.815	2.938	1.977	3.651	2.831	1.841
*33	Kol Dam	HP	0.089	0.078	0.070	0.056	0.082	0.055	0.050	0.082	0.045	0.048
34	Krishnaraja Sagara	KAR	1.163	0.835	0.663	0.503	0.802	0.617	0.479	0.790	0.570	0.426
*35	Tungabhadra	KAR	3.276	0.854	0.389	0.567	0.734	0.343	0.496	0.605	0.308	0.657
36	Ghataprabha (Hidkal)	KAR	1.391	0.806	0.343	0.354	0.740	0.341	0.311	0.683	0.338	0.281
37	Bhadra	KAR	1.785	1.244	1.054	0.966	1.179	1.003	0.964	1.120	0.942	0.914
38	Linganamakki	KAR	4.294	2.628	2.019	1.975	2.503	1.926	1.872	2.360	1.818	1.758
39	Narayanpur	KAR	0.863	0.636	0.228	0.494	0.653	0.246	0.454	0.600	0.232	0.417
40	Malaprabha (Renuka)	KAR	0.972	0.454	0.146	0.150	0.420	0.138	0.134	0.387	0.120	0.109
41	Kabini	KAR	0.444	0.340	0.273	0.151	0.313	0.262	0.141	0.284	0.246	0.106
42	Hemavathy	KAR	0.927	0.486	0.149	0.171	0.481	0.135	0.162	0.476	0.134	0.152
43	Harangi	KAR	0.220	0.088	0.042	0.038	0.088	0.042	0.038	0.088	0.042	0.039
44	Supa	KAR	4.120	2.795	2.304	1.969	2.655	2.230	1.912	2.505	2.161	1.833
45	Vani Vilas Sagar	KAR	0.802	0.284	0.020	0.115	0.283	0.020	0.114	0.273	0.018	0.111

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
*46	Almatti	KAR	3.105	1.375	0.953	0.719	1.125	0.902	0.655	0.986	0.839	0.593
*47	Gerusoppa	KAR	0.130	0.115	0.099	0.106	0.114	0.104	0.108	0.101	0.093	0.107
*48	Mani Dam	KAR	0.884	0.361	0.435	0.371	0.332	0.412	0.352	0.313	0.384	0.331
49	Tattihalla	KAR	0.249	0.000	0.083	0.042	0.000	0.069	0.040	0.000	0.062	0.036
50	Kallada(Parappar)	KRL	0.507	0.374	0.381	0.327	0.361	0.371	0.315	0.342	0.355	0.288
*51	Idamalayar	KRL	1.018	0.529	0.472	0.519	0.516	0.451	0.498	0.493	0.417	0.450
*52	Idukki	KRL	1.460	0.911	0.850	0.717	0.891	0.826	0.694	0.863	0.783	0.634
*53	Kakki	KRL	0.447	0.256	0.264	0.279	0.247	0.262	0.273	0.235	0.254	0.258
*54	Periyar	KRL	0.173	0.038	0.034	0.035	0.037	0.032	0.032	0.037	0.030	0.030
55	Malampuzha	KRL	0.224	0.054	0.034	0.051	0.046	0.033	0.050	0.046	0.032	0.049
*56	Gandhi Sagar	MP	6.827	4.963	0.562	2.292	4.942	0.562	2.004	4.650	0.562	2.033
57	Tawa	MP	1.944	0.978	0.150	0.540	0.905	0.152	0.505	0.876	0.152	0.484
*58	Bargi	MP	3.180	2.436	1.680	1.725	2.352	1.650	1.674	2.240	1.580	1.601
*59	Bansagar	MP	5.166	3.958	3.748	2.766	3.890	3.748	2.724	3.826	3.748	2.816
*60	Indira Sagar	MP	9.745	6.556	5.226	3.819	6.217	5.155	3.622	5.880	4.756	3.406
61	Barna Dam	MP	0.456	0.289	0.032	0.135	0.273	0.032	0.121	0.257	0.032	0.109
*62	Omkareswar	MP	0.299	0.141	0.000	0.000	0.124	0.000	0.000	0.168	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.210	0.011	0.064	0.196	0.012	0.052	0.196	0.012	0.052
64	Kolar Dam	MP	0.270	0.129	0.039	0.061	0.128	0.038	0.060	0.128	0.038	0.060
*65	Minimata Bango	CHH	3.046	2.385	1.836	1.799	2.363	1.826	1.860	2.344	1.817	1.847
66	Mahanadi	CHH	0.767	0.623	0.449	0.475	0.603	0.419	0.457	0.588	0.419	0.444
67	Dudhawa	CHH	0.284	0.163	0.054	0.077	0.160	0.054	0.076	0.154	0.054	0.074
68	Tandula	CHH	0.312	0.184	0.135	0.171	0.178	0.135	0.169	0.172	0.135	0.167

Contd...

**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
69	Jayakwadi (Paithan)	MAH	2.171	1.741	0.120	0.548	1.686	0.082	0.516	1.613	0.039	0.483
*70	Koyana	MAH	2.652	2.026	1.925	1.712	1.978	1.877	1.665	1.936	1.841	1.602
71	Bhima (Ujjani)	MAH	1.517	1.517	0.246	0.671	1.018	0.164	0.635	0.956	0.058	0.573
72	Isapur	MAH	0.965	0.604	0.302	0.359	0.588	0.283	0.350	0.561	0.275	0.340
73	Mula	MAH	0.609	0.461	0.117	0.269	0.456	0.114	0.255	0.450	0.109	0.237
74	Yeldari	MAH	0.809	0.688	0.000	0.190	0.684	0.000	0.187	0.679	0.000	0.177
75	Girna	MAH	0.524	0.358	0.149	0.125	0.332	0.147	0.118	0.311	0.145	0.114
76	Khadakvasla	MAH	0.056	0.030	0.034	0.031	0.022	0.035	0.032	0.034	0.036	0.033
*77	Upper Vaitarna	MAH	0.331	0.206	0.219	0.224	0.192	0.197	0.212	0.180	0.190	0.205
78	Upper Tapi	MAH	0.255	0.192	0.114	0.163	0.185	0.109	0.157	0.179	0.103	0.150
*79	Pench (Totladoh)	MAH	1.091	0.894	0.088	0.326	0.889	0.086	0.353	0.883	0.074	0.337
80	Upper Wardha	MAH	0.564	0.372	0.130	0.248	0.360	0.127	0.239	0.354	0.124	0.229
81	Bhatsa	MAH	0.942	0.619	0.526	0.560	0.595	0.498	0.540	0.577	0.478	0.521
82	Dhom	MAH	0.331	0.229	0.111	0.140	0.230	0.111	0.148	0.228	0.101	0.145
83	Dudhganga	MAH	0.664	0.467	0.342	0.405	0.447	0.337	0.391	0.425	0.317	0.367
84	Manikdoh	MAH	0.288	0.135	0.034	0.096	0.134	0.034	0.064	0.126	0.033	0.057
85	Bandardara	MAH	0.304	0.280	0.104	0.179	0.280	0.091	0.173	0.269	0.079	0.164
86	Urmodi	MAH	0.273	0.245	0.114	0.197	0.239	0.112	0.194	0.237	0.111	0.191
87	Bhatghar	MAH	0.673	0.477	0.280	0.358	0.474	0.279	0.351	0.473	0.278	0.346
88	Nira Deoghar	MAH	0.332	0.271	0.124	0.134	0.256	0.118	0.146	0.242	0.117	0.136
*89	Thokarwadi	MAH	0.353	0.251	0.201	0.181	0.243	0.194	0.163	0.236	0.186	0.170
90	Kanher	MAH	0.272	0.173	0.140	0.145	0.171	0.129	0.138	0.163	0.126	0.131
*91	Mulshi	MAH	0.572	0.261	0.247	0.256	0.245	0.233	0.247	0.234	0.215	0.235

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
92	Surya	MAH	0.276	0.161	0.19	0.189	0.197	0.156	0.181	0.189	0.156	0.173
93	Tillari	MAH	0.447	0.358	0.24	0.305	0.348	0.231	0.298	0.338	0.222	0.289
*94	Doyang Hep	NAG	0.535	0.218	0.176	0.228	0.208	0.177	0.223	0.199	0.175	0.216
*95	Hirakud	ODI	5.378	3.781	3.033	3.272	3.729	2.957	3.181	3.687	2.828	3.043
*96	Balimela	ODI	2.676	1.748	1.777	1.192	1.67	1.736	1.264	1.568	1.736	1.316
97	Salanadi	ODI	0.558	0.326	0.299	0.182	0.324	0.299	0.181	0.322	0.299	0.202
*98	Rengali	ODI	3.432	2.8	1.288	1.972	2.745	1.253	2.059	2.668	1.253	2.085
*99	Machkund (Jalaput)	ODI	0.893	0.617	0.542	0.579	0.595	0.538	0.573	0.568	0.538	0.554
*100	Upper Kolab	ODI	0.935	0.628	0.504	0.439	0.607	0.487	0.449	0.582	0.487	0.464
*101	Upper Indravati	ODI	1.456	1.021	0.914	0.836	0.986	0.881	0.81	0.953	0.881	0.787
102	Sapua	ODI	0.006	0.006	0.004	0.004	0.006	0.004	0.004	0.006	0.004	0.004
103	Hariharjhor	ODI	0.059	0.051	0.017	0.025	0.05	0.016	0.02	0.049	0.013	0.019
*104	Thein Dam	PUN	2.344	0.939	1.841	0.843	0.866	1.88	0.854	0.817	1.8	0.855
*105	Mahi Bajaj Sagar	RAJ	1.711	1.026	0.782	0.746	0.965	0.735	0.704	0.897	0.679	0.643
106	Jhakam	RAJ	0.132	0.05	0.044	0.038	0.043	0.038	0.033	0.04	0.034	0.03
*107	Rana Pratap Sagar	RAJ	1.436	0.588	0.482	0.421	0.483	0.453	0.406	0.545	0.434	0.385
108	Bisalpur	RAJ	1.076	0.883	0.21	0.426	0.867	0.21	0.418	0.846	0.21	0.408
109	Lower Bhawani	TN	0.792	0.754	0.43	0.252	0.716	0.401	0.234	0.673	0.376	0.225
*110	Mettur (Stanley)	TN	2.647	2.036	0.891	0.847	2.031	0.859	0.834	2	0.837	0.797
111	Vaigai	TN	0.172	0.053	0.047	0.036	0.052	0.044	0.034	0.05	0.041	0.033
112	Parambikulam	TN	0.38	0.293	0.246	0.167	0.273	0.237	0.158	0.253	0.215	0.148
113	Aliyar	TN	0.095	0.009	0.001	0.032	0.006	0	0.032	0	0	0.029
*114	Sholayar	TN	0.143	0	0.009	0.006	0	0.009	0.006	0	0.01	0.007

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 27.02.2020			As per Bulleting dated 05.03.2020			As per Bulleting dated 12.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7	5	6	7
115	Gumti	TRP	0.312	0.088	0.149	0.086	0.081	0.149	0.08	0.078	0.134	0.073
116	Matatila	UP	0.707	0.132	0.132	0.263	0.101	0.132	0.252	0.088	0.166	0.258
*117	Rihand	UP	5.649	2.05	1.396	1.773	1.936	1.282	1.706	1.812	1.282	1.637
118	Sharda Sagar	UP	0.33	0.18	0.195	0.172	0.161	0.189	0.156	0.271	0.18	0.148
119	Jirgo	UP	0.147	0.086	0.046	0.048	0.086	0.046	0.048	0.085	0.045	0.047
*120	Ramganga	UKH	2.196	1.317	1.055	1.156	1.266	1.059	1.178	1.253	1.067	0.965
*121	Tehri	UKH	2.615	1.131	1.325	1.148	1.027	1.091	1.03	0.916	0.985	0.944
122	Mayurakshi	WB	0.48	0.296	0.097	0.167	0.293	0.097	0.167	0.262	0.097	0.154
123	Kangsabati	WB	0.914	0.536	0.332	0.323	0.527	0.332	0.325	0.528	0.331	0.314
Reservoirs			171.091	101.873	65.148	68.365	97.487	62.845	65.945	93.51	60.235	63.066
Percentage				59.54317	38.07798	39.95827	56.97962	36.73191	38.54382	54.65513	35.20641	36.86109

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**Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7
*1	Srisailam	AP/TG	8.288	1.428	1.205	1.628	1.372	1.182	1.384
*2	Nagarjuna Sagar	AP/TG	5.108	2.300	0.571	0.920	2.069	0.401	0.886
3	Somasila	AP	1.994	1.363	0.215	0.762	1.340	0.186	0.741
4	Yeleru	AP	0.508	0.252	0.408	0.149	0.231	0.408	0.139
5	Sriramsagar	TG	2.300	1.195	0.422	0.580	1.105	0.358	0.518
6	Lower Manair	TG	0.621	0.226	0.173	0.236	0.249	0.167	0.219
7	Nizam Sagar	TG	0.482	0.050	0.000	0.091	0.031	0.000	0.071
8	Singur	TG	0.822	0.008	0.009	0.312	0.007	0.007	0.302
9	Tenughat	JHA	0.821	0.469	0.349	0.339	0.459	0.348	0.337
10	Maithon	JHA	0.471	0.471	0.157	0.304	0.471	0.149	0.313
*11	Panchet Hill	JHA	0.184	0.184	0.134	0.125	0.184	0.132	0.133
12	Konar	JHA	0.176	0.163	0.087	0.100	0.157	0.085	0.100
13	Tilaiya	JHA	0.142	0.045	0.014	0.035	0.045	0.014	0.033
*14	Ukai	GUJ	6.615	4.830	1.132	2.860	4.674	1.070	2.858
15	Sabarmati (Dharoi)	GUJ	0.735	0.361	0.107	0.178	0.351	0.104	0.166
*16	Kadana	GUJ	1.472	0.758	0.621	0.787	0.746	0.625	0.830
17	Shetrungi	GUJ	0.300	0.147	0.047	0.081	0.136	0.046	0.075
18	Bhadar	GUJ	0.188	0.101	0.019	0.041	0.099	0.018	0.040
19	Damanganga	GUJ	0.502	0.256	0.128	0.245	0.244	0.114	0.240
20	Dantiwada	GUJ	0.399	0.013	0.028	0.040	0.013	0.027	0.034

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7
21	Panam	GUJ	0.697	0.388	0.346	0.327	0.380	0.338	0.341
*22	Sardar Sarovar	GUJ	5.760	1.754	0.695	0.767	1.638	0.797	0.818
23	Karjan	GUJ	0.523	0.304	0.291	0.293	0.296	0.285	0.301
24	Sukhi (Guj)	GUJ	0.167	0.103	0.046	0.023	0.096	0.044	0.073
25	Watrank	GUJ	0.154	0.091	0.008	0.037	0.087	0.007	0.050
26	Hathmati	GUJ	0.153	0.062	0.016	0.007	0.062	0.015	0.031
27	Machchhu-I	GUJ	0.071	0.029	0.007	0.013	0.026	0.007	0.012
28	Machchhu-II	GUJ	0.091	0.069	0.028	0.019	0.069	0.028	0.028
29	Und-I	GUJ	0.066	0.039	0.000	0.011	0.039	0.000	0.011
30	Brahmani (Guj)	GUJ	0.071	0.034	0.008	0.009	0.034	0.007	0.009
*31	Gobind Sagar (Bhakra)	HP	6.229	2.507	3.409	2.037	2.409	3.257	2.015
*32	Pong Dam (Beas)	HP	6.157	3.835	2.717	1.740	3.637	2.684	1.658
*33	Kol Dam	HP	0.089	0.080	0.044	0.044	0.082	0.046	0.041
34	Krishnaraja Sagara	KAR	1.163	0.756	0.564	0.410	0.700	0.527	0.377
*35	Tungabhadra	KAR	3.276	0.483	0.273	0.347	0.355	0.240	0.261
36	Ghataprabha (Hidkal)	KAR	1.391	0.659	0.302	0.256	0.635	0.283	0.241
37	Bhadra	KAR	1.785	1.058	0.883	0.857	1.022	0.834	0.822
38	Linganamakki	KAR	4.294	2.244	1.733	1.721	2.140	1.645	1.554
39	Narayanpur	KAR	0.863	0.597	0.228	0.350	0.597	0.228	0.350
40	Malaprabha (Renuka)	KAR	0.972	0.370	0.100	0.100	0.366	0.096	0.096
41	Kabini	KAR	0.444	0.274	0.230	0.112	0.265	0.211	0.104

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7
42	Hemavathy	KAR	0.927	0.473	0.133	0.143	0.470	0.133	0.138
43	Harangi	KAR	0.220	0.088	0.040	0.038	0.085	0.038	0.037
44	Supa	KAR	4.120	2.369	2.092	1.763	2.230	2.025	1.679
45	Vani Vilas Sagar	KAR	0.802	0.263	0.017	0.108	0.259	0.017	0.106
*46	Almatti	KAR	3.105	0.934	0.796	0.544	0.934	0.796	0.544
*47	Gerusoppa	KAR	0.130	0.000	0.104	0.104	0.118	0.102	0.098
*48	Mani Dam	KAR	0.884	0.289	0.355	0.308	0.273	0.326	0.284
49	Tattihalla	KAR	0.249	0.000	0.056	0.029	0.000	0.049	0.018
50	Kallada (Parappar)	KRL	0.507	0.325	0.341	0.276	0.309	0.331	0.252
*51	Idamalayar	KRL	1.018	0.471	0.392	0.434	0.445	0.372	0.417
*52	Idukki	KRL	1.460	0.841	0.744	0.620	0.818	0.716	0.598
*53	Kakki	KRL	0.447	0.227	0.239	0.242	0.217	0.227	0.229
*54	Periyar	KRL	0.173	0.035	0.029	0.030	0.034	0.026	0.029
55	Malampuzha	KRL	0.224	0.045	0.031	0.048	0.045	0.030	0.047
*56	Gandhi Sagar	MP	6.827	4.528	0.477	2.283	4.332	0.477	2.213
57	Tawa	MP	1.944	0.873	0.152	0.481	0.873	0.152	0.480
*58	Bargi	MP	3.180	2.212	1.540	1.534	2.212	1.540	1.517
*59	Bansagar	MP	5.166	3.817	3.718	2.809	3.796	3.719	2.697
*60	Indira Sagar	MP	9.745	5.880	4.756	3.406	5.415	4.471	3.197
61	Barna Dam	MP	0.456	0.247	0.030	0.101	0.246	0.030	0.098
*62	Omkareshwar	MP	0.299	0.174	0.000	0.000	0.163	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.196	0.012	0.052	0.196	0.012	0.052

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Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
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1	2	3	4	5	6	7	5	6	7
64	Kolar Dam	MP	0.270	0.128	0.038	0.060	0.128	0.038	0.060
*65	Minimata Bango	CHH	3.046	2.384	1.800	1.824	2.380	1.781	1.815
66	Mahanadi	CHH	0.767	0.570	0.380	0.419	0.550	0.359	0.395
67	Dudhawa	CHH	0.284	0.150	0.054	0.073	0.149	0.042	0.071
68	Tandula	CHH	0.312	0.168	0.135	0.164	0.161	0.126	0.160
69	Jayakwadi (Paithan)	MAH	2.171	1.555	0.007	0.452	1.495	0.000	0.443
*70	Koyana	MAH	2.652	1.875	1.779	1.537	1.816	1.716	1.475
71	Bhima (Ujjani)	MAH	1.517	0.878	0.000	0.514	0.779	0.000	0.472
72	Isapur	MAH	0.965	0.541	0.265	0.323	0.534	0.241	0.314
73	Mula	MAH	0.609	0.441	0.104	0.221	0.441	0.104	0.221
74	Yeldari	MAH	0.809	0.676	0.000	0.165	0.673	0.000	0.167
75	Girna	MAH	0.524	0.292	0.125	0.109	0.270	0.106	0.102
76	Khadakvasla	MAH	0.056	0.048	0.037	0.032	0.049	0.031	0.031
*77	Upper Vaitarna	MAH	0.331	0.168	0.179	0.197	0.168	0.179	0.197
78	Upper Tapi	MAH	0.255	0.174	0.086	0.145	0.172	0.082	0.143
*79	Pench (Totladoh)	MAH	1.091	0.878	0.063	0.324	0.878	0.063	0.324
80	Upper Wardha	MAH	0.564	0.337	0.121	0.218	0.327	0.118	0.213
81	Bhatsa	MAH	0.942	0.557	0.462	0.503	0.557	0.462	0.503
82	Dhom	MAH	0.331	0.216	0.097	0.141	0.203	0.090	0.129
83	Dudhganga	MAH	0.664	0.410	0.289	0.344	0.390	0.271	0.354
84	Manikdoh	MAH	0.288	0.108	0.031	0.049	0.093	0.030	0.047
85	Bhandardara	MAH	0.304	0.254	0.066	0.155	0.249	0.055	0.142

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	5	6	7
86	Urmodi	MAH	0.273	0.235	0.109	0.188	0.233	0.098	0.183
87	Bhatghar	MAH	0.673	0.463	0.276	0.333	0.442	0.274	0.309
88	Nira Deoghar	MAH	0.332	0.226	0.107	0.126	0.213	0.094	0.114
*89	Thokarwadi	MAH	0.353	0.229	0.178	0.150	0.222	0.170	0.159
90	Kanher	MAH	0.272	0.151	0.124	0.125	0.140	0.116	0.118
*91	Mulshi	MAH	0.572	0.220	0.196	0.191	0.209	0.180	0.210
92	Surya	MAH	0.276	0.18	0.156	0.167	0.18	0.156	0.167
93	Tillari	MAH	0.447	0.328	0.213	0.281	0.317	0.204	0.272
*94	Doyang Hep	NAG	0.535	0.189	0.174	0.21	0.179	0.173	0.203
*95	Hirakud	ODI	5.378	3.693	2.727	2.904	3.687	2.621	2.674
*96	Balimela	ODI	2.676	1.487	1.58	1.371	1.435	1.423	1.191
97	Salanadi	ODI	0.558	0.321	0.299	0.177	0.321	0.299	0.177
*98	Rengali	ODI	3.432	2.674	1.162	1.931	2.594	1.106	1.9
*99	Machkund (Jalaput)	ODI	0.893	0.546	0.506	0.511	0.533	0.482	0.506
*100	Upper Kolab	ODI	0.935	0.555	0.43	0.446	0.534	0.394	0.415
*101	Upper Indravati	ODI	1.456	0.909	0.775	0.754	0.881	0.775	0.723
102	Sapua	ODI	0.006	0.006	0.004	0.004	0.006	0.004	0.004
103	Hariharjhor	ODI	0.059	0.048	0.011	0.018	0.046	0.01	0.017
*104	Thein Dam	PUN	2.344	0.892	1.721	0.892	0.892	1.721	0.892
*105	Mahi Bajaj Sagar	RAJ	1.711	0.843	0.616	0.595	0.806	0.576	0.568
106	Jhakam	RAJ	0.132	0.04	0.034	0.029	0.04	0.034	0.029
*107	Rana PratapSagar	RAJ	1.436	0.545	0.434	0.385	0.545	0.434	0.385
108	Bisalpur	RAJ	1.076	0.83	0.21	0.403	0.815	0.21	0.395
109	Lower Bhawani	TN	0.792	0.668	0.34	0.221	0.652	0.297	0.204
*110	Mettur (Stanley)	TN	2.647	1.982	0.817	0.808	1.964	0.803	0.797

Contd...

Table 1.4 (a): Storage Position of Important Reservoirs of India for the Year 2019-2020

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 19.03.2020			As per Bulleting dated 26.03.2020		
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1	2	3	4	5	6	7	5	6	7
111	Vaigai	TN	0.172	0.048	0.039	0.031	0.046	0.038	0.03
112	Parambikulam	TN	0.38	0.237	0.196	0.135	0.234	0.189	0.131
113	Aliyar	TN	0.095	0.003	0	0.032	0.002	0.003	0.033
*114	Sholayar	TN	0.143	0	0.008	0.006	0	0.002	0.005
115	Gumti	TRP	0.312	0.071	0.129	0.07	0.071	0.129	0.07
116	Matatila	UP	0.707	0.064	0.158	0.272	0.064	0.158	0.272
*117	Rihand	UP	5.649	1.744	1.199	1.516	1.744	1.199	1.516
118	Sharda Sagar	UP	0.33	0.271	0.18	0.148	0.271	0.18	0.148
119	Jirgo	UP	0.147	0.085	0.044	0.047	0.085	0.044	0.047
*120	Ramganga	UKH	2.196	1.274	1.048	0.93	1.284	1.013	0.9
*121	Tehri	UKH	2.615	0.859	0.886	0.834	0.796	0.796	0.741
122	Mayurakshi	WB	0.48	0.254	0.095	0.158	0.255	0.094	0.16
123	Kangsabati	WB	0.914	0.529	0.331	0.3	0.531	0.331	0.236
<b>Reservoirs</b>			<b>171.091</b>	<b>91.15</b>	<b>57.438</b>	<b>60.314</b>	<b>88.119</b>	<b>55.333</b>	<b>58.021</b>
<b>Percentage</b>				<b>53.27574</b>	<b>33.57161</b>	<b>35.25258</b>	<b>51.50417</b>	<b>32.34127</b>	<b>33.91236</b>

Source: Water Management Directorate, Central Water Commission, M/o Jal Shakti

Note: \* Hydel Power Capacity Having Capacity More Than 60 MW.

\$ Total CCA 342 Th. Ha of DVC System.

# Total CCA 101 Th. Ha of Parambikulam &amp; Aliyar.

@' Total CCA 425 Th. Ha. of Narayanpur and Almatti.

† Sabarmati Reservoir Is Supplemented with Narmada Water through Pipeline.

'AP': Andhra Pradesh; 'TG':Telangana; 'JHAR': Jharkhand; 'GUJ': Gujarat; 'HP': Himachal Pradesh; 'KAR': Karnataka; 'KRL': Kerala; 'MP': Madhya Pradesh; 'CHH': Chhattisgarh; 'MAH': Maharashtra; 'NAG': Nagaland; 'ODI': Odisha; 'PUN': Punjab; 'RAJ': Rajasthan; 'TN': Tamil Nadu; 'TRP': Tripura; 'UP': Uttar Pradesh; 'UKH': Uttrakhand; 'WB': West Bengal.

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	1.260	1.140	1.321	1.150	1.086	1.039	1.010	0.846	0.910	0.947	0.854	0.853
*2	Nagarjuna Sagar	AP/TG	5.108	2.001	0.245	0.928	1.861	0.166	0.855	1.777	0.230	0.834	1.771	0.102	0.790
3	Somasila	AP	1.994	1.305	0.158	0.741	1.290	0.148	0.678	1.279	0.139	0.651	1.251	0.120	0.645
4	Yeleru	AP	0.508	0.217	0.408	0.131	0.207	0.408	0.126	0.201	0.408	0.123	0.197	0.408	0.120
5	Sriramsagar	TG	2.300	1.046	0.340	0.470	0.962	0.234	0.406	0.932	0.217	0.356	0.884	0.204	0.331
6	Lower Manair	TG	0.621	0.218	0.129	0.198	0.192	0.127	0.176	0.201	0.126	0.158	0.204	0.124	0.147
7	Nizam Sagar	TG	0.482	0.030	0.000	0.069	0.026	0.000	0.066	0.025	0.000	0.055	0.024	0.000	0.049
8	Singur	TG	0.822	0.006	0.006	0.313	0.005	0.005	0.258	0.002	0.001	0.246	0.001	0.000	0.246
9	Tenughat	JHA	0.821	0.317	0.312	0.325	0.313	0.307	0.319	0.308	0.304	0.314	0.304	0.229	0.302
10	Maithon	JHA	0.471	0.471	0.134	0.255	0.471	0.123	0.225	0.471	0.113	0.204	0.471	0.104	0.183
*11	Panchet Hill	JHA	0.184	0.184	0.122	0.108	0.184	0.115	0.098	0.184	0.112	0.095	0.184	0.104	0.085
12	Konar	JHA	0.176	0.144	0.079	0.095	0.131	0.074	0.091	0.121	0.070	0.088	0.111	0.065	0.083
13	Tilaiya	JHA	0.142	0.044	0.013	0.035	0.043	0.011	0.032	0.042	0.010	0.031	0.041	0.010	0.030
*14	Ukai	GUJ	6.615	4.522	1.029	2.639	4.366	1.009	2.511	4.159	0.992	2.367	3.994	0.918	2.199
15	Sabarmati (Dharoi)	GUJ	0.735	0.343	0.100	0.164	0.337	0.096	0.154	0.327	0.093	0.148	0.321	0.089	0.143
*16	Kadana	GUJ	1.472	0.732	0.628	0.789	0.720	0.639	0.782	0.691	0.634	0.770	0.667	0.612	0.758
17	Shetrunjji	GUJ	0.300	0.129	0.040	0.064	0.109	0.036	0.083	0.091	0.035	0.052	0.072	0.033	0.047
18	Bhadar	GUJ	0.188	0.094	0.016	0.037	0.090	0.014	0.036	0.085	0.013	0.035	0.081	0.011	0.033
19	Damanganga	GUJ	0.502	0.234	0.104	0.218	0.218	0.098	0.201	0.203	0.087	0.186	0.190	0.078	0.168
20	Dantiwada	GUJ	0.399	0.013	0.026	0.034	0.013	0.026	0.030	0.012	0.025	0.028	0.012	0.024	0.026
21	Panam	GUJ	0.697	0.366	0.326	0.315	0.356	0.314	0.308	0.341	0.301	0.301	0.328	0.289	0.295
*22	Sardar Sarovar	GUJ	5.760	1.586	1.061	0.739	1.531	1.127	0.813	1.426	1.119	0.818	1.473	1.091	0.809

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
23	Karjan	GUJ	0.523	0.277	0.276	0.277	0.266	0.262	0.263	0.255	0.252	0.252	0.251	0.229	0.239
24	Sukhi(Guj)	GUJ	0.167	0.088	0.032	0.015	0.083	0.027	0.027	0.076	0.021	0.029	0.076	0.017	0.011
25	Watrak	GUJ	0.154	0.085	0.006	0.027	0.082	0.005	0.011	0.078	0.003	0.021	0.075	0.003	0.034
26	Hathmati	GUJ	0.153	0.060	0.015	0.004	0.060	0.014	0.005	0.058	0.014	0.006	0.057	0.014	0.008
27	Machchhu-I	GUJ	0.071	0.023	0.007	0.012	0.022	0.010	0.012	0.021	0.011	0.013	0.021	0.011	0.010
28	Machchhu-II	GUJ	0.091	0.067	0.026	0.017	0.066	0.026	0.016	0.067	0.024	0.015	0.065	0.022	0.013
29	Und-I	GUJ	0.066	0.039	0.000	0.010	0.032	0.000	0.010	0.029	0.000	0.007	0.026	0.000	0.000
30	Brahmani (Guj)	GUJ	0.071	0.033	0.007	0.008	0.033	0.007	0.007	0.032	0.007	0.008	0.031	0.006	0.003
*31	Gobind Sagar (Bhakra)	HP	6.229	2.338	3.201	1.797	2.253	3.227	1.749	2.178	3.346	1.770	2.131	3.493	1.812
*32	Pong Dam (Beas)	HP	6.157	3.719	2.736	1.630	3.738	2.796	1.646	3.755	2.850	1.667	3.706	2.910	1.688
*33	Kol Dam	HP	0.089	0.076	0.049	0.045	0.068	0.049	0.043	0.065	0.049	0.053	0.058	0.065	0.047
34	Krishnaraja Sagara	KAR	1.163	0.697	0.441	0.309	0.611	0.374	0.288	0.600	0.368	0.263	0.530	0.354	0.237
*35	Tungabhadra	KAR	3.276	0.258	0.204	0.196	0.156	0.154	0.139	0.138	0.124	0.171	0.108	0.102	0.089
36	Ghataprabha (Hidkal)	KAR	1.391	0.556	0.279	0.219	0.468	0.277	0.210	0.464	0.236	0.187	0.407	0.184	0.146
37	Bhadra	KAR	1.785	0.921	0.713	0.698	0.808	0.645	0.681	0.728	0.583	0.615	0.692	0.520	0.602
38	Linganamakki	KAR	4.294	1.984	1.478	1.398	1.837	1.366	1.294	1.710	1.257	1.176	1.588	1.145	1.054
39	Narayanpur	KAR	0.863	0.327	0.219	0.307	0.323	0.215	0.270	0.323	0.214	0.249	0.340	0.214	0.249
40	Malaprabha (Renuka)	KAR	0.972	0.352	0.081	0.083	0.326	0.076	0.083	0.316	0.069	0.078	0.289	0.058	0.072
41	Kabini	KAR	0.444	0.246	0.176	0.071	0.226	0.164	0.077	0.216	0.132	0.066	0.203	0.120	0.061
42	Hemavathy	KAR	0.927	0.457	0.126	0.121	0.431	0.116	0.112	0.425	0.113	0.101	0.420	0.110	0.094
43	Harangi	KAR	0.220	0.084	0.033	0.036	0.083	0.030	0.034	0.083	0.030	0.033	0.083	0.031	0.033

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
44	Supa	KAR	4.120	2.063	1.912	1.558	1.936	1.819	1.459	1.815	1.727	1.381	1.703	1.655	1.314
45	Vani Vilas Sagar	KAR	0.802	0.259	0.017	0.106	0.259	0.017	0.106	0.235	0.014	0.099	0.233	0.013	0.095
*46	Almatti	KAR	3.105	0.844	0.702	0.412	0.819	0.679	0.377	0.784	0.656	0.353	0.715	0.591	0.326
*47	Gerusoppa	KAR	0.130	0.088	0.104	0.107	0.109	0.116	0.104	0.089	0.104	0.109	0.110	0.107	0.114
*48	Mani Dam	KAR	0.884	0.257	0.297	0.255	0.235	0.273	0.231	0.217	0.253	0.212	0.201	0.233	0.200
49	Tattihalla	KAR	0.249	0.000	0.043	0.011	0.000	0.043	0.011	0.000	0.025	0.004	0.000	0.021	0.003
50	Kallada (Parappar)	KRL	0.507	0.309	0.331	0.252	0.263	0.288	0.222	0.248	0.267	0.205	0.231	0.255	0.192
*51	Idamalayar	KRL	1.018	0.445	0.372	0.417	0.381	0.303	0.337	0.351	0.270	0.309	0.319	0.251	0.282
*52	Idukki	KRL	1.460	0.818	0.716	0.598	0.768	0.618	0.509	0.745	0.573	0.477	0.712	0.543	0.449
*53	Kakki	KRL	0.447	0.217	0.227	0.229	0.202	0.190	0.191	0.191	0.174	0.174	0.173	0.163	0.160
*54	Periyar	KRL	0.173	0.034	0.026	0.029	0.030	0.023	0.028	0.029	0.021	0.028	0.028	0.022	0.029
55	Malampuzha	KRL	0.224	0.045	0.029	0.046	0.044	0.026	0.045	0.044	0.026	0.044	0.040	0.026	0.044
*56	Gandhi Sagar	MP	6.827	4.321	0.044	1.140	4.300	0.044	1.752	4.279	0.035	1.871	4.257	0.030	1.773
57	Tawa	MP	1.944	0.873	0.152	0.446	0.848	0.150	0.454	0.785	0.150	0.440	0.732	0.148	0.428
*58	Bargi	MP	3.180	2.212	1.540	1.517	2.050	1.416	1.313	1.929	1.369	1.233	1.782	1.342	1.169
*59	Bansagar	MP	5.166	3.749	3.513	2.283	3.703	3.513	2.571	3.650	3.408	2.463	3.617	3.362	2.479
*60	Indira Sagar	MP	9.745	4.805	3.953	2.758	4.533	3.791	2.620	4.279	3.613	2.455	3.995	3.448	2.355
61	Barna Dam	MP	0.456	0.246	0.030	0.098	0.241	0.008	0.094	0.238	0.006	0.086	0.234	0.004	0.098
*62	Omkareswar	MP	0.299	0.192	0.000	0.000	0.197	0.000	0.000	0.216	0.000	0.000	0.234	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.165	0.017	0.037	0.166	0.022	0.036	0.166	0.022	0.035	0.166	0.021	0.033
64	Kolar Dam	MP	0.270	0.121	0.032	0.055	0.119	0.031	0.054	0.117	0.030	0.052	0.116	0.028	0.051
*65	Minimata Bango	CHH	3.046	2.369	1.762	1.801	2.342	1.733	1.904	2.320	1.705	1.748	2.285	1.665	1.706

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
66	Mahanadi	CHH	0.767	0.530	0.330	0.362	0.501	0.306	0.342	0.470	0.271	0.322	0.428	0.229	0.274
67	Dudhawa	CHH	0.284	0.147	0.042	0.070	0.146	0.042	0.063	0.144	0.042	0.061	0.141	0.042	0.062
68	Tandula	CHH	0.312	0.157	0.126	0.154	0.150	0.126	0.143	0.139	0.126	0.127	0.124	0.124	0.109
69	Jayakwadi (Paithan)	MAH	2.171	1.424	0.000	0.403	1.355	0.000	0.378	1.304	0.000	0.349	1.268	0.000	0.317
*70	Koyana	MAH	2.652	1.729	1.624	1.364	1.631	1.510	1.301	1.520	1.375	1.220	1.398	1.200	1.099
71	Bhima (Ujjani)	MAH	1.517	0.697	0.000	0.400	0.559	0.000	0.318	0.353	0.000	0.271	0.229	0.000	0.212
72	Isapur	MAH	0.965	0.529	0.210	0.296	0.503	0.189	0.279	0.475	0.177	0.267	0.455	0.159	0.254
73	Mula	MAH	0.609	0.365	0.096	0.219	0.334	0.093	0.186	0.303	0.061	0.172	0.271	0.043	0.162
74	Yeldari	MAH	0.809	0.665	0.000	0.137	0.630	0.000	0.124	0.595	0.000	0.117	0.570	0.000	0.108
75	Girna	MAH	0.524	0.251	0.104	0.100	0.238	0.102	0.092	0.227	0.100	0.088	0.217	0.098	0.084
76	Khadakvasla	MAH	0.056	0.049	0.031	0.031	0.026	0.029	0.031	0.028	0.028	0.031	0.027	0.023	0.031
*77	Upper Vaitarna	MAH	0.331	0.146	0.158	0.178	0.133	0.148	0.166	0.121	0.135	0.153	0.107	0.122	0.141
78	Upper Tapi	MAH	0.255	0.150	0.070	0.117	0.144	0.062	0.119	0.135	0.036	0.111	0.127	0.013	0.100
*79	Pench (Totladoh)	MAH	1.091	0.875	0.049	0.314	0.869	0.033	0.287	0.858	0.024	0.273	0.835	0.019	0.265
80	Upper Wardha	MAH	0.564	0.325	0.116	0.209	0.319	0.111	0.203	0.309	0.108	0.198	0.303	0.105	0.194
81	Bhatsa	MAH	0.942	0.557	0.462	0.503	0.490	0.404	0.444	0.471	0.385	0.423	0.453	0.367	0.408
82	Dhom	MAH	0.331	0.195	0.080	0.129	0.182	0.061	0.111	0.164	0.054	0.112	0.149	0.044	0.098
83	Dudhganga	MAH	0.664	0.390	0.271	0.354	0.335	0.212	0.278	0.312	0.185	0.264	0.295	0.165	0.235
84	Manikdoh	MAH	0.288	0.063	0.022	0.038	0.042	0.017	0.033	0.030	0.016	0.032	0.029	0.015	0.023
85	Bhandardara	MAH	0.304	0.227	0.040	0.127	0.211	0.037	0.116	0.185	0.037	0.124	0.172	0.037	0.106
86	Urmodi	MAH	0.273	0.231	0.090	0.178	0.229	0.084	0.171	0.225	0.073	0.165	0.219	0.065	0.159
87	Bhatghar	MAH	0.673	0.416	0.239	0.277	0.395	0.193	0.242	0.379	0.148	0.208	0.345	0.090	0.168

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
88	NiraDeoghar	MAH	0.332	0.197	0.078	0.100	0.184	0.064	0.088	0.174	0.053	0.076	0.153	0.038	0.067
*89	Thokarwadi	MAH	0.353	0.213	0.195	0.156	0.205	0.186	0.150	0.197	0.177	0.144	0.188	0.169	0.121
90	Kanher	MAH	0.272	0.129	0.109	0.109	0.115	0.105	0.102	0.102	0.098	0.096	0.095	0.090	0.090
*91	Mulshi	MAH	0.572	0.201	0.161	0.196	0.198	0.153	0.184	0.178	0.135	0.171	0.154	0.123	0.119
92	Surya	MAH	0.276	0.180	0.156	0.167	0.153	0.156	0.144	0.143	0.156	0.137	0.132	0.156	0.129
93	Tillari	MAH	0.447	0.307	0.195	0.263	0.296	0.186	0.254	0.286	0.177	0.245	0.275	0.168	0.236
*94	Doyang Hep	NAG	0.535	0.174	0.170	0.199	0.171	0.170	0.196	0.169	0.170	0.189	0.169	0.170	0.185
*95	Hirakud	ODI	5.378	3.609	2.555	2.527	3.443	2.408	2.390	3.184	2.192	2.131	2.976	2.083	1.993
*96	Balimela	ODI	2.676	1.400	1.331	0.898	1.255	1.255	1.153	1.204	1.167	1.029	1.130	1.106	0.816
97	Salanadi	ODI	0.558	0.321	0.299	0.177	0.315	0.296	0.131	0.314	0.295	0.129	0.310	0.294	0.169
*98	Rengali	ODI	3.432	2.487	1.053	1.562	2.205	0.985	1.639	1.927	0.908	1.416	1.664	0.855	1.116
*99	Machkund(Jalaput)	ODI	0.893	0.519	0.463	0.464	0.490	0.440	0.444	0.467	0.413	0.425	0.440	0.393	0.386
*100	Upper Kolab	ODI	0.935	0.522	0.368	0.349	0.484	0.343	0.397	0.455	0.314	0.341	0.425	0.284	0.309
*101	Upper Indravati	ODI	1.456	0.854	0.684	0.644	0.796	0.612	0.643	0.750	0.501	0.593	0.716	0.501	0.483
102	Sapua	ODI	0.006	0.006	0.004	0.004	0.006	0.004	0.004	0.006	0.004	0.004	0.006	0.004	0.004
103	Hariharjhor	ODI	0.059	0.043	0.004	0.021	0.041	0.000	0.019	0.038	0.000	0.018	0.035	0.000	0.016
*104	Thein Dam	PUN	2.344	1.061	1.690	0.840	1.111	1.721	0.940	1.090	1.800	0.979	1.180	1.841	1.043
*105	Mahi Bajaj Sagar	RAJ	1.711	0.747	0.520	0.525	0.698	0.486	0.503	0.657	0.474	0.480	0.648	0.469	0.471
106	Jhakam	RAJ	0.132	0.040	0.034	0.029	0.039	0.033	0.029	0.039	0.033	0.028	0.039	0.032	0.038
*107	Rana Pratap Sagar	RAJ	1.436	0.545	0.434	0.385	0.510	0.401	0.379	0.505	0.389	0.401	0.497	0.384	0.400
108	Bisalpur	RAJ	1.076	0.801	0.210	0.387	0.789	0.210	0.379	0.781	0.210	0.372	0.768	0.210	0.364
109	Lower Bhawani	TN	0.792	0.599	0.262	0.193	0.579	0.237	0.181	0.556	0.177	0.157	0.503	0.152	0.146

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 02.04.2020			As per Bulleting dated 09.04.2020			As per Bulleting dated 16.04.2020			As per Bulleting dated 23.04.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*110	Mettur(Stanley)	TN	2.647	1.936	0.743	0.753	1.900	0.642	0.752	1.879	0.604	0.737	1.858	0.578	0.720
111	Vaigai	TN	0.172	0.046	0.038	0.030	0.042	0.033	0.029	0.040	0.031	0.028	0.038	0.023	0.025
112	Parambikulam	TN	0.380	0.200	0.168	0.128	0.183	0.167	0.118	0.165	0.148	0.112	0.147	0.133	0.106
113	Aliyar	TN	0.095	0.002	0.007	0.029	0.000	0.006	0.034	0.000	0.003	0.033	0.000	0.005	0.034
*114	Sholayar	TN	0.143	0.000	0.000	0.004	0.000	0.000	0.003	0.000	0.000	0.004	0.001	0.000	0.005
115	Gumti	TRP	0.312	0.071	0.129	0.070	0.041	0.116	0.066	0.028	0.109	0.057	0.026	0.105	0.057
116	Matatila	UP	0.707	0.064	0.158	0.272	0.074	0.182	0.301	0.077	0.182	0.277	0.119	0.156	0.303
*117	Rihand	UP	5.649	1.744	1.199	1.516	1.570	0.927	1.336	1.509	0.856	1.260	1.468	0.820	1.189
118	Sharda Sagar	UP	0.330	0.330	0.049	0.168	0.308	0.017	0.175	0.284	0.003	0.171	0.262	0.000	0.166
119	Jirgo	UP	0.147	0.082	0.043	0.046	0.081	0.042	0.045	0.079	0.041	0.044	0.078	0.041	0.044
*120	Ramganga	UKH	2.196	1.298	0.912	0.993	1.300	0.899	0.845	1.298	0.898	0.830	1.295	0.899	0.756
*121	Tehri	UKH	2.615	0.754	0.719	0.646	0.726	0.633	0.572	0.691	0.570	0.481	0.648	0.504	0.417
122	Mayurakshi	WB	0.480	0.255	0.094	0.160	0.174	0.086	0.126	0.169	0.084	0.115	0.155	0.083	0.106
123	Kangsabati	WB	0.914	0.531	0.331	0.236	0.310	0.306	0.253	0.288	0.326	0.244	0.401	0.325	0.231
Reservoirs			171.09 1	84.767	52.065	52.629	80.306	49.372	51.113	76.708	47.105	48.370	73.729	45.159	45.613
Percentage				49.545	30.431	30.761	46.938	28.857	29.875	44.835	27.532	28.272	43.093	26.395	26.660

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	0.928	0.850	0.836	0.918	0.840	0.804	0.914	0.838	0.745	0.906	0.837	0.738
*2	Nagarjuna Sagar	AP/TG	5.108	1.753	0.068	0.785	1.711	0.058	0.779	1.546	0.048	0.802	1.349	0.034	0.802
3	Somasila	AP	1.994	1.211	0.109	0.629	1.158	0.102	0.616	1.082	0.099	0.587	1.006	0.096	0.570
4	Yeleru	AP	0.508	0.197	0.408	0.119	0.197	0.408	0.117	0.194	0.408	0.115	0.188	0.408	0.114
5	Sriramsagar	TG	2.300	0.866	0.193	0.307	0.860	0.184	0.296	0.848	0.176	0.287	0.848	0.171	0.281
6	Lower Manair	TG	0.621	0.202	0.123	0.145	0.201	0.121	0.145	0.255	0.118	0.145	0.252	0.116	0.143
7	Nizam Sagar	TG	0.482	0.024	0.000	0.047	0.024	0.000	0.058	0.024	0.000	0.043	0.024	0.000	0.042
8	Singur	TG	0.822	0.000	0.000	0.232	0.000	0.000	0.218	0.000	0.000	0.220	0.000	0.000	0.214
9	Tenughat	JHA	0.821	0.304	0.294	0.299	0.304	0.292	0.289	0.428	0.315	0.297	0.425	0.309	0.292
10	Maithon	JHA	0.471	0.471	0.102	0.168	0.471	0.102	0.134	0.471	0.100	0.130	0.429	0.097	0.121
*11	Panchet Hill	JHA	0.184	0.184	0.097	0.087	0.184	0.099	0.074	0.154	0.089	0.079	0.118	0.073	0.076
12	Konar	JHA	0.176	0.101	0.061	0.075	0.093	0.059	0.071	0.079	0.055	0.069	0.066	0.053	0.065
13	Tilaiya	JHA	0.142	0.041	0.009	0.025	0.040	0.008	0.024	0.039	0.007	0.025	0.037	0.006	0.024
*14	Ukai	GUJ	6.615	3.810	0.752	2.015	3.670	0.633	1.922	3.463	0.439	1.746	3.281	0.304	1.558
15	Sabarmati (Dharoi)	GUJ	0.735	0.310	0.085	0.137	0.302	0.082	0.133	0.296	0.078	0.127	0.289	0.074	0.122
*16	Kadana	GUJ	1.472	0.653	0.586	0.743	0.636	0.578	0.733	0.610	0.567	0.716	0.572	0.555	0.701
17	Shetrunjji	GUJ	0.300	0.069	0.030	0.041	0.061	0.028	0.037	0.044	0.026	0.034	0.042	0.024	0.032
18	Bhadar	GUJ	0.188	0.076	0.010	0.031	0.074	0.009	0.030	0.071	0.008	0.030	0.066	0.006	0.026
19	Damanganga	GUJ	0.502	0.158	0.071	0.147	0.147	0.063	0.127	0.127	0.050	0.110	0.111	0.039	0.093
20	Dantiwada	GUJ	0.399	0.012	0.024	0.020	0.011	0.023	0.018	0.009	0.022	0.014	0.002	0.021	0.013
21	Panam	GUJ	0.697	0.314	0.278	0.289	0.303	0.267	0.284	0.292	0.253	0.278	0.287	0.243	0.274

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*22	Sardar Sarovar	GUJ	5.760	1.385	1.147	0.835	1.363	1.158	0.843	1.468	1.171	0.840	1.450	1.142	0.826
23	Karjan	GUJ	0.523	0.239	0.219	0.227	0.223	0.216	0.221	0.212	0.207	0.207	0.207	0.190	0.188
24	Sukhi(Guj)	GUJ	0.167	0.063	0.009	0.004	0.060	0.007	0.017	0.061	0.006	0.006	0.060	0.006	0.004
25	Watrak	GUJ	0.154	0.071	0.002	0.007	0.068	0.001	0.042	0.063	0.001	0.035	0.059	0.001	0.021
26	Hathmati	GUJ	0.153	0.057	0.013	0.004	0.056	0.013	0.021	0.055	0.013	0.015	0.054	0.013	0.014
27	Machchhu-I	GUJ	0.071	0.020	0.011	0.010	0.019	0.010	0.009	0.017	0.010	0.009	0.017	0.010	0.011
28	Machchhu-II	GUJ	0.091	0.064	0.021	0.024	0.063	0.019	0.021	0.061	0.019	0.021	0.059	0.019	0.010
29	Und-I	GUJ	0.066	0.022	0.000	0.007	0.020	0.000	0.005	0.018	0.000	0.006	0.017	0.000	0.006
30	Brahmani(Guj)	GUJ	0.071	0.030	0.005	0.002	0.029	0.005	0.003	0.028	0.005	0.006	0.027	0.005	0.002
*31	Gobind Sagar (Bhakra)	HP	6.229	2.055	3.494	1.840	1.966	3.442	1.727	1.817	3.351	1.652	1.419	2.912	1.576
*32	Pong Dam (Beas)	HP	6.157	3.589	2.842	1.797	3.472	2.788	1.678	3.283	2.690	1.638	3.103	2.547	1.589
*33	Kol Dam	HP	0.089	0.049	0.065	0.048	0.044	0.065	0.040	0.036	0.065	0.032	0.035	0.065	0.042
34	KrishnarajaSagara	KAR	1.163	0.461	0.291	0.214	0.451	0.237	0.195	0.444	0.208	0.171	0.391	0.202	0.146
*35	Tungabhadra	KAR	3.276	0.092	0.097	0.197	0.087	0.093	0.196	0.118	0.072	0.199	0.141	0.081	0.239
36	Ghataprabha(Hidkal)	KAR	1.391	0.378	0.135	0.135	0.341	0.120	0.111	0.313	0.128	0.091	0.223	0.108	0.075
37	Bhadra	KAR	1.785	0.599	0.458	0.475	0.504	0.405	0.454	0.438	0.089	0.374	0.397	0.279	0.351
38	Linganamakki	KAR	4.294	1.507	1.033	1.051	1.424	0.940	0.915	1.267	0.815	0.853	1.161	0.702	0.739
39	Narayanpur	KAR	0.863	0.314	0.220	0.247	0.324	0.217	0.245	0.325	0.214	0.245	0.325	0.212	0.238
40	Malaprabha (Renuka)	KAR	0.972	0.298	0.053	0.069	0.293	0.050	0.065	0.286	0.059	0.062	0.280	0.042	0.057
41	Kabini	KAR	0.444	0.192	0.115	0.056	0.182	0.111	0.051	0.161	0.102	0.050	0.134	0.092	0.049
42	Hemavathy	KAR	0.927	0.421	0.107	0.087	0.416	0.105	0.084	0.409	0.103	0.081	0.407	0.101	0.079

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.083	0.031	0.033	0.083	0.031	0.034	0.083	0.032	0.034	0.084	0.032	0.032
44	Supa	KAR	4.120	1.625	1.562	1.234	1.534	1.508	1.201	1.425	1.416	1.135	1.369	1.335	1.091
45	Vani Vilas Sagar	KAR	0.802	0.225	0.013	0.098	0.220	0.012	0.090	0.209	0.011	0.089	0.203	0.010	0.158
*46	Almatti	KAR	3.105	0.659	0.522	0.302	0.602	0.463	0.282	0.553	0.389	0.258	0.521	0.368	0.247
*47	Gerusoppa	KAR	0.130	0.094	0.110	0.107	0.112	0.112	0.106	0.105	0.112	0.110	0.103	0.098	0.109
*48	Mani Dam	KAR	0.884	0.187	0.203	0.180	0.175	0.185	0.169	0.151	0.157	0.152	0.133	0.155	0.141
49	Tattihalla	KAR	0.249	0.000	0.018	0.002	0.000	0.017	0.002	0.000	0.016	0.002	0.000	0.016	0.002
50	Kallada (Parappar)	KRL	0.507	0.215	0.244	0.179	0.206	0.236	0.168	0.199	0.222	0.157	0.183	0.211	0.148
*51	Idamalayar	KRL	1.018	0.290	0.221	0.259	0.267	0.198	0.234	0.235	0.165	0.209	0.208	0.135	0.185
*52	Idukki	KRL	1.460	0.681	0.505	0.425	0.651	0.468	0.398	0.612	0.405	0.365	0.581	0.356	0.331
*53	Kakki	KRL	0.447	0.153	0.146	0.144	0.135	0.130	0.130	0.111	0.108	0.113	0.093	0.089	0.098
*54	Periyar	KRL	0.173	0.026	0.025	0.031	0.024	0.023	0.031	0.024	0.022	0.034	0.026	0.022	0.034
55	Malampuzha	KRL	0.224	0.037	0.026	0.043	0.037	0.026	0.042	0.036	0.025	0.042	0.035	0.025	0.042
*56	Gandhi Sagar	MP	6.827	4.235	0.030	1.773	4.217	0.030	1.342	3.949	0.030	1.259	3.932	0.030	1.734
57	Tawa	MP	1.944	0.653	0.148	0.410	0.601	0.148	0.398	0.492	0.145	0.378	0.379	0.144	0.364
*58	Bargi	MP	3.180	1.615	1.302	1.083	1.550	1.278	1.024	1.388	1.230	0.938	1.294	1.190	0.888
*59	Bansagar	MP	5.166	3.546	3.362	2.382	3.485	3.419	2.162	3.423	3.419	2.341	3.398	3.419	2.238
*60	Indira Sagar	MP	9.745	3.951	3.403	2.193	3.816	3.330	2.079	3.502	3.051	1.911	3.420	2.874	1.677
61	Barna Dam	MP	0.456	0.235	0.004	0.088	0.233	0.003	0.084	0.231	0.003	0.061	0.229	0.003	0.079
*62	Omkareswar	MP	0.299	0.244	0.000	0.000	0.247	0.000	0.000	0.244	0.000	0.000	0.000	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.165	0.019	0.032	0.163	0.019	0.032	0.161	0.019	0.030	0.160	0.019	0.029

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
64	Kolar Dam	MP	0.270	0.114	0.027	0.050	0.113	0.003	0.046	0.111	0.026	0.047	0.109	0.026	0.046
*65	Minimata Bango	CHH	3.046	2.244	1.620	1.666	2.207	1.556	1.625	2.186	1.484	1.499	2.175	1.438	1.478
66	Mahanadi	CHH	0.767	0.376	0.216	0.242	0.342	0.132	0.217	0.325	0.114	0.186	0.314	0.154	0.178
67	Dudhawa	CHH	0.284	0.139	0.042	0.060	0.138	0.042	0.057	0.136	0.042	0.055	0.135	0.042	0.052
68	Tandula	CHH	0.312	0.103	0.124	0.096	0.082	0.126	0.088	0.069	0.126	0.083	0.065	0.126	0.081
69	Jayakwadi(Paithan)	MAH	2.171	1.195	0.000	0.293	1.112	0.000	0.271	1.018	0.000	0.238	0.944	0.000	0.210
*70	Koyana	MAH	2.652	1.253	1.154	0.989	1.161	0.898	0.860	1.023	0.680	0.761	0.949	0.489	0.672
71	Bhima (Ujjani)	MAH	1.517	0.188	0.000	0.186	0.121	0.000	0.136	0.096	0.000	0.099	0.000	0.000	0.075
72	Isapur	MAH	0.965	0.445	0.135	0.235	0.424	0.113	0.225	0.393	0.088	0.208	0.378	0.063	0.190
73	Mula	MAH	0.609	0.236	0.040	0.138	0.210	0.036	0.119	0.176	0.033	0.096	0.140	0.028	0.074
74	Yeldari	MAH	0.809	0.563	0.000	0.101	0.558	0.000	0.092	0.547	0.000	0.076	0.501	0.000	0.071
75	Girna	MAH	0.524	0.213	0.096	0.079	0.210	0.094	0.074	0.199	0.071	0.070	0.178	0.051	0.064
76	Khadakvasla	MAH	0.056	0.025	0.022	0.031	0.037	0.018	0.028	0.037	0.016	0.029	0.015	0.017	0.023
*77	Upper Vaitarna	MAH	0.331	0.096	0.109	0.132	0.095	0.098	0.128	0.093	0.085	0.116	0.092	0.073	0.109
78	Upper Tapi	MAH	0.255	0.119	0.009	0.092	0.113	0.006	0.069	0.104	0.001	0.072	0.087	0.000	0.061
*79	Pench (Totladoh)	MAH	1.091	0.830	0.016	0.254	0.824	0.012	0.255	0.811	0.003	0.233	0.786	0.000	0.221
80	Upper Wardha	MAH	0.564	0.298	0.101	0.190	0.294	0.098	0.186	0.291	0.096	0.183	0.284	0.088	0.175
81	Bhatsa	MAH	0.942	0.435	0.351	0.390	0.420	0.337	0.375	0.399	0.316	0.355	0.379	0.297	0.333
82	Dhom	MAH	0.331	0.138	0.036	0.094	0.135	0.034	0.089	0.118	0.038	0.089	0.110	0.028	0.078
83	Dudhganga	MAH	0.664	0.272	0.156	0.216	0.253	0.123	0.197	0.228	0.089	0.174	0.203	0.080	0.157
84	Manikdoh	MAH	0.288	0.027	0.015	0.019	0.026	0.008	0.014	0.024	0.008	0.012	0.023	0.004	0.012

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
85	Bhandardara	MAH	0.304	0.159	0.037	0.096	0.148	0.025	0.084	0.135	0.017	0.065	0.123	0.017	0.053
86	Urmodi	MAH	0.273	0.208	0.056	0.154	0.199	0.056	0.150	0.187	0.056	0.143	0.182	0.056	0.138
87	Bhatghar	MAH	0.673	0.315	0.053	0.135	0.285	0.053	0.111	0.251	0.049	0.080	0.213	0.034	0.059
88	NiraDeoghar	MAH	0.332	0.139	0.024	0.057	0.127	0.020	0.050	0.117	0.011	0.041	0.098	0.011	0.029
*89	Thokarwadi	MAH	0.353	0.180	0.169	0.114	0.173	0.154	0.108	0.164	0.155	0.102	0.153	0.137	0.114
90	Kanher	MAH	0.272	0.092	0.086	0.085	0.085	0.086	0.080	0.075	0.086	0.073	0.072	0.086	0.066
*91	Mulshi	MAH	0.572	0.137	0.123	0.105	0.122	0.097	0.094	0.100	0.080	0.081	0.083	0.058	0.109
92	Surya	MAH	0.276	0.122	0.156	0.121	0.112	0.156	0.115	0.101	0.156	0.108	0.096	0.156	0.105
93	Tillari	MAH	0.447	0.264	0.158	0.226	0.255	0.158	0.218	0.244	0.158	0.208	0.234	0.158	0.199
*94	Doyang Hep	NAG	0.535	0.167	0.170	0.179	0.167	0.170	0.177	0.165	0.170	0.186	0.165	0.170	0.181
*95	Hirakud	ODI	5.378	2.727	1.892	1.855	2.487	1.673	1.594	2.270	1.463	1.475	2.048	1.283	1.326
*96	Balimela	ODI	2.676	1.052	1.026	0.894	0.969	1.132	0.770	0.878	0.864	0.836	0.801	0.840	0.792
97	Salanadi	ODI	0.558	0.308	0.295	0.162	0.307	0.307	0.164	0.305	0.306	0.168	0.308	0.305	0.167
*98	Rengali	ODI	3.432	1.351	0.754	1.320	1.181	0.730	1.100	1.008	0.571	0.978	0.747	0.490	0.868
*99	Machkund (Jalaput)	ODI	0.893	0.408	0.376	0.377	0.389	0.369	0.362	0.357	0.339	0.349	0.341	0.316	0.340
*100	Upper Kolab	ODI	0.935	0.407	0.260	0.322	0.376	0.251	0.277	0.332	0.216	0.249	0.292	0.204	0.229
*101	Upper Indravati	ODI	1.456	0.684	0.460	0.501	0.637	0.440	0.479	0.581	0.338	0.426	0.558	0.302	0.377
102	Sapua	ODI	0.006	0.006	0.004	0.003	0.006	0.004	0.003	0.006	0.004	0.003	0.006	0.004	0.003
103	Hariharjhор	ODI	0.059	0.039	0.000	0.013	0.037	0.000	0.013	0.037	0.000	0.012	0.036	0.000	0.012
*104	Thein Dam	PUN	2.344	1.159	1.880	1.089	1.263	1.841	1.186	1.208	1.760	1.158	1.172	1.660	1.138
*105	Mahi Bajaj Sagar	RAJ	1.711	0.644	0.465	0.466	0.640	0.462	0.462	0.632	0.456	0.459	0.620	0.453	0.453

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 30.04.2020			As per Bulleting dated 06.05.2020			As per Bulleting dated 14.05.2020			As per Bulleting dated 21.05.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
106	Jhakam	RAJ	0.132	0.038	0.032	0.028	0.038	0.031	0.028	0.038	0.031	0.028	0.037	0.031	0.027
*107	Rana Pratap Sagar	RAJ	1.436	0.495	0.379	0.405	0.481	0.359	0.391	0.661	0.341	0.420	0.642	0.322	0.434
108	Bisalpur	RAJ	1.076	0.754	0.210	0.356	0.736	0.210	0.348	0.713	0.210	0.337	0.695	0.210	0.328
109	Lower Bhawani	TN	0.792	0.464	0.141	0.138	0.456	0.139	0.136	0.444	0.144	0.136	0.435	0.145	0.142
*110	Mettur (Stanley)	TN	2.647	1.839	0.558	0.719	1.842	0.542	0.716	1.839	0.508	0.714	1.842	0.474	0.717
111	Vaigai	TN	0.172	0.037	0.024	0.024	0.036	0.023	0.023	0.034	0.021	0.024	0.032	0.020	0.026
112	Parambikulam	TN	0.380	0.135	0.117	0.103	0.119	0.102	0.100	0.100	0.083	0.094	0.085	0.071	0.091
113	Aliyar	TN	0.095	0.000	0.007	0.035	0.000	0.007	0.035	0.004	0.006	0.036	0.003	0.004	0.035
*114	Sholayar	TN	0.143	0.002	0.000	0.005	0.003	0.000	0.005	0.004	0.000	0.006	0.005	0.000	0.007
115	Gumti	TRP	0.312	0.025	0.097	0.061	0.024	0.099	0.054	0.024	0.104	0.065	0.021	0.101	0.082
116	Matatila	UP	0.707	0.151	0.156	0.301	0.176	0.191	0.284	0.158	0.153	0.252	0.134	0.101	0.212
*117	Rihand	UP	5.649	1.416	0.785	1.121	1.385	0.767	1.015	1.344	0.758	1.001	1.313	0.758	0.885
118	Sharda Sagar	UP	0.330	0.235	0.000	0.157	0.241	0.000	0.150	0.243	0.000	0.139	0.236	0.000	0.134
119	Jirgo	UP	0.147	0.077	0.040	0.043	0.076	0.039	0.042	0.074	0.038	0.041	0.073	0.038	0.040
*120	Ramganga	UKH	2.196	1.299	0.899	0.929	1.306	0.893	0.832	1.309	0.885	0.715	1.276	0.879	0.658
*121	Tehri	UKH	2.615	0.606	0.448	0.334	0.599	0.381	0.262	0.560	0.270	0.204	0.518	0.146	0.142
122	Mayurakshi	WB	0.480	0.146	0.079	0.100	0.149	0.079	0.096	0.153	0.078	0.097	0.155	0.078	0.097
123	Kangsabati	WB	0.914	0.401	0.318	0.225	0.401	0.306	0.203	0.402	0.306	0.217	0.402	0.306	0.214
<b>Reservoirs</b>			<b>171.091</b>	<b>70.506</b>	<b>43.384</b>	<b>44.422</b>	<b>68.036</b>	<b>41.680</b>	<b>41.328</b>	<b>64.600</b>	<b>38.508</b>	<b>39.217</b>	<b>60.734</b>	<b>36.154</b>	<b>37.579</b>
<b>Percentage</b>			<b>41.210</b>	<b>25.357</b>	<b>25.964</b>	<b>39.766</b>	<b>24.361</b>	<b>24.156</b>	<b>37.758</b>	<b>22.507</b>	<b>22.922</b>	<b>35.498</b>	<b>21.131</b>	<b>21.964</b>	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	0.898	0.833	0.728	0.895	0.825	0.715	0.895	0.824	0.729	0.895	0.815	0.741
*2	Nagarjuna Sagar	AP/TG	5.108	1.189	0.000	0.803	1.105	0.000	0.811	1.083	0.000	0.808	1.077	0.000	0.811
3	Somasila	AP	1.994	0.927	0.093	0.543	0.849	0.090	0.511	0.774	0.088	0.485	0.759	0.083	0.462
4	Yeleru	AP	0.508	0.185	0.408	0.111	0.183	0.408	0.109	0.181	0.408	0.108	0.179	0.408	0.105
5	Sriramsagar	TG	2.300	0.842	0.168	0.276	0.842	0.165	0.287	0.842	0.163	0.283	0.842	0.160	0.291
6	Lower Manair	TG	0.621	0.248	0.113	0.141	0.245	0.111	0.138	0.243	0.108	0.137	0.243	0.105	0.136
7	Nizam Sagar	TG	0.482	0.023	0.000	0.041	0.023	0.000	0.042	0.023	0.000	0.040	0.023	0.000	0.039
8	Singur	TG	0.822	0.000	0.000	0.209	0.000	0.000	0.197	0.000	0.000	0.199	0.000	0.000	0.207
9	Tenughat	JHA	0.821	0.417	0.305	0.268	0.376	0.299	0.287	0.342	0.295	0.285	0.336	0.293	0.274
10	Maithon	JHA	0.471	0.424	0.091	0.105	0.391	0.083	0.121	0.328	0.076	0.112	0.274	0.068	0.102
*11	Panchet Hill	JHA	0.184	0.107	0.060	0.067	0.107	0.054	0.079	0.093	0.048	0.074	0.065	0.034	0.072
12	Konar	JHA	0.176	0.054	0.046	0.056	0.043	0.034	0.058	0.032	0.028	0.054	0.043	0.026	0.050
13	Tilaiya	JHA	0.142	0.036	0.005	0.017	0.035	0.003	0.024	0.034	0.001	0.023	0.036	0.000	0.023
*14	Ukai	GUJ	6.615	3.125	0.285	1.435	2.990	0.261	1.307	2.867	0.238	1.231	2.809	0.221	1.228
15	Sabarmati (Dharoi)	GUJ	0.735	0.282	0.071	0.118	0.276	0.067	0.113	0.269	0.063	0.107	0.264	0.059	0.102
*16	Kadana	GUJ	1.472	0.543	0.535	0.682	0.533	0.509	0.666	0.525	0.488	0.652	0.533	0.485	0.643
17	Shetrunjji	GUJ	0.300	0.042	0.023	0.030	0.040	0.021	0.029	0.054	0.020	0.028	0.074	0.019	0.030
18	Bhadar	GUJ	0.188	0.060	0.005	0.023	0.051	0.004	0.019	0.043	0.003	0.016	0.045	0.003	0.020
19	Damanganga	GUJ	0.502	0.098	0.031	0.079	0.083	0.027	0.060	0.087	0.024	0.052	0.114	0.020	0.049
20	Dantiwada	GUJ	0.399	0.001	0.021	0.013	0.001	0.020	0.012	0.001	0.019	0.013	0.000	0.019	0.014
21	Panam	GUJ	0.697	0.283	0.241	0.271	0.280	0.241	0.268	0.278	0.239	0.267	0.280	0.237	0.266

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*22	Sardar Sarovar	GUJ	5.760	1.486	1.220	0.774	1.872	1.265	0.721	2.495	1.222	0.689	2.571	1.179	0.675
23	Karjan	GUJ	0.523	0.197	0.179	0.175	0.188	0.168	0.163	0.179	0.157	0.154	0.179	0.148	0.150
24	Sukhi(Guj)	GUJ	0.167	0.056	0.006	0.008	0.056	0.006	0.017	0.056	0.006	0.016	0.056	0.006	0.016
25	Watrank	GUJ	0.154	0.056	0.001	0.032	0.053	0.001	0.033	0.052	0.001	0.031	0.052	0.001	0.029
26	Hathmati	GUJ	0.153	0.053	0.013	0.026	0.050	0.013	0.008	0.049	0.013	0.008	0.049	0.013	0.007
27	Machchhu-I	GUJ	0.071	0.015	0.010	0.009	0.014	0.010	0.009	0.014	0.010	0.009	0.015	0.010	0.008
28	Machchhu-II	GUJ	0.091	0.053	0.019	0.019	0.044	0.019	0.013	0.042	0.019	0.012	0.042	0.019	0.010
29	Und-I	GUJ	0.066	0.014	0.000	0.005	0.011	0.000	0.003	0.009	0.000	0.003	0.008	0.000	0.003
30	Brahmani(Guj)	GUJ	0.071	0.025	0.005	0.002	0.024	0.005	0.003	0.023	0.005	0.002	0.023	0.005	0.002
*31	Gobind Sagar (Bhakra)	HP	6.229	1.354	2.845	1.617	1.359	2.788	1.651	1.370	2.714	1.721	1.482	2.623	1.657
*32	Pong Dam (Beas)	HP	6.157	2.926	2.453	1.541	2.764	2.354	1.483	2.603	2.280	1.467	2.456	2.219	1.427
*33	Kol Dam	HP	0.089	0.020	0.065	0.035	0.013	0.065	0.033	0.029	0.065	0.035	0.059	0.065	0.032
34	KrishnarajaSagara	KAR	1.163	0.363	0.197	0.121	0.364	0.192	0.109	0.371	0.186	0.113	0.383	0.181	0.156
*35	Tungabhadra	KAR	3.276	0.174	0.076	0.139	0.181	0.069	0.151	0.176	0.065	0.359	0.173	0.061	0.464
36	Ghataprabha (Hidkal)	KAR	1.391	0.189	0.052	0.063	0.186	0.015	0.061	0.187	0.013	0.051	0.224	0.011	0.073
37	Bhadra	KAR	1.785	0.395	0.270	0.321	0.394	0.268	0.306	0.394	0.266	0.311	0.428	0.257	0.381
38	Linganamakki	KAR	4.294	1.008	0.617	0.664	0.910	0.545	0.601	0.806	0.476	0.547	0.789	0.431	0.609
39	Narayanpur	KAR	0.863	0.323	0.228	0.242	0.331	0.219	0.255	0.357	0.226	0.278	0.358	0.222	0.279
40	Malaprabha (Renuka)	KAR	0.972	0.266	0.039	0.053	0.259	0.035	0.053	0.252	0.030	0.047	0.243	0.025	0.051
41	Kabini	KAR	0.444	0.125	0.083	0.046	0.117	0.071	0.046	0.120	0.060	0.051	0.124	0.064	0.080
42	Hemavathy	KAR	0.927	0.371	0.099	0.077	0.292	0.098	0.080	0.233	0.098	0.087	0.246	0.098	0.138
43	Harangi	KAR	0.220	0.084	0.032	0.031	0.084	0.032	0.032	0.085	0.030	0.035	0.089	0.032	0.048

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
44	Supa	KAR	4.120	1.272	1.277	1.047	1.200	1.253	1.006	1.143	1.231	0.999	1.102	1.206	0.969
45	Vani Vilas Sagar	KAR	0.802	0.195	0.010	0.089	0.197	0.010	0.090	0.189	0.011	0.094	0.183	0.010	0.089
*46	Almatti	KAR	3.105	0.484	0.322	0.232	0.446	0.297	0.225	0.596	0.282	0.227	0.682	0.267	0.275
*47	Gerusoppa	KAR	0.130	0.116	0.096	0.108	0.118	0.105	0.107	0.103	0.115	0.104	0.098	0.096	0.099
*48	Mani Dam	KAR	0.884	0.111	0.155	0.132	0.102	0.155	0.125	0.093	0.155	0.120	0.098	0.155	0.132
49	Tattihalla	KAR	0.249	0.000	0.016	0.002	0.000	0.016	0.002	0.003	0.016	0.004	0.004	0.016	0.007
50	Kallada (Parappar)	KRL	0.507	0.168	0.200	0.138	0.176	0.191	0.135	0.172	0.184	0.144	0.157	0.176	0.156
*51	Idamalayar	KRL	1.018	0.195	0.112	0.161	0.160	0.093	0.148	0.155	0.082	0.146	0.142	0.081	0.171
*52	Idukki	KRL	1.460	0.556	0.307	0.297	0.517	0.270	0.280	0.489	0.236	0.280	0.460	0.219	0.316
*53	Kakki	KRL	0.447	0.070	0.072	0.085	0.058	0.056	0.077	0.058	0.045	0.077	0.061	0.040	0.089
*54	Periyar	KRL	0.173	0.023	0.021	0.034	0.024	0.021	0.036	0.023	0.021	0.040	0.022	0.022	0.048
55	Malampuzha	KRL	0.224	0.034	0.024	0.041	0.034	0.024	0.043	0.035	0.023	0.047	0.037	0.024	0.055
*56	Gandhi Sagar	MP	6.827	3.910	0.030	1.498	3.890	0.030	1.700	3.889	0.030	0.845	3.904	0.000	0.810
57	Tawa	MP	1.944	0.300	0.139	0.358	0.251	0.136	0.361	0.261	0.134	0.351	0.271	0.133	0.359
*58	Bargi	MP	3.180	1.150	1.137	0.805	1.078	1.111	0.732	1.037	1.084	0.677	0.989	1.051	0.629
*59	Bansagar	MP	5.166	3.331	3.419	2.031	3.273	3.419	2.266	3.255	3.419	1.854	3.233	2.714	1.982
*60	Indira Sagar	MP	9.745	3.273	2.668	1.525	2.736	2.487	1.339	2.290	2.375	1.232	2.092	2.284	1.108
61	Barna Dam	MP	0.456	0.226	0.003	0.070	0.223	0.003	0.082	0.221	0.003	0.090	0.221	0.000	0.063
*62	Omkareswar	MP	0.299	0.210	0.000	0.000	0.206	0.000	0.000	0.222	0.000	0.000	0.120	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.158	0.019	0.028	0.158	0.019	0.026	0.158	0.019	0.024	0.165	0.019	0.025
64	Kolar Dam	MP	0.270	0.108	0.026	0.045	0.106	0.026	0.043	0.104	0.026	0.042	0.105	0.026	0.041
*65	Minimata Bango	CHH	3.046	2.164	1.417	1.451	2.156	1.404	1.419	2.150	1.391	1.512	2.309	1.382	1.439

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
66	Mahanadi	CHH	0.767	0.300	0.145	0.184	0.292	0.132	0.168	0.289	0.124	0.163	0.287	0.113	0.161
67	Dudhawa	CHH	0.284	0.134	0.042	0.050	0.133	0.042	0.046	0.133	0.042	0.046	0.135	0.042	0.049
68	Tandula	CHH	0.312	0.064	0.126	0.080	0.063	0.126	0.080	0.062	0.126	0.080	0.061	0.126	0.081
69	Jayakwadi (Paithan)	MAH	2.171	0.870	0.000	0.183	0.816	0.000	0.163	0.768	0.000	0.153	0.810	0.000	0.149
*70	Koyana	MAH	2.652	0.851	0.341	0.568	0.816	0.284	0.499	0.781	0.232	0.463	0.797	0.204	0.496
71	Bhima (Ujjani)	MAH	1.517	0.000	0.000	0.052	0.000	0.000	0.041	0.000	0.000	0.036	0.000	0.000	0.050
72	Isapur	MAH	0.965	0.369	0.034	0.176	0.339	0.013	0.163	0.318	0.000	0.154	0.350	0.000	0.167
73	Mula	MAH	0.609	0.105	0.024	0.054	0.075	0.021	0.037	0.061	0.018	0.029	0.064	0.015	0.025
74	Yeldari	MAH	0.809	0.494	0.000	0.070	0.490	0.000	0.070	0.484	0.000	0.068	0.484	0.000	0.068
75	Girna	MAH	0.524	0.174	0.048	0.058	0.175	0.046	0.048	0.177	0.044	0.041	0.179	0.041	0.040
76	Khadakvasla	MAH	0.056	0.008	0.023	0.023	0.024	0.023	0.022	0.031	0.020	0.019	0.033	0.012	0.012
*77	Upper Vaitarna	MAH	0.331	0.090	0.062	0.102	0.089	0.050	0.095	0.089	0.039	0.087	0.089	0.029	0.081
78	Upper Tapi	MAH	0.255	0.070	0.000	0.049	0.052	0.000	0.040	0.048	0.000	0.031	0.045	0.000	0.037
*79	Pench (Totladoh)	MAH	1.091	0.765	0.000	0.208	0.753	0.000	0.196	0.744	0.000	0.184	0.762	0.000	0.173
80	Upper Wardha	MAH	0.564	0.277	0.084	0.170	0.274	0.080	0.165	0.273	0.076	0.163	0.285	0.073	0.161
81	Bhatsa	MAH	0.942	0.358	0.280	0.320	0.338	0.263	0.301	0.318	0.249	0.288	0.302	0.232	0.282
82	Dhom	MAH	0.331	0.110	0.015	0.062	0.105	0.005	0.059	0.102	0.002	0.051	0.106	0.002	0.056
83	Dudhganga	MAH	0.664	0.186	0.051	0.132	0.171	0.025	0.122	0.167	0.012	0.120	0.205	0.010	0.122
84	Manikdoh	MAH	0.288	0.021	0.003	0.007	0.022	0.003	0.008	0.024	0.002	0.007	0.015	0.002	0.008
85	Bhandardara	MAH	0.304	0.109	0.017	0.043	0.098	0.008	0.035	0.095	0.003	0.033	0.088	0.003	0.031
86	Urmodi	MAH	0.273	0.172	0.056	0.134	0.165	0.056	0.119	0.159	0.056	0.115	0.153	0.056	0.114
87	Bhatghar	MAH	0.673	0.185	0.034	0.050	0.184	0.034	0.046	0.180	0.034	0.042	0.176	0.034	0.049

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
88	NiraDeoghar	MAH	0.332	0.084	0.011	0.017	0.075	0.011	0.012	0.062	0.011	0.008	0.056	0.011	0.013
*89	Thokarwadi	MAH	0.353	0.145	0.128	0.087	0.139	0.119	0.104	0.139	0.119	0.104	0.128	0.056	0.093
90	Kanher	MAH	0.272	0.066	0.086	0.060	0.058	0.086	0.054	0.058	0.086	0.054	0.047	0.084	0.054
*91	Mulshi	MAH	0.572	0.066	0.045	0.050	0.061	0.033	0.090	0.061	0.033	0.090	0.042	0.013	0.084
92	Surya	MAH	0.276	0.094	0.156	0.103	0.092	0.156	0.100	0.092	0.156	0.100	0.091	0.156	0.099
93	Tillari	MAH	0.447	0.224	0.158	0.192	0.217	0.158	0.184	0.208	0.158	0.179	0.231	0.158	0.183
*94	Doyang Hep	NAG	0.535	0.169	0.170	0.179	0.168	0.170	0.180	0.167	0.170	0.183	0.182	0.170	0.196
*95	Hirakud	ODI	5.378	1.840	1.064	1.121	1.638	0.973	1.005	1.528	0.924	0.844	1.439	0.834	0.697
*96	Balimela	ODI	2.676	0.711	0.686	0.607	0.628	0.623	0.510	0.577	0.556	0.551	0.558	0.477	0.555
97	Salanadi	ODI	0.558	0.306	0.304	0.184	0.313	0.303	0.167	0.313	0.301	0.165	0.314	0.300	0.167
*98	Rengali	ODI	3.432	0.528	0.331	0.534	0.460	0.290	0.426	0.366	0.211	0.406	0.264	0.187	0.317
*99	Machkund (Jalaput)	ODI	0.893	0.317	0.296	0.272	0.303	0.275	0.261	0.292	0.261	0.244	0.297	0.244	0.268
*100	Upper Kolab	ODI	0.935	0.263	0.168	0.176	0.249	0.160	0.182	0.235	0.138	0.160	0.232	0.115	0.137
*101	Upper Indravati	ODI	1.456	0.535	0.259	0.322	0.537	0.263	0.286	0.524	0.248	0.245	0.507	0.228	0.262
102	Sapua	ODI	0.006	0.006	0.004	0.003	0.006	0.004	0.003	0.006	0.004	0.003	0.006	0.001	0.003
103	Hariharjhor	ODI	0.059	0.036	0.000	0.010	0.035	0.000	0.010	0.035	0.000	0.010	0.035	0.000	0.010
*104	Thein Dam	PUN	2.344	1.233	1.568	1.070	1.360	1.507	1.166	1.386	1.360	1.174	1.318	1.294	1.159
*105	Mahi Bajaj Sagar	RAJ	1.711	0.607	0.448	0.449	0.603	0.445	0.444	0.603	0.442	0.448	0.599	0.440	0.448
106	Jhakam	RAJ	0.132	0.037	0.031	0.027	0.036	0.031	0.027	0.036	0.030	0.027	0.036	0.030	0.026
*107	Rana Pratap Sagar	RAJ	1.436	0.640	0.309	0.436	0.633	0.321	0.440	0.631	0.308	0.459	0.617	0.319	0.470
108	Bisalpur	RAJ	1.076	0.676	0.210	0.318	0.654	0.210	0.309	0.636	0.210	0.300	0.627	0.210	0.293
109	Lower Bhawani	TN	0.792	0.433	0.149	0.147	0.431	0.154	0.151	0.441	0.157	0.159	0.444	0.164	0.186

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 28.05.2020			As per Bulleting dated 04.06.2020			As per Bulleting dated 11.06.2020			As per Bulleting dated 18.06.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*110	Mettur (Stanley)	TN	2.647	1.861	0.455	0.734	1.892	0.438	0.752	1.900	0.429	0.757	1.803	0.421	0.739
111	Vaigai	TN	0.172	0.024	0.018	0.025	0.023	0.017	0.024	0.021	0.016	0.022	0.019	0.014	0.022
112	Parambikulam	TN	0.380	0.073	0.062	0.088	0.068	0.056	0.086	0.069	0.053	0.086	0.071	0.057	0.090
113	Aliyar	TN	0.095	0.001	0.002	0.033	0.002	0.000	0.031	0.001	0.003	0.030	0.000	0.003	0.029
*114	Sholayar	TN	0.143	0.006	0.000	0.007	0.007	0.000	0.010	0.009	0.000	0.016	0.011	0.000	0.031
115	Gumti	TRP	0.312	0.050	0.097	0.076	0.074	0.096	0.090	0.074	0.096	0.090	0.134	0.094	0.107
116	Matatila	UP	0.707	0.119	0.073	0.193	0.093	0.058	0.171	0.093	0.054	0.152	0.093	0.049	0.120
*117	Rihand	UP	5.649	1.230	0.749	0.865	1.085	0.732	0.793	0.971	0.705	0.731	0.891	0.687	0.673
118	Sharda Sagar	UP	0.330	0.225	0.000	0.145	0.218	0.000	0.153	0.205	0.000	0.163	0.234	0.000	0.177
119	Jirgo	UP	0.147	0.070	0.034	0.038	0.069	0.034	0.038	0.069	0.034	0.038	0.074	0.031	0.036
*120	Ramganga	UKH	2.196	1.248	0.874	0.762	1.213	0.834	0.603	1.213	0.834	0.603	1.162	0.681	0.554
*121	Tehri	UKH	2.615	0.441	0.084	0.088	0.324	0.066	0.072	0.187	0.049	0.046	0.101	0.030	0.108
122	Mayurakshi	WB	0.480	0.160	0.078	0.100	0.165	0.077	0.101	0.165	0.076	0.102	0.180	0.076	0.107
123	Kangsabati	WB	0.914	0.407	0.305	0.213	0.411	0.304	0.222	0.418	0.304	0.222	0.442	0.303	0.274
<b>Reservoirs</b>			<b>171.091</b>	<b>58.034</b>	<b>34.110</b>	<b>34.699</b>	<b>55.837</b>	<b>32.801</b>	<b>33.706</b>	<b>54.636</b>	<b>31.572</b>	<b>31.982</b>	<b>54.106</b>	<b>29.577</b>	<b>32.021</b>
<b>Percentage</b>			<b>33.920</b>	<b>19.937</b>	<b>20.281</b>	<b>32.636</b>	<b>19.172</b>	<b>19.701</b>	<b>31.934</b>	<b>18.453</b>	<b>18.693</b>	<b>31.624</b>	<b>17.287</b>	<b>18.716</b>	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	0.894	0.812	0.720	0.912	0.808	0.733	0.935	0.805	0.755	1.074	0.796	0.780
*2	Nagarjuna Sagar	AP/TG	5.108	1.066	0.000	0.817	1.055	0.000	0.800	1.044	0.000	0.785	1.027	0.000	0.774
3	Somasila	AP	1.994	0.709	0.078	0.442	0.662	0.075	0.424	0.625	0.071	0.406	0.635	0.069	0.411
4	Yeleru	AP	0.508	0.178	0.408	0.103	0.170	0.408	0.100	0.176	0.408	0.098	0.192	0.408	0.099
5	Sriramsagar	TG	2.300	0.842	0.157	0.287	0.860	0.155	0.289	0.914	0.153	0.365	0.968	0.152	0.458
6	Lower Manair	TG	0.621	0.241	0.103	0.135	0.241	0.100	0.134	0.240	0.099	0.134	0.279	0.096	0.133
7	Nizam Sagar	TG	0.482	0.023	0.000	0.039	0.023	0.000	0.039	0.023	0.000	0.038	0.023	0.000	0.041
8	Singur	TG	0.822	0.000	0.000	0.162	0.000	0.000	0.194	0.000	0.000	0.218	0.000	0.000	0.224
9	Tenughat	JHA	0.821	0.345	0.301	0.287	0.342	0.306	0.295	0.351	0.339	0.319	0.365	0.342	0.324
10	Maithon	JHA	0.471	0.288	0.066	0.140	0.280	0.078	0.146	0.205	0.083	0.162	0.365	0.130	0.181
*11	Panchet Hill	JHA	0.184	0.060	0.029	0.087	0.046	0.036	0.086	0.075	0.052	0.090	0.135	0.083	0.111
12	Konar	JHA	0.176	0.049	0.027	0.057	0.049	0.027	0.055	0.056	0.028	0.064	0.074	0.030	0.067
13	Tilaiya	JHA	0.142	0.038	0.000	0.023	0.041	0.000	0.025	0.052	0.001	0.032	0.076	0.002	0.036
*14	Ukai	GUJ	6.615	2.770	0.200	1.254	2.866	0.194	1.246	2.960	0.209	1.327	3.052	0.275	1.598
15	Sabarmati (Dharoi)	GUJ	0.735	0.257	0.055	0.103	0.250	0.052	0.107	0.246	0.048	0.110	0.242	0.045	0.126
*16	Kadana	GUJ	1.472	0.535	0.498	0.634	0.537	0.469	0.623	0.530	0.595	0.579	0.537	0.553	0.630
17	Shetrunji	GUJ	0.300	0.074	0.018	0.054	0.081	0.026	0.054	0.099	0.026	0.060	0.107	0.025	0.069
18	Bhadar	GUJ	0.188	0.046	0.005	0.019	0.051	0.009	0.031	0.058	0.011	0.029	0.063	0.011	0.033
19	Damanganga	GUJ	0.502	0.107	0.017	0.062	0.105	0.151	0.095	0.152	0.163	0.112	0.187	0.171	0.148
20	Dantiwada	GUJ	0.399	0.000	0.019	0.014	0.000	0.018	0.014	0.000	0.018	0.015	0.000	0.017	0.025

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Panam	GUJ	0.697	0.280	0.237	0.266	0.274	0.237	0.268	0.223	0.257	0.274	0.216	0.257	0.289
*22	Sardar Sarovar	GUJ	5.760	2.039	1.178	0.564	1.577	1.198	0.472	1.530	1.172	0.588	1.428	1.394	0.676
23	Karjan	GUJ	0.523	0.179	0.147	0.150	0.168	0.157	0.151	0.151	0.175	0.163	0.163	0.177	0.170
24	Sukhi(Guj)	GUJ	0.167	0.062	0.006	0.016	0.062	0.004	0.016	0.062	0.004	0.017	0.062	0.037	0.022
25	Watrak	GUJ	0.154	0.051	0.001	0.028	0.050	0.001	0.027	0.049	0.001	0.029	0.049	0.003	0.037
26	Hathmati	GUJ	0.153	0.049	0.013	0.007	0.054	0.013	0.009	0.048	0.013	0.009	0.048	0.010	0.010
27	Machchhu-I	GUJ	0.071	0.015	0.010	0.008	0.015	0.010	0.009	0.019	0.010	0.009	0.022	0.004	0.016
28	Machchhu-II	GUJ	0.091	0.036	0.019	0.010	0.031	0.019	0.016	0.035	0.019	0.016	0.033	0.004	0.023
29	Und-I	GUJ	0.066	0.007	0.000	0.003	0.007	0.000	0.003	0.059	0.000	0.004	0.059	0.000	0.010
30	Brahmani (Guj)	GUJ	0.071	0.022	0.005	0.002	0.020	0.005	0.003	0.019	0.005	0.003	0.019	0.001	0.008
*31	Gobind Sagar (Bhakra)	HP	6.229	1.647	2.516	1.812	1.895	2.537	1.975	2.088	2.776	2.232	2.362	3.215	2.527
*32	Pong Dam (Beas)	HP	6.157	2.376	2.096	1.392	2.346	1.993	1.447	2.347	1.984	1.590	2.362	2.113	1.751
*33	Kol Dam	HP	0.089	0.065	0.065	0.033	0.026	0.065	0.052	0.037	0.065	0.050	0.025	0.065	0.052
34	Krishnaraja Sagara	KAR	1.163	0.439	0.178	0.207	0.460	0.181	0.286	0.558	0.246	0.370	0.624	0.338	0.456
*35	Tungabhadra	KAR	3.276	0.238	0.057	0.574	0.297	0.054	0.725	0.371	0.087	0.722	0.693	0.379	1.008
36	Ghataprabha (Hidkal)	KAR	1.391	0.270	0.010	0.090	0.256	0.022	0.147	0.390	0.307	0.268	0.549	0.616	0.410
37	Bhadra	KAR	1.785	0.488	0.230	0.410	0.509	0.236	0.542	0.636	0.332	0.618	0.692	0.434	0.744
38	Linganamakki	KAR	4.294	0.732	0.383	0.674	0.631	0.439	0.807	0.899	0.737	1.042	1.006	0.963	1.251
39	Narayanpur	KAR	0.863	0.356	0.222	0.283	0.390	0.240	0.288	0.418	0.238	0.294	0.665	0.511	0.355
40	Malaprabha (Renuka)	KAR	0.972	0.277	0.021	0.049	0.249	0.017	0.081	0.254	0.084	0.102	0.336	0.258	0.148
41	Kabini	KAR	0.444	0.121	0.069	0.139	0.116	0.073	0.180	0.212	0.156	0.204	0.237	0.205	0.235
42	Hemavathy	KAR	0.927	0.272	0.099	0.192	0.279	0.105	0.245	0.365	0.221	0.333	0.389	0.316	0.407

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.097	0.034	0.066	0.105	0.037	0.102	0.147	0.046	0.122	0.168	0.062	0.144
44	Supa	KAR	4.120	1.035	1.182	0.968	0.963	1.289	1.024	1.151	1.465	1.131	1.277	1.790	1.299
45	Vani Vilas Sagar	KAR	0.802	0.172	0.009	0.088	0.160	0.008	0.087	0.151	0.008	0.086	0.144	0.007	0.086
*46	Almatti	KAR	3.105	1.375	0.258	0.428	1.598	0.251	0.628	1.909	0.940	1.017	2.174	2.483	1.561
*47	Gerusoppa	KAR	0.130	0.078	0.111	0.100	0.115	0.117	0.104	0.101	0.105	0.098	0.102	0.094	0.102
*48	Mani Dam	KAR	0.884	0.105	0.884	0.225	0.092	0.884	0.249	0.137	0.884	0.286	0.162	0.155	0.249
49	Tattihalla	KAR	0.249	0.004	0.016	0.010	0.004	0.016	0.012	0.006	0.016	0.014	0.010	0.016	0.015
50	Kallada (Parappar)	KRL	0.507	0.149	0.176	0.171	0.152	0.176	0.188	0.156	0.177	0.200	0.154	0.179	0.222
*51	Idamalayar	KRL	1.018	0.133	0.078	0.209	0.129	0.078	0.250	0.160	0.101	0.283	0.189	0.111	0.334
*52	Idukki	KRL	1.460	0.434	0.208	0.358	0.426	0.194	0.405	0.448	0.188	0.437	0.449	0.184	0.503
*53	Kakki	KRL	0.447	0.064	0.037	0.104	0.070	0.036	0.122	0.084	0.036	0.131	0.090	0.037	0.154
*54	Periyar	KRL	0.173	0.022	0.022	0.054	0.022	0.022	0.059	0.025	0.023	0.057	0.026	0.021	0.064
55	Malampuzha	KRL	0.224	0.037	0.026	0.064	0.028	0.026	0.072	0.036	0.037	0.080	0.041	0.042	0.091
*56	Gandhi Sagar	MP	6.827	3.917	0.000	1.075	3.974	0.000	1.255	4.048	0.545	1.659	4.058	0.590	1.494
57	Tawa	MP	1.944	0.317	0.131	0.387	0.338	0.133	0.447	0.436	0.205	0.540	0.471	0.224	0.735
*58	Bargi	MP	3.180	0.982	1.030	0.618	1.017	1.010	0.684	1.100	1.270	0.784	1.254	1.350	0.999
*59	Bansagar	MP	5.166	3.328	2.607	1.740	3.412	2.508	2.021	3.493	2.593	2.049	3.610	2.744	2.049
*60	Indira Sagar	MP	9.745	1.880	2.210	1.017	1.673	2.191	1.063	1.702	2.360	1.240	1.928	2.742	2.141
61	Barna Dam	MP	0.456	0.239	0.000	0.081	0.256	0.000	0.076	0.268	0.000	0.100	0.261	0.010	0.143
*62	Omkareswar	MP	0.299	0.038	0.000	0.000	0.031	0.000	0.000	0.035	0.000	0.044	0.000	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.183	0.019	0.029	0.210	0.019	0.036	0.269	0.019	0.056	0.315	0.019	0.097
64	Kolar Dam	MP	0.270	0.115	0.026	0.041	0.115	0.026	0.045	0.116	0.026	0.048	0.116	0.026	0.062

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*65	Minimata Banga	CHH	3.046	2.470	1.385	1.562	2.444	1.393	1.559	2.436	1.475	1.597	2.497	1.610	1.684
66	Mahanadi	CHH	0.767	0.350	0.119	0.168	0.369	0.123	0.176	0.388	0.134	0.185	0.392	0.168	0.212
67	Dudhawa	CHH	0.284	0.148	0.042	0.050	0.156	0.038	0.051	0.184	0.040	0.052	0.198	0.040	0.055
68	Tandula	CHH	0.312	0.085	0.126	0.083	0.088	0.126	0.085	0.088	0.126	0.087	0.087	0.126	0.096
69	Jayakwadi (Paithan)	MAH	2.171	0.819	0.000	0.139	0.862	0.000	0.131	0.873	0.000	0.133	0.896	0.000	0.134
*70	Koyana	MAH	2.652	0.793	0.166	0.593	0.763	0.264	0.699	0.972	0.707	0.904	1.103	1.185	1.194
71	Bhima (Ujjani)	MAH	1.517	0.000	0.000	0.057	0.000	0.000	0.059	0.000	0.000	0.059	0.000	0.000	0.061
72	Isapur	MAH	0.965	0.360	0.000	0.170	0.386	0.000	0.182	0.420	0.003	0.210	0.436	0.005	0.242
73	Mula	MAH	0.609	0.064	0.009	0.025	0.088	0.007	0.030	0.107	0.033	0.049	0.125	0.095	0.102
74	Yeldari	MAH	0.809	0.485	0.000	0.068	0.507	0.000	0.064	0.514	0.000	0.075	0.522	0.000	0.077
75	Girna	MAH	0.524	0.180	0.039	0.039	0.191	0.039	0.039	0.199	0.039	0.040	0.200	0.038	0.039
76	Khadakvasla	MAH	0.056	0.033	0.008	0.014	0.034	0.017	0.018	0.029	0.043	0.024	0.024	0.055	0.031
*77	Upper Vaitarna	MAH	0.331	0.089	0.018	0.081	0.089	0.022	0.088	0.085	0.039	0.102	0.111	0.097	0.136
78	Upper Tapi	MAH	0.255	0.047	0.000	0.044	0.059	0.033	0.058	0.047	0.030	0.062	0.034	0.055	0.076
*79	Pench (Totladoh)	MAH	1.091	0.767	0.000	0.172	0.776	0.000	0.173	0.812	0.000	0.204	0.829	0.000	0.286
80	Upper Wardha	MAH	0.564	0.290	0.068	0.176	0.300	0.064	0.178	0.317	0.068	0.194	0.324	0.067	0.211
81	Bhatsa	MAH	0.942	0.287	0.215	0.288	0.271	0.252	0.320	0.389	0.395	0.377	0.437	0.546	0.459
82	Dhom	MAH	0.331	0.108	0.002	0.060	0.109	0.006	0.065	0.113	0.016	0.071	0.128	0.080	0.099
83	Dudhganga	MAH	0.664	0.235	0.011	0.139	0.246	0.051	0.178	0.342	0.143	0.227	0.398	0.259	0.309
84	Manikdoh	MAH	0.288	0.010	0.001	0.011	0.015	0.004	0.015	0.021	0.025	0.025	0.025	0.043	0.047
85	Bhandardara	MAH	0.304	0.078	0.000	0.038	0.071	0.013	0.052	0.098	0.073	0.078	0.119	0.125	0.111

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
86	Urmodi	MAH	0.273	0.149	0.056	0.117	0.142	0.056	0.121	0.155	0.056	0.128	0.165	0.113	0.147
87	Bhatghar	MAH	0.673	0.177	0.034	0.071	0.149	0.034	0.099	0.182	0.034	0.142	0.214	0.034	0.206
88	NiraDeoghar	MAH	0.332	0.055	0.011	0.026	0.035	0.011	0.037	0.039	0.011	0.063	0.054	0.011	0.090
*89	Thokarwadi	MAH	0.353	0.124	0.100	0.075	0.119	0.100	0.077	0.123	0.122	0.084	0.126	0.162	0.127
90	Kanher	MAH	0.272	0.053	0.084	0.065	0.054	0.084	0.092	0.086	0.084	0.103	0.103	0.084	0.120
*91	Mulshi	MAH	0.572	0.049	0.000	0.038	0.032	0.000	0.046	0.091	0.139	0.093	0.113	0.240	0.217
92	Surya	MAH	0.276	0.090	0.156	0.103	0.090	0.156	0.112	0.112	0.156	0.125	0.126	0.156	0.147
93	Tillari	MAH	0.447	0.258	0.158	0.198	0.264	0.158	0.226	0.363	0.158	0.253	0.359	0.158	0.296
*94	Doyang Hep	NAG	0.535	0.262	0.170	0.214	0.259	0.170	0.228	0.314	0.170	0.258	0.353	0.170	0.279
*95	Hirakud	ODI	5.378	2.738	0.670	0.586	0.925	0.581	0.587	0.745	0.662	0.545	0.719	0.826	0.775
*96	Balimela	ODI	2.676	0.540	0.413	0.546	0.500	0.341	0.498	0.529	0.312	0.399	0.419	0.278	0.531
97	Salanadi	ODI	0.558	0.363	0.300	0.171	0.402	0.301	0.178	0.394	0.306	0.179	0.349	0.302	0.171
*98	Rengali	ODI	3.432	0.460	0.138	0.375	0.440	0.158	0.305	0.332	0.216	0.353	0.366	0.222	0.419
*99	Machkund (Jalaput)	ODI	0.893	0.319	0.221	0.271	0.316	0.209	0.254	0.352	0.193	0.280	0.355	0.198	0.279
*100	Upper Kolab	ODI	0.935	0.227	0.095	0.135	0.216	0.090	0.139	0.208	0.130	0.146	0.191	0.129	0.147
*101	Upper Indravati	ODI	1.456	0.516	0.223	0.254	0.470	0.221	0.262	0.457	0.310	0.273	0.435	0.332	0.292
102	Sapua	ODI	0.006	0.006	0.001	0.003	0.006	0.001	0.003	0.006	0.001	0.003	0.006	0.003	0.003
103	Hariharjhор	ODI	0.059	0.040	0.000	0.013	0.041	0.000	0.012	0.045	0.000	0.014	0.055	0.000	0.015
*104	Thein Dam	PUN	2.344	1.263	1.192	1.144	1.263	1.141	1.158	1.172	1.111	1.166	1.172	1.192	1.112
*105	Mahi Bajaj Sagar	RAJ	1.711	0.599	0.437	0.449	0.599	0.440	0.454	0.607	0.835	0.508	0.620	0.865	0.600
106	Jhakam	RAJ	0.132	0.036	0.032	0.027	0.036	0.032	0.028	0.036	0.046	0.029	0.037	0.048	0.033

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 25.06.2020			As per Bulleting dated 02.07.2020			As per Bulleting dated 09.07.2020			As per Bulleting dated 16.07.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*107	Rana Pratap Sagar	RAJ	1.436	0.626	0.326	0.466	0.625	0.337	0.488	0.634	0.427	0.539	0.626	0.418	0.586
108	Bisalpur	RAJ	1.076	0.618	0.210	0.287	0.611	0.210	0.285	0.608	0.210	0.279	0.603	0.210	0.278
109	Lower Bhawani	TN	0.792	0.454	0.165	0.214	0.457	0.163	0.242	0.478	0.188	0.250	0.487	0.195	0.273
*110	Mettur (Stanley)	TN	2.647	1.635	0.405	0.733	1.469	0.390	0.779	1.219	0.375	0.796	0.986	0.355	0.881
111	Vaigai	TN	0.172	0.017	0.012	0.022	0.016	0.011	0.025	0.015	0.010	0.026	0.013	0.008	0.028
112	Parambikulam	TN	0.380	0.074	0.058	0.095	0.075	0.058	0.109	0.085	0.059	0.125	0.095	0.056	0.148
113	Aliyar	TN	0.095	0.000	0.000	0.030	0.000	0.000	0.033	0.000	0.000	0.032	0.000	0.000	0.036
*114	Sholayar	TN	0.143	0.017	0.000	0.049	0.028	0.000	0.065	0.045	0.001	0.068	0.051	0.000	0.076
115	Gumti	TRP	0.312	0.156	0.093	0.134	0.153	0.094	0.127	0.168	0.091	0.143	0.201	0.155	0.152
116	Matatila	UP	0.707	0.093	0.048	0.170	0.105	0.045	0.216	0.121	0.055	0.238	0.127	0.087	0.266
*117	Rihand	UP	5.649	1.499	0.661	0.663	1.531	0.590	0.630	1.585	0.669	0.637	1.767	0.678	0.691
118	Sharda Sagar	UP	0.330	0.247	0.000	0.183	0.260	0.000	0.182	0.264	0.000	0.178	0.266	0.000	0.170
119	Jirgo	UP	0.147	0.088	0.030	0.035	0.101	0.027	0.034	0.109	0.027	0.036	0.113	0.034	0.040
*120	Ramganga	UKH	2.196	1.139	0.641	0.544	1.116	0.562	0.548	1.104	0.566	0.577	1.120	0.595	0.619
*121	Tehri	UKH	2.615	0.095	0.021	0.154	0.238	0.061	0.260	0.430	0.189	0.393	0.597	0.394	0.598
122	Mayurakshi	WB	0.480	0.208	0.075	0.121	0.230	0.077	0.130	0.272	0.080	0.150	0.327	0.118	0.181
123	Kangsabati	WB	0.914	0.490	0.302	0.268	0.523	0.302	0.283	0.566	0.309	0.307	0.622	0.310	0.322
<b>Reservoirs</b>			<b>171.091</b>	<b>56.725</b>	<b>29.166</b>	<b>33.207</b>	<b>54.893</b>	<b>29.202</b>	<b>35.740</b>	<b>57.974</b>	<b>34.739</b>	<b>39.726</b>	<b>61.706</b>	<b>41.121</b>	<b>46.429</b>
<b>Percentage</b>			<b>33.155</b>	<b>17.047</b>	<b>19.409</b>	<b>32.084</b>	<b>17.068</b>	<b>20.889</b>	<b>34.000</b>	<b>20.000</b>	<b>23.000</b>	<b>36.066</b>	<b>24.035</b>	<b>27.137</b>	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	2.093	0.796	0.942	2.385	0.782	1.953	2.093	3.534	2.728	3.361	5.063	3.609
*2	Nagarjuna Sagar	AP/TG	5.108	1.326	0.000	0.750	1.947	0.000	0.764	2.547	0.000	1.193	3.065	3.715	1.822
3	Somasila	AP	1.994	0.730	0.067	0.389	0.758	0.064	0.382	0.806	0.063	0.374	0.808	0.060	0.361
4	Yeleru	AP	0.508	0.204	0.408	0.108	0.210	0.408	0.117	0.212	0.142	0.094	0.229	0.267	0.109
5	Sriramsagar	TG	2.300	1.034	0.152	0.607	1.098	0.159	0.748	1.091	0.250	0.853	1.160	0.467	0.885
6	Lower Manair	TG	0.621	0.334	0.094	0.148	0.351	0.094	0.167	0.283	0.097	0.185	0.268	0.100	0.204
7	Nizam Sagar	TG	0.482	0.023	0.000	0.060	0.023	0.000	0.062	0.023	0.000	0.083	0.026	0.000	0.084
8	Singur	TG	0.822	0.000	0.000	0.240	0.000	0.000	0.268	0.032	0.000	0.278	0.038	0.000	0.289
9	Tenughat	JHA	0.821	0.350	0.329	0.332	0.369	0.360	0.344	0.370	0.346	0.356	0.350	0.372	0.356
10	Maithon	JHA	0.471	0.300	0.130	0.207	0.348	0.174	0.250	0.375	0.223	0.278	0.295	0.254	0.315
*11	Panchet Hill	JHA	0.184	0.121	0.100	0.136	0.153	0.114	0.150	0.141	0.104	0.149	0.148	0.060	0.144
12	Konar	JHA	0.176	0.077	0.028	0.075	0.095	0.036	0.083	0.113	0.037	0.092	0.126	0.047	0.104
13	Tilaiya	JHA	0.142	0.082	0.002	0.039	0.083	0.005	0.053	0.082	0.005	0.061	0.087	0.010	0.073
*14	Ukai	GUJ	6.615	3.428	0.286	1.808	3.724	0.524	2.435	4.058	2.872	3.134	4.405	5.346	4.002
15	Sabarmati (Dharoi)	GUJ	0.735	0.237	0.042	0.136	0.233	0.039	0.247	0.230	0.092	0.272	0.237	0.111	0.333
*16	Kadana	GUJ	1.472	0.522	0.507	0.633	0.458	0.498	0.707	0.375	0.580	0.749	0.328	1.103	0.821
17	Shetrunjji	GUJ	0.300	0.111	0.032	0.093	0.111	0.036	0.107	0.152	0.066	0.128	0.222	0.098	0.134
18	Bhadar	GUJ	0.188	0.066	0.017	0.059	0.069	0.020	0.067	0.083	0.028	0.080	0.103	0.082	0.088
19	Damanganga	GUJ	0.502	0.187	0.203	0.173	0.188	0.196	0.199	0.223	0.184	0.230	0.296	0.350	0.271
20	Dantiwada	GUJ	0.399	0.001	0.017	0.028	0.000	0.016	0.088	0.000	0.020	0.096	0.002	0.033	0.108
21	Panam	GUJ	0.697	0.209	0.251	0.303	0.200	0.243	0.331	0.190	0.280	0.348	0.198	0.485	0.408

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*22	Sardar Sarovar	GUJ	5.760	1.128	1.530	0.789	1.201	1.533	1.094	1.127	2.571	1.275	1.174	3.644	1.579
23	Karjan	GUJ	0.523	0.168	0.180	0.193	0.171	0.223	0.233	0.174	0.345	0.274	0.263	0.361	0.299
24	Sukhi(Guj)	GUJ	0.167	0.062	0.034	0.026	0.062	0.037	0.040	0.062	0.151	0.063	0.108	0.151	0.074
25	Watrank	GUJ	0.154	0.049	0.003	0.039	0.049	0.003	0.051	0.048	0.004	0.057	0.051	0.009	0.071
26	Hathmati	GUJ	0.153	0.048	0.010	0.011	0.047	0.010	0.021	0.047	0.013	0.024	0.047	0.021	0.029
27	Machchhu-I	GUJ	0.071	0.023	0.008	0.020	0.023	0.014	0.024	0.024	0.025	0.027	0.031	0.069	0.032
28	Machchhu-li	GUJ	0.091	0.035	0.007	0.026	0.032	0.010	0.036	0.030	0.021	0.043	0.037	0.084	0.049
29	Und-I	GUJ	0.066	0.059	0.000	0.013	0.059	0.000	0.014	0.059	0.004	0.024	0.059	0.061	0.030
30	Brahmani (Guj)	GUJ	0.071	0.019	0.001	0.012	0.019	0.002	0.021	0.019	0.002	0.024	0.022	0.044	0.029
*31	Gobind Sagar (Bakra)	HP	6.229	2.719	3.537	2.745	2.956	4.061	3.226	3.249	4.681	3.815	3.648	5.169	4.282
*32	Pong Dam (Beas)	HP	6.157	2.429	2.249	2.072	2.524	2.534	2.516	2.713	3.024	3.090	3.045	3.551	3.832
*33	Kol Dam	HP	0.089	0.039	0.065	0.053	0.036	0.065	0.047	0.054	0.065	0.045	0.029	0.065	0.037
34	Krishnaraja Sagara	KAR	1.163	0.711	0.290	0.564	0.679	0.280	0.609	0.777	0.237	0.680	1.163	1.163	0.836
*35	Tungabhadra	KAR	3.276	1.007	0.491	1.414	1.131	0.725	1.738	1.140	1.039	1.958	2.503	2.682	2.387
36	Ghataprabha (Hidkal)	KAR	1.391	0.662	0.657	0.617	0.712	0.784	0.802	0.792	1.312	1.096	1.336	1.374	1.120
37	Bhadra	KAR	1.785	0.844	0.503	0.947	0.822	0.594	1.080	0.959	0.729	1.170	1.458	1.605	1.345
38	Linganamakki	KAR	4.294	1.157	1.079	1.670	1.149	1.182	1.836	1.645	2.062	2.420	2.385	3.668	2.862
39	Narayanpur	KAR	0.863	0.673	0.607	0.507	0.651	0.648	0.616	0.634	0.455	0.616	0.669	0.459	0.652
40	Malaprabha (Renuka)	KAR	0.972	0.377	0.286	0.217	0.396	0.362	0.300	0.423	0.763	0.439	0.749	0.891	0.479
41	Kabini	KAR	0.444	0.321	0.252	0.273	0.326	0.265	0.280	0.356	0.315	0.293	0.425	0.427	0.302
42	Hemavathy	KAR	0.927	0.445	0.358	0.519	0.463	0.397	0.603	0.641	0.459	0.677	0.927	0.927	0.766

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
43	Harangi	KAR	0.220	0.195	0.083	0.168	0.215	0.088	0.186	0.192	0.092	0.197	0.212	0.197	0.209
44	Supa	KAR	4.120	1.375	1.893	1.581	1.329	2.121	1.860	1.625	2.766	2.174	2.130	3.788	2.452
45	Vani Vilas Sagar	KAR	0.802	0.141	0.007	0.084	0.140	0.006	0.084	0.139	0.006	0.081	0.137	0.010	0.078
*46	Almatti	KAR	3.105	2.097	2.888	2.039	2.167	2.942	2.537	2.325	2.282	2.595	2.942	2.621	2.770
*47	Gerusoppa	KAR	0.130	0.096	0.102	0.109	0.097	0.108	0.104	0.108	0.102	0.106	0.114	0.098	0.098
*48	Mani Dam	KAR	0.884	0.192	0.155	0.325	0.185	0.155	0.384	0.249	0.155	0.443	0.363	0.155	0.502
49	Tattihalla	KAR	0.249	0.016	0.016	0.022	0.018	0.016	0.035	0.019	0.016	0.044	0.119	0.016	0.054
50	Kallada (Parappar)	KRL	0.507	0.155	0.204	0.249	0.154	0.212	0.263	0.196	0.214	0.272	0.315	0.286	0.286
*51	Idamalayar	KRL	1.018	0.233	0.166	0.413	0.255	0.199	0.468	0.382	0.237	0.532	0.578	0.480	0.591
*52	Idukki	KRL	1.460	0.476	0.267	0.591	0.477	0.294	0.650	0.634	0.302	0.714	0.934	0.582	0.786
*53	Kakki	KRL	0.447	0.105	0.068	0.185	0.109	0.081	0.207	0.178	0.086	0.228	0.283	0.186	0.253
*54	Periyar	KRL	0.173	0.031	0.029	0.074	0.033	0.030	0.078	0.078	0.027	0.078	0.166	0.119	0.089
55	Malampuzha	KRL	0.224	0.055	0.050	0.105	0.060	0.053	0.115	0.089	0.075	0.131	0.136	0.135	0.144
*56	Gandhi Sagar	MP	6.827	4.063	0.597	2.061	4.075	0.883	2.403	4.083	1.604	2.658	4.115	2.890	3.096
57	Tawa	MP	1.944	0.495	0.230	0.905	0.575	0.627	1.158	0.642	1.153	1.406	0.773	1.717	1.545
*58	Bargi	MP	3.180	1.334	1.286	1.360	1.388	1.464	1.693	1.415	1.887	1.924	1.720	2.856	2.532
*59	Bansagar	MP	5.166	3.749	2.748	2.320	3.899	2.744	2.589	4.052	2.834	2.856	4.489	2.923	3.331
*60	Indira Sagar	MP	9.745	2.144	2.512	2.529	2.226	3.437	3.527	2.431	5.688	5.114	2.843	8.051	5.998
61	Barna Dam	MP	0.456	0.245	0.010	0.189	0.227	0.040	0.237	0.229	0.098	0.265	0.456	0.164	0.312
*62	Omkareshwar	MP	0.299	0.038	0.000	0.000	0.045	0.000	0.000	0.042	0.000	0.000	0.048	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.313	0.019	0.130	0.306	0.019	0.161	0.331	0.077	0.217	0.329	0.158	0.257

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
64	Kolar Dam	MP	0.270	0.116	0.026	0.072	0.117	0.026	0.096	0.120	0.079	0.118	0.122	0.123	0.139
*65	Minimata Bango	CHH	3.046	2.460	1.578	1.743	2.497	1.512	1.868	2.595	1.510	1.963	2.605	1.590	2.083
66	Mahanadi	CHH	0.767	0.399	0.169	0.261	0.420	0.176	0.326	0.433	0.265	0.380	0.419	0.299	0.431
67	Dudhawa	CHH	0.284	0.284	0.040	0.070	0.236	0.040	0.085	0.227	0.040	0.114	0.225	0.094	0.133
68	Tandula	CHH	0.312	0.089	0.126	0.114	0.090	0.126	0.127	0.092	0.126	0.129	0.113	0.078	0.132
69	Jayakwadi (Paithan)	MAH	2.171	0.902	0.000	0.170	1.014	0.000	0.238	1.196	0.731	0.468	1.250	1.959	0.672
*70	Koyana	MAH	2.652	1.268	1.295	1.548	1.321	1.820	1.860	1.714	2.652	2.273	2.085	2.652	2.428
71	Bhima (Ujjani)	MAH	1.517	0.022	0.000	0.116	0.155	0.000	0.249	0.202	0.935	0.599	0.435	1.517	0.826
72	Isapur	MAH	0.965	0.463	0.007	0.276	0.488	0.011	0.318	0.514	0.098	0.425	0.532	0.141	0.442
73	Mula	MAH	0.609	0.143	0.106	0.162	0.187	0.201	0.247	0.226	0.459	0.357	0.296	0.592	0.389
74	Yeldari	MAH	0.809	0.526	0.000	0.080	0.626	0.000	0.114	0.740	0.000	0.149	0.795	0.000	0.153
75	Girna	MAH	0.524	0.202	0.039	0.048	0.237	0.039	0.063	0.251	0.218	0.119	0.262	0.386	0.148
76	Khadakvasla	MAH	0.056	0.018	0.038	0.038	0.019	0.056	0.046	0.041	0.056	0.048	0.056	0.056	0.046
*77	Upper Vaitarna	MAH	0.331	0.123	0.134	0.178	0.142	0.202	0.206	0.154	0.288	0.263	0.200	0.303	0.268
78	Upper Tapi	MAH	0.255	0.047	0.053	0.084	0.047	0.059	0.072	0.044	0.051	0.076	0.048	0.048	0.092
*79	Pench (Totladoh)	MAH	1.091	0.842	0.000	0.333	0.833	0.000	0.375	0.874	0.000	0.429	0.944	0.018	0.522
80	Upper Wardha	MAH	0.564	0.385	0.064	0.245	0.433	0.090	0.299	0.454	0.109	0.325	0.512	0.240	0.382
81	Bhatsa	MAH	0.942	0.461	0.586	0.566	0.499	0.831	0.661	0.548	0.837	0.758	0.620	0.857	0.782
82	Dhom	MAH	0.331	0.135	0.090	0.147	0.138	0.152	0.181	0.172	0.291	0.239	0.211	0.301	0.264
83	Dudhganga	MAH	0.664	0.428	0.290	0.401	0.435	0.402	0.462	0.530	0.599	0.547	0.601	0.648	0.586
84	Manikdoh	MAH	0.288	0.028	0.047	0.067	0.035	0.107	0.092	0.041	0.188	0.124	0.061	0.227	0.138
85	Bhandardara	MAH	0.304	0.132	0.128	0.157	0.144	0.207	0.203	0.162	0.289	0.258	0.225	0.289	0.276

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
86	Urmodi	MAH	0.273	0.176	0.116	0.175	0.179	0.156	0.202	0.202	0.252	0.233	0.239	0.260	0.242
87	Bhatghar	MAH	0.673	0.251	0.034	0.307	0.262	0.034	0.397	0.374	0.666	0.549	0.498	0.659	0.595
88	NiraDeoghar	MAH	0.332	0.079	0.011	0.154	0.083	0.011	0.188	0.146	0.321	0.274	0.209	0.324	0.295
*89	Thokarwadi	MAH	0.353	0.126	0.223	0.135	0.126	0.236	0.164	0.140	0.243	0.211	0.168	0.253	0.217
90	Kanher	MAH	0.272	0.117	0.084	0.151	0.123	0.084	0.181	0.161	0.084	0.206	0.208	0.084	0.217
*91	Mulshi	MAH	0.572	0.134	0.244	0.222	0.147	0.401	0.312	0.258	0.491	0.425	0.382	0.523	0.444
92	Surya	MAH	0.276	0.130	0.156	0.158	0.138	0.156	0.190	0.169	0.156	0.212	0.225	0.156	0.226
93	Tillari	MAH	0.447	0.358	0.158	0.330	0.352	0.158	0.344	0.401	0.158	0.353	0.373	0.158	0.367
*94	Doyang Hep	NAG	0.535	0.347	0.170	0.301	0.343	0.170	0.334	0.340	0.275	0.354	0.367	0.257	0.357
*95	Hirakud	ODI	5.378	0.951	0.614	1.119	1.168	0.609	1.640	1.257	0.823	1.859	1.604	2.360	2.186
*96	Balimela	ODI	2.676	0.486	0.250	0.565	0.462	0.408	0.617	0.460	0.783	0.816	0.553	1.414	0.808
97	Salanadi	ODI	0.558	0.312	0.261	0.170	0.280	0.245	0.169	0.277	0.237	0.202	0.299	0.280	0.208
*98	Rengali	ODI	3.432	0.410	0.137	0.625	0.670	0.147	0.872	0.851	0.234	1.017	1.713	0.571	1.045
*99	Machkund (Jalaput)	ODI	0.893	0.352	0.201	0.296	0.264	0.314	0.329	0.360	0.512	0.407	0.393	0.737	0.498
*100	Upper Kolab	ODI	0.935	0.183	0.139	0.191	0.170	0.195	0.198	0.162	0.289	0.271	0.167	0.486	0.305
*101	Upper Indravati	ODI	1.456	0.409	0.372	0.387	0.409	0.455	0.442	0.404	0.757	0.590	0.407	1.239	0.756
102	Sapua	ODI	0.006	0.006	0.003	0.003	0.005	0.003	0.026	0.053	0.000	0.036	0.053	0.000	0.037
103	Hariharjhor	ODI	0.059	0.056	0.000	0.025	0.053	0.000	0.026	0.053	0.000	0.036	0.053	0.000	0.037
*104	Thein Dam	PUN	2.344	1.172	1.263	1.165	1.061	1.360	1.230	1.061	1.507	1.398	1.061	1.599	1.531
*105	Mahi Bajaj Sagar	RAJ	1.711	0.627	0.886	0.664	0.636	0.924	0.910	0.662	1.052	1.026	0.695	1.711	1.265
106	Jhakam	RAJ	0.132	0.037	0.050	0.037	0.037	0.051	0.065	0.038	0.055	0.069	0.041	0.092	0.095

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 23.07.2020			As per Bulleting dated 30.07.2020			As per Bulleting dated 06.08.2020			As per Bulleting dated 13.08.2020			
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
*107	Rana Pratap Sagar	RAJ	1.436	0.616	0.411	0.626	0.625	0.491	0.789	0.618	0.580	0.873	0.648	0.772	0.975	
108	Bisalpur	RAJ	1.076	0.594	0.210	0.279	0.583	0.210	0.318	0.580	0.210	0.343	0.598	0.210	0.508	
109	Lower Bhawani	TN	0.792	0.516	0.208	0.313	0.525	0.222	0.335	0.635	0.253	0.370	0.792	0.657	0.424	
*110	Mettur (Stanley)	TN	2.647	0.867	0.330	1.084	0.802	0.425	1.229	0.791	0.559	1.369	1.743	1.881	1.582	
111	Vaigai	TN	0.172	0.012	0.009	0.029	0.011	0.010	0.033	0.012	0.011	0.038	0.038	0.023	0.045	
112	Parambikulam	TN	0.380	0.125	0.056	0.182	0.143	0.067	0.205	0.183	0.079	0.224	0.312	0.180	0.244	
113	Aliyar	TN	0.095	0.002	0.002	0.043	0.002	0.003	0.048	0.009	0.000	0.053	0.068	0.035	0.059	
*114	Sholayar	TN	0.143	0.060	0.019	0.088	0.060	0.031	0.095	0.098	0.036	0.099	0.132	0.134	0.109	
115	Gumti	TRP	0.312	0.220	0.158	0.154	0.234	0.162	0.160	0.238	0.162	0.170	0.240	0.164	0.177	
116	Matatila	UP	0.707	0.127	0.087	0.280	0.134	0.132	0.333	0.141	0.155	0.357	0.193	0.467	0.487	
*117	Rihand	UP	5.649	1.801	0.616	0.879	2.050	0.705	1.276	2.239	0.767	1.579	2.602	0.865	2.027	
118	Sharda Sagar	UP	0.330	0.239	0.000	0.161	0.218	0.000	0.158	0.224	0.000	0.166	0.215	0.167	0.189	
119	Jirgo	UP	0.147	0.112	0.035	0.042	0.111	0.034	0.043	0.112	0.034	0.046	0.115	0.034	0.053	
*120	Ramganga	UKH	2.196	1.149	0.627	0.771	1.202	0.681	1.011	1.318	0.750	1.031	1.388	0.844	1.036	
*121	Tehri	UKH	2.615	0.788	0.499	0.866	0.935	0.754	1.150	1.248	1.105	1.437	1.487	1.517	1.713	
122	Mayurakshi	WB	0.480	0.368	0.123	0.194	0.380	0.144	0.211	0.385	0.152	0.222	0.389	0.141	0.235	
123	Kangsabati	WB	0.914	0.626	0.310	0.345	0.595	0.312	0.421	0.573	0.314	0.431	0.595	0.301	0.461	
<b>Reservoirs</b>				<b>171.091</b>	<b>66.372</b>	<b>42.826</b>	<b>55.824</b>	<b>69.982</b>	<b>49.573</b>	<b>68.264</b>	<b>76.406</b>	<b>70.787</b>	<b>81.386</b>	<b>92.916</b>	<b>105.856</b>	<b>94.348</b>
<b>Percentage</b>				<b>38.793</b>	<b>25.031</b>	<b>32.628</b>	<b>40.903</b>	<b>28.975</b>	<b>39.899</b>	<b>44.658</b>	<b>41.374</b>	<b>47.569</b>	<b>54.308</b>	<b>61.871</b>	<b>55.145</b>	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.715	5.892	4.344	5.973	5.456	4.122	6.001	4.943	4.484	6.001	5.987	5.234
*2	Nagarjuna Sagar	AP/TG	5.108	3.822	4.935	2.187	5.057	4.990	2.543	4.928	4.835	2.903	4.927	5.074	3.076
3	Somasila	AP	1.994	0.824	0.172	0.384	1.112	0.533	0.495	1.346	0.630	0.602	1.515	0.865	0.694
4	Yeleru	AP	0.508	0.371	0.288	0.124	0.449	0.296	0.136	0.445	0.293	0.160	0.468	0.308	0.186
5	Sriramsagar	TG	2.300	1.858	0.490	0.939	2.246	0.506	1.144	2.300	0.659	1.261	2.300	0.884	1.220
6	Lower Manair	TG	0.621	0.567	0.101	0.220	0.621	0.100	0.243	0.621	0.270	0.288	0.621	0.327	0.286
7	Nizam Sagar	TG	0.482	0.037	0.000	0.090	0.062	0.000	0.118	0.069	0.000	0.190	0.070	0.022	0.164
8	Singur	TG	0.822	0.043	0.000	0.304	0.062	0.000	0.332	0.066	0.000	0.405	0.065	0.000	0.373
9	Tenughat	JHA	0.821	0.337	0.427	0.364	0.354	0.377	0.356	0.349	0.370	0.362	0.400	0.405	0.379
10	Maithon	JHA	0.471	0.300	0.329	0.358	0.420	0.383	0.379	0.424	0.394	0.390	0.471	0.410	0.411
*11	Panchet Hill	JHA	0.184	0.164	0.180	0.156	0.184	0.184	0.170	0.184	0.171	0.160	0.184	0.184	0.153
12	Konar	JHA	0.176	0.122	0.059	0.114	0.132	0.064	0.121	0.140	0.064	0.127	0.147	0.066	0.135
13	Tilaiya	JHA	0.142	0.090	0.022	0.087	0.109	0.028	0.091	0.118	0.030	0.099	0.121	0.034	0.105
*14	Ukai	GUJ	6.615	4.880	5.262	4.134	4.957	5.299	4.386	5.427	5.760	4.663	5.696	5.832	4.873
15	Sabarmati (Dharoi)	GUJ	0.735	0.277	0.241	0.393	0.492	0.260	0.413	0.700	0.354	0.440	0.730	0.493	0.510
*16	Kadana	GUJ	1.472	0.365	1.101	0.846	1.148	1.058	0.888	1.176	1.137	0.976	1.186	1.122	0.964
17	Shetrunjji	GUJ	0.300	0.295	0.102	0.124	0.293	0.107	0.141	0.300	0.108	0.167	0.300	0.147	0.173
18	Bhadar	GUJ	0.188	0.173	0.094	0.091	0.187	0.097	0.092	0.187	0.105	0.102	0.188	0.145	0.110
19	Damanganga	GUJ	0.502	0.298	0.313	0.296	0.300	0.323	0.318	0.338	0.360	0.351	0.391	0.364	0.373
20	Dantiwada	GUJ	0.399	0.023	0.067	0.122	0.084	0.069	0.128	0.179	0.084	0.137	0.218	0.102	0.156
21	Panam	GUJ	0.697	0.228	0.528	0.447	0.312	0.535	0.473	0.372	0.549	0.527	0.388	0.549	0.542
*22	Sardar Sarovar	GUJ	5.760	1.555	3.988	1.673	3.305	4.264	1.780	4.574	4.614	1.902	5.185	5.048	2.028

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020			
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
23	Karjan	GUJ	0.523	0.372	0.384	0.324	0.392	0.401	0.351	0.414	0.433	0.366	0.439	0.495	0.399	
24	Sukhi(Guj)	GUJ	0.167	0.125	0.148	0.086	0.151	0.148	0.092	0.157	0.159	0.105	0.158	0.158	0.117	
25	Watrak	GUJ	0.154	0.052	0.019	0.081	0.079	0.027	0.087	0.102	0.047	0.092	0.107	0.059	0.100	
26	Hathmati	GUJ	0.153	0.054	0.026	0.032	0.126	0.027	0.034	0.142	0.034	0.039	0.149	0.041	0.049	
27	Machchhu-I	GUJ	0.071	0.046	0.069	0.034	0.069	0.069	0.034	0.069	0.069	0.034	0.069	0.069	0.035	
28	Machchhu-ii	GUJ	0.091	0.060	0.084	0.048	0.084	0.084	0.048	0.084	0.084	0.049	0.084	0.084	0.049	
29	Und-I	GUJ	0.066	0.062	0.062	0.031	0.062	0.065	0.031	0.062	0.066	0.032	0.065	0.066	0.034	
30	Brahmani(Guj)	GUJ	0.071	0.026	0.045	0.029	0.056	0.044	0.029	0.056	0.044	0.030	0.056	0.049	0.030	
*31	Gobind (Bhakra)	Sagar	HP	6.229	4.055	5.696	4.760	4.388	5.447	5.063	4.622	5.459	5.233	4.822	5.420	5.373
*32	Pong Dam (Beas)	HP	6.157	3.414	3.960	4.265	4.208	5.218	4.937	4.624	5.479	5.133	4.819	5.658	5.320	
*33	Kol Dam	HP	0.089	0.043	0.065	0.051	0.078	0.065	0.050	0.076	0.062	0.043	0.062	0.062	0.057	
34	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.841	1.163	1.163	0.830	1.163	1.163	0.856	1.163	1.163	0.877	
*35	Tungabhadra	KAR	3.276	2.748	2.856	2.465	2.856	2.856	2.510	2.848	2.856	2.543	2.834	2.786	2.530	
36	Ghataprabha (Hidkal)	KAR	1.391	1.335	1.387	1.143	1.387	1.387	1.153	1.387	1.387	1.261	1.387	1.387	1.212	
37	Bhadra	KAR	1.785	1.602	1.758	1.392	1.676	1.768	1.432	1.674	1.773	1.510	1.726	1.767	1.557	
38	Linganamakki	KAR	4.294	2.893	3.971	3.023	3.141	4.222	3.135	3.212	4.288	3.325	3.313	4.174	3.375	
39	Narayanpur	KAR	0.863	0.462	0.658	0.681	0.663	0.728	0.696	0.731	0.738	0.710	0.718	0.679	0.691	
40	Malaprabha (Renuka)	KAR	0.972	0.868	0.965	0.508	0.887	0.972	0.520	0.914	0.972	0.584	0.926	0.972	0.577	
41	Kabini	KAR	0.444	0.442	0.440	0.304	0.439	0.441	0.301	0.421	0.443	0.313	0.426	0.431	0.315	
42	Hemavathy	KAR	0.927	0.927	0.927	0.756	0.927	0.927	0.737	0.927	0.927	0.746	0.927	0.927	0.735	
43	Harangi	KAR	0.220	0.220	0.219	0.207	0.218	0.220	0.207	0.207	0.220	0.206	0.204	0.217	0.203	
44	Supa	KAR	4.120	2.582	3.950	2.596	2.860	3.904	2.673	2.989	4.028	2.810	3.067	4.006	2.906	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
45	Vani Vilas Sagar	KAR	0.802	0.135	0.009	0.076	0.135	0.010	0.079	0.138	0.009	0.083	0.164	0.008	0.078
*46	Almatti	KAR	3.105	2.416	2.942	2.889	3.054	3.105	2.895	3.105	3.105	2.905	3.105	2.380	2.786
*47	Gerusoppa	KAR	0.130	0.099	0.080	0.097	0.088	0.092	0.101	0.098	0.090	0.105	0.098	0.089	0.096
*48	Mani Dam	KAR	0.884	0.435	0.155	0.540	0.476	0.155	0.559	0.480	0.696	0.638	0.498	0.696	0.662
49	Tattihalla	KAR	0.249	0.205	0.016	0.055	0.226	0.016	0.058	0.195	0.016	0.068	0.249	0.016	0.071
50	Kallada (Parappar)	KRL	0.507	0.335	0.323	0.299	0.336	0.357	0.336	0.317	0.391	0.334	0.317	0.414	0.336
*51	Idamalayar	KRL	1.018	0.610	0.555	0.626	0.627	0.584	0.662	0.636	0.612	0.683	0.674	0.669	0.717
*52	Idukki	KRL	1.460	0.972	0.706	0.834	0.978	0.754	0.861	0.976	0.820	0.903	0.994	0.859	0.927
*53	Kakki	KRL	0.447	0.299	0.233	0.269	0.294	0.245	0.288	0.292	0.270	0.298	0.300	0.292	0.308
*54	Periyar	KRL	0.173	0.146	0.122	0.088	0.121	0.109	0.087	0.101	0.107	0.091	0.095	0.126	0.092
55	Malampuzha	KRL	0.224	0.148	0.149	0.148	0.153	0.161	0.159	0.155	0.197	0.163	0.163	0.195	0.167
*56	Gandhi Sagar	MP	6.827	4.133	5.612	3.137	5.275	5.612	3.984	5.593	6.378	4.000	5.679	6.408	4.143
57	Tawa	MP	1.944	1.122	1.924	1.641	1.852	1.906	1.698	1.944	1.944	1.752	1.944	1.944	1.804
*58	Bargi	MP	3.180	2.912	3.114	2.658	2.954	3.125	2.763	3.102	3.136	2.883	3.180	3.114	2.988
*59	Bansagar	MP	5.166	4.894	3.541	3.712	4.912	4.212	3.916	4.966	4.493	4.176	4.994	4.493	4.255
*60	Indira Sagar	MP	9.745	4.423	8.879	6.487	9.004	8.752	6.967	9.166	9.017	7.450	9.399	9.488	8.032
61	Barna Dam	MP	0.456	0.263	0.250	0.336	0.411	0.389	0.368	0.431	0.451	0.390	0.449	0.434	0.405
*62	Omkareshwar	MP	0.299	0.052	0.000	0.000	0.140	0.000	0.000	0.240	0.000	0.000	0.020	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.329	0.173	0.275	0.343	0.303	0.312	0.327	0.359	0.337	0.338	0.359	0.351
64	Kolar Dam	MP	0.270	0.133	0.153	0.151	0.225	0.173	0.162	0.248	0.186	0.170	0.255	0.206	0.178
*65	Minimata Banga	CHH	3.046	2.624	1.948	2.204	2.520	2.102	2.267	2.587	2.216	2.330	2.259	2.309	2.372
66	Mahanadi	CHH	0.767	0.422	0.324	0.470	0.598	0.332	0.473	0.737	0.340	0.544	0.741	0.448	0.602

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
67	Dudhawa	CHH	0.284	0.230	0.113	0.153	0.237	0.113	0.158	0.240	0.113	0.174	0.268	0.261	0.207
68	Tandula	CHH	0.312	0.111	0.088	0.146	0.150	0.088	0.169	0.202	0.088	0.163	0.212	0.088	0.183
69	Jayakwadi (Paithan)	MAH	2.171	1.530	1.990	0.736	1.827	1.900	0.864	2.081	1.860	0.983	2.141	1.905	0.976
*70	Koyana	MAH	2.652	2.444	2.652	2.478	2.619	2.652	2.509	2.652	2.652	2.652	2.652	2.652	2.582
71	Bhima (Ujjani)	MAH	1.517	0.963	1.517	0.824	1.369	1.517	0.967	1.517	1.517	1.131	1.517	1.517	1.150
72	Isapur	MAH	0.965	0.769	0.143	0.475	0.871	0.143	0.501	0.900	0.149	0.527	0.913	0.168	0.524
73	Mula	MAH	0.609	0.444	0.600	0.413	0.551	0.588	0.432	0.593	0.570	0.457	0.593	0.589	0.498
74	Yeldari	MAH	0.809	0.807	0.000	0.184	0.809	0.000	0.204	0.809	0.000	0.245	0.809	0.000	0.270
75	Girna	MAH	0.524	0.290	0.399	0.141	0.369	0.410	0.176	0.416	0.420	0.199	0.469	0.441	0.213
76	Khadakvasla	MAH	0.056	0.055	0.056	0.044	0.056	0.053	0.040	0.056	0.056	0.046	0.051	0.056	0.047
*77	Upper Vaitarna	MAH	0.331	0.268	0.307	0.286	0.305	0.311	0.294	0.323	0.323	0.310	0.327	0.325	0.318
78	Upper Tapi	MAH	0.255	0.049	0.059	0.107	0.097	0.050	0.143	0.120	0.124	0.148	0.203	0.122	0.170
*79	Pench (Totladoh)	MAH	1.091	0.951	0.076	0.576	0.963	0.231	0.623	0.963	0.388	0.659	0.985	0.784	0.779
80	Upper Wardha	MAH	0.564	0.532	0.270	0.409	0.534	0.356	0.438	0.545	0.434	0.469	0.550	0.564	0.496
81	Bhatsa	MAH	0.942	0.840	0.897	0.812	0.906	0.919	0.833	0.920	0.929	0.873	0.931	0.923	0.889
82	Dhom	MAH	0.331	0.302	0.311	0.262	0.317	0.312	0.265	0.323	0.311	0.277	0.324	0.325	0.302
83	Dudhganga	MAH	0.664	0.629	0.651	0.606	0.663	0.657	0.618	0.664	0.664	0.639	0.664	0.662	0.645
84	Manikdoh	MAH	0.288	0.093	0.237	0.149	0.110	0.239	0.157	0.123	0.227	0.178	0.127	0.217	0.170
85	Bhandardara	MAH	0.304	0.293	0.304	0.293	0.304	0.303	0.289	0.304	0.304	0.300	0.304	0.304	0.302
86	Urmodi	MAH	0.273	0.259	0.266	0.247	0.266	0.266	0.248	0.270	0.271	0.253	0.271	0.270	0.251
87	Bhatghar	MAH	0.673	0.641	0.666	0.611	0.666	0.666	0.621	0.666	0.666	0.637	0.666	0.666	0.643
88	NiraDeoghar	MAH	0.332	0.286	0.332	0.300	0.332	0.332	0.304	0.332	0.317	0.332	0.332	0.332	0.317

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*89	Thokarwadi	MAH	0.353	0.212	0.288	0.238	0.230	0.327	0.241	0.250	0.337	0.267	0.253	0.353	0.279
90	Kanher	MAH	0.272	0.248	0.256	0.241	0.249	0.264	0.244	0.265	0.268	0.252	0.271	0.268	0.256
*91	Mulshi	MAH	0.572	0.515	0.523	0.463	0.523	0.523	0.465	0.523	0.523	0.491	0.523	0.523	0.498
92	Surya	MAH	0.276	0.267	0.265	0.249	0.276	0.265	0.260	0.276	0.265	0.257	0.276	0.265	0.267
93	Tillari	MAH	0.447	0.375	0.359	0.401	0.361	0.359	0.407	0.366	0.359	0.413	0.384	0.359	0.415
*94	Doyang Hep	NAG	0.535	0.374	0.260	0.356	0.374	0.266	0.358	0.360	0.272	0.356	0.335	0.286	0.355
*95	Hirakud	ODI	5.378	2.415	3.060	2.593	3.121	3.634	3.288	3.880	3.708	3.680	4.156	3.987	3.915
*96	Balimela	ODI	2.676	1.216	1.521	0.981	1.626	1.541	1.173	1.720	1.552	1.246	1.744	2.026	1.280
97	Salanadi	ODI	0.558	0.332	0.335	0.226	0.431	0.363	0.243	0.476	0.363	0.242	0.428	0.384	0.263
*98	Rengali	ODI	3.432	2.334	1.240	1.808	2.947	2.534	2.180	3.432	3.075	2.391	3.064	3.120	2.422
*99	Machkund (Jalaput)	ODI	0.893	0.517	0.714	0.506	0.606	0.763	0.580	0.631	0.815	0.645	0.642	0.815	0.668
*100	Upper Kolab	ODI	0.935	0.216	0.528	0.372	0.297	0.540	0.439	0.317	0.595	0.477	0.320	0.712	0.498
*101	Upper Indravati	ODI	1.456	0.565	1.257	0.817	0.933	1.267	0.865	0.928	1.319	0.939	0.950	1.319	0.973
102	Sapua	ODI	0.006	0.006	0.004	0.004	0.006	0.004	0.004	0.006	0.006	0.004	0.006	0.006	0.004
103	Hariharjhор	ODI	0.059	0.047	0.052	0.044	0.044	0.052	0.043	0.045	0.052	0.045	0.053	0.052	0.049
*104	Thein Dam	PUN	2.344	1.061	2.039	1.682	1.141	2.078	1.736	1.360	2.039	1.785	1.446	2.039	1.823
*105	Mahi Bajaj Sagar	RAJ	1.711	0.731	1.711	1.318	1.710	1.711	1.374	1.711	1.711	1.420	1.711	1.711	1.464
106	Jhakam	RAJ	0.132	0.045	0.132	0.108	0.096	0.132	0.113	0.120	0.132	0.116	0.129	0.132	0.119
*107	Rana Pratap Sagar	RAJ	1.436	0.668	1.284	1.036	0.740	1.354	1.089	1.326	1.419	1.119	1.345	1.425	1.091
108	Bisalpur	RAJ	1.076	0.622	1.076	0.654	0.637	1.076	0.690	0.682	1.076	0.717	0.703	1.076	0.752
109	Lower Bhawani	TN	0.792	0.792	0.697	0.426	0.792	0.682	0.415	0.792	0.686	0.414	0.792	0.729	0.418
*110	Mettur (Stanley)	TN	2.647	1.803	2.463	1.651	1.655	2.523	1.652	1.475	2.501	1.633	1.545	2.647	1.693

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 20.08.2020			As per Bulleting dated 27.08.2020			As per Bulleting dated 03.09.2020			As per Bulleting dated 10.09.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
111	Vaigai	TN	0.172	0.064	0.046	0.055	0.089	0.065	0.057	0.103	0.072	0.061	0.111	0.074	0.061
112	Parambikulam	TN	0.380	0.333	0.239	0.255	0.331	0.264	0.263	0.326	0.291	0.274	0.339	0.344	0.282
113	Aliyar	TN	0.095	0.074	0.047	0.062	0.076	0.049	0.063	0.073	0.053	0.066	0.076	0.069	0.069
*114	Sholayar	TN	0.143	0.128	0.131	0.109	0.129	0.131	0.108	0.130	0.132	0.113	0.131	0.132	0.117
115	Gumti	TRP	0.312	0.244	0.177	0.180	0.247	0.174	0.179	0.256	0.178	0.197	0.256	0.178	0.195
116	Matatila	UP	0.707	0.349	0.576	0.517	0.586	0.586	0.563	0.605	0.609	0.581	0.631	0.609	0.598
*117	Rihand	UP	5.649	2.876	1.085	2.521	3.090	1.801	2.672	3.491	2.050	2.843	3.843	2.288	3.064
118	Sharda Sagar	UP	0.330	0.212	0.167	0.195	0.243	0.167	0.198	0.240	0.128	0.188	0.235	0.110	0.180
119	Jirgo	UP	0.147	0.119	0.038	0.061	0.117	0.038	0.065	0.116	0.075	0.071	0.113	0.075	0.074
*120	Ramganga	UKH	2.196	1.531	0.979	1.181	1.543	1.076	1.282	1.561	1.127	1.331	1.617	1.269	1.454
*121	Tehri	UKH	2.615	1.822	1.990	1.944	2.127	2.141	2.098	2.328	2.340	2.205	2.427	2.473	2.265
122	Mayurakshi	WB	0.480	0.362	0.162	0.249	0.350	0.176	0.252	0.343	0.184	0.251	0.358	0.171	0.256
123	Kangsabati	WB	0.914	0.674	0.330	0.490	0.637	0.389	0.513	0.667	0.421	0.522	0.704	0.465	0.562
Reservoirs			171.091	109.937	122.616	102.691	131.172	129.027	109.839	139.158	134.425	116.268	142.234	139.647	120.667
Percentage			64.256	71.667	60.021	76.668	75.414	64.199	81.336	78.569	67.957	83.134	81.621	70.528	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020				As per Bulleting dated 24.09.2020				As per Bulleting dated 01.10.2020				As per Bulleting dated 08.10.2020			
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
*1	Srisailam	AP/TG	8.288	5.973	5.893	5.018	5.878	5.905	4.979	5.960	6.001	5.059	5.960	5.919	5.018				
*2	Nagarjuna Sagar	AP/TG	5.108	5.049	5.108	3.179	5.057	5.108	3.226	5.091	5.074	3.363	5.049	5.074	3.360				
3	Somasila	AP	1.994	1.994	1.040	0.798	1.994	1.878	0.999	1.994	1.961	1.035	1.994	1.994	1.084				
4	Yeleru	AP	0.508	0.480	0.401	0.209	0.476	0.458	0.231	0.459	0.490	0.254	0.459	0.489	0.269				
5	Sriramsagar	TG	2.300	2.300	1.028	1.435	2.300	1.548	1.563	2.300	2.092	1.648	2.300	2.164	1.629				
6	Lower Manair	TG	0.621	0.621	0.388	0.332	0.621	0.450	0.347	0.621	0.534	0.397	0.621	0.583	0.400				
7	Nizam Sagar	TG	0.482	0.097	0.048	0.162	0.175	0.066	0.201	0.252	0.087	0.218	0.261	0.095	0.240				
8	Singur	TG	0.822	0.217	0.000	0.398	0.550	0.016	0.486	0.667	0.021	0.498	0.682	0.027	0.470				
9	Tenughat	JHA	0.821	0.397	0.418	0.381	0.414	0.407	0.385	0.408	0.405	0.383	0.436	0.409	0.388				
10	Maithon	JHA	0.471	0.471	0.426	0.422	0.471	0.435	0.434	0.471	0.471	0.443	0.471	0.471	0.437				
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.156	0.184	0.184	0.170	0.184	0.184	0.177	0.184	0.184	0.167				
12	Konar	JHA	0.176	0.158	0.071	0.137	0.174	0.073	0.141	0.174	0.133	0.148	0.176	0.141	0.151				
13	Tilaiya	JHA	0.142	0.128	0.035	0.107	0.141	0.051	0.110	0.142	0.106	0.115	0.142	0.119	0.117				
*14	Ukai	GUJ	6.615	6.272	6.052	5.025	6.333	6.507	5.373	6.615	6.615	5.417	6.615	6.615	5.475				
15	Sabarmati (Dharoi)	GUJ	0.735	0.735	0.558	0.549	0.735	0.605	0.566	0.735	0.663	0.581	0.735	0.735	0.592				
*16	Kadana	GUJ	1.472	1.186	1.132	0.995	1.176	1.140	1.145	1.189	1.132	1.168	1.189	1.171	1.112				
17	Shetrunjji	GUJ	0.300	0.300	0.193	0.178	0.300	0.204	0.193	0.300	0.231	0.208	0.300	0.265	0.212				
18	Bhadar	GUJ	0.188	0.188	0.172	0.113	0.188	0.188	0.119	0.188	0.188	0.129	0.188	0.188	0.126				
19	Damanganga	GUJ	0.502	0.396	0.444	0.423	0.456	0.452	0.448	0.478	0.480	0.466	0.478	0.480	0.474				

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020			As per Bulleting dated 24.09.2020			As per Bulleting dated 01.10.2020			As per Bulleting dated 08.10.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20	Dantiwada	GUJ	0.399	0.242	0.111	0.183	0.252	0.116	0.187	0.258	0.127	0.194	0.260	0.145	0.199
21	Panam	GUJ	0.697	0.401	0.545	0.545	0.421	0.549	0.549	0.445	0.552	0.551	0.448	0.553	0.552
*22	Sardar Sarovar	GUJ	5.760	5.760	5.760	2.170	5.197	5.641	2.223	4.605	5.634	2.212	4.623	5.673	2.232
23	Karjan	GUJ	0.523	0.458	0.472	0.426	0.484	0.494	0.449	0.512	0.504	0.453	0.515	0.512	0.483
24	Sukhi (Guj)	GUJ	0.167	0.162	0.162	0.125	0.163	0.163	0.128	0.163	0.167	0.131	0.163	0.163	0.131
25	Watrank	GUJ	0.154	0.112	0.105	0.109	0.116	0.117	0.113	0.117	0.135	0.115	0.117	0.135	0.115
26	Hathmati	GUJ	0.153	0.149	0.048	0.057	0.149	0.049	0.060	0.149	0.063	0.067	0.149	0.142	0.076
27	Machchhu-I	GUJ	0.071	0.069	0.069	0.035	0.069	0.069	0.035	0.069	0.069	0.041	0.069	0.069	0.041
28	Machchhu-II	GUJ	0.091	0.084	0.084	0.050	0.084	0.084	0.049	0.084	0.084	0.056	0.084	0.084	0.056
29	Und-I	GUJ	0.066	0.066	0.066	0.035	0.066	0.066	0.035	0.066	0.066	0.040	0.066	0.066	0.040
30	Brahmani (Guj)	GUJ	0.071	0.056	0.050	0.030	0.056	0.049	0.029	0.056	0.056	0.033	0.055	0.056	0.033
*31	Gobind Sagar (Bhakra)	HP	6.229	4.764	5.466	5.470	4.629	5.387	5.508	4.445	5.381	5.481	4.337	5.316	5.475
*32	Pong Dam (Beas)	HP	6.157	4.748	5.553	5.346	4.637	5.386	5.388	4.530	5.627	5.413	4.380	5.428	5.305
*33	Kol Dam	HP	0.089	0.063	0.054	0.068	0.072	0.066	0.073	0.083	0.048	0.069	0.080	0.067	0.075
34	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.879	1.163	1.163	0.915	1.163	1.163	0.900	1.163	1.163	0.896
*35	Tungabhadra	KAR	3.276	2.856	2.856	2.517	2.856	2.856	2.496	2.856	2.856	2.481	2.837	2.856	2.475
36	Ghataprabha (Hidkal)	KAR	1.391	1.387	1.387	1.239	1.387	1.387	1.179	1.387	1.379	1.278	1.387	1.387	1.197
37	Bhadra	KAR	1.785	1.768	1.777	1.551	1.760	1.782	1.516	1.768	1.779	1.559	1.752	1.782	1.525
38	Linganamakki	KAR	4.294	3.465	4.226	3.620	3.807	4.236	3.514	3.863	4.245	3.620	3.841	4.222	3.530
39	Narayanpur	KAR	0.863	0.730	0.731	0.703	0.727	0.738	0.720	0.731	0.740	0.720	0.740	0.698	0.727
40	Malaprabha (Renuka)	KAR	0.972	0.918	0.972	0.588	0.927	0.972	0.584	0.943	0.972	0.625	0.972	0.972	0.601
41	Kabini	KAR	0.444	0.441	0.444	0.305	0.434	0.444	0.306	0.440	0.444	0.289	0.428	0.439	0.272

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020			As per Bulleting dated 24.09.2020			As per Bulleting dated 01.10.2020			As per Bulleting dated 08.10.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
42	Hemavathy	KAR	0.927	0.927	0.927	0.733	0.927	0.927	0.717	0.927	0.927	0.677	0.927	0.927	0.657
43	Harangi	KAR	0.220	0.218	0.220	0.200	0.220	0.218	0.196	0.220	0.206	0.187	0.219	0.203	0.172
44	Supa	KAR	4.120	3.125	3.994	3.071	3.317	3.991	3.040	3.429	3.982	3.043	3.469	3.970	2.965
45	Vani Vilas Sagar	KAR	0.802	0.178	0.008	0.082	0.193	0.007	0.078	0.201	0.010	0.084	0.210	0.024	0.094
*46	Almatti	KAR	3.105	3.105	3.105	2.906	3.105	3.105	2.916	3.105	3.105	2.886	3.105	3.105	2.854
*47	Gerusoppa	KAR	0.130	0.102	0.096	0.105	0.096	0.096	0.098	0.101	0.093	0.101	0.099	0.094	0.101
*48	Mani Dam	KAR	0.884	0.523	0.696	0.671	0.591	0.696	0.680	0.606	0.696	0.678	0.607	0.694	0.676
49	Tattihalla	KAR	0.249	0.170	0.016	0.069	0.191	0.157	0.083	0.209	0.151	0.086	0.206	0.142	0.093
50	Kallada (Parappar)	KRL	0.507	0.344	0.429	0.366	0.390	0.443	0.371	0.410	0.441	0.352	0.413	0.439	0.358
*51	Idamalayar	KRL	1.018	0.734	0.730	0.763	0.857	0.725	0.773	0.867	0.730	0.748	0.861	0.747	0.753
*52	Idukki	KRL	1.460	1.054	0.980	0.975	1.188	1.003	0.999	1.226	1.017	0.981	1.234	1.022	0.977
*53	Kakki	KRL	0.447	0.318	0.322	0.313	0.365	0.329	0.319	0.373	0.336	0.318	0.364	0.335	0.317
*54	Periyar	KRL	0.173	0.095	0.111	0.088	0.128	0.095	0.085	0.123	0.092	0.077	0.108	0.086	0.076
55	Malampuzha	KRL	0.224	0.179	0.194	0.169	0.187	0.197	0.174	0.197	0.200	0.176	0.198	0.202	0.177
*56	Gandhi Sagar	MP	6.827	5.791	6.293	4.302	6.098	6.258	4.573	6.369	6.342	4.898	6.388	6.591	4.690
57	Tawa	MP	1.944	1.944	1.944	1.811	1.944	1.944	1.847	1.944	1.944	1.862	1.944	1.944	1.863
*58	Bargi	MP	3.180	3.180	3.180	3.054	3.180	3.180	3.080	3.180	3.171	3.090	3.180	3.180	3.061
*59	Bansagar	MP	5.166	4.998	5.166	4.462	5.039	5.166	4.509	5.166	5.166	4.491	5.133	5.166	4.454
*60	Indira Sagar	MP	9.745	9.449	9.663	8.228	9.449	9.727	8.466	9.673	9.691	8.470	9.739	9.745	8.377
61	Barna Dam	MP	0.456	0.451	0.451	0.433	0.456	0.447	0.400	0.456	0.455	0.394	0.452	0.456	0.380
*62	Omkareswar	MP	0.299	0.070	0.000	0.000	0.059	0.000	0.000	0.048	0.000	0.000	0.077	0.000	0.000
63	Sanjay Sarovar	MP	0.508	0.355	0.378	0.357	0.380	0.392	0.372	0.382	0.368	0.372	0.387	0.394	0.367
64	Kolar Dam	MP	0.270	0.263	0.255	0.186	0.263	0.257	0.192	0.264	0.262	0.192	0.265	0.265	0.192

Contd...

Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020			As per Bulleting dated 24.09.2020			As per Bulleting dated 01.10.2020			As per Bulleting dated 08.10.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*65	Minimata Bango	CHH	3.046	2.502	2.420	2.382	2.475	2.365	2.400	2.433	2.600	2.401	2.428	2.639	2.332
66	Mahanadi	CHH	0.767	0.728	0.526	0.657	0.722	0.492	0.654	0.707	0.453	0.610	0.681	0.435	0.560
67	Dudhawa	CHH	0.284	0.267	0.261	0.212	0.281	0.261	0.221	0.280	0.252	0.214	0.284	0.221	0.198
68	Tandula	CHH	0.312	0.205	0.088	0.195	0.184	0.088	0.173	0.169	0.088	0.218	0.164	0.088	0.214
69	Jayakwadi (Paithan)	MAH	2.171	2.152	2.166	1.168	2.081	2.171	1.214	2.152	2.171	1.234	2.167	2.171	1.139
*70	Koyana	MAH	2.652	2.652	2.652	2.652	2.652	2.652	2.585	2.652	2.652	2.568	2.652	2.652	2.587
71	Bhima (Ujjani)	MAH	1.517	1.517	1.517	1.201	1.517	1.517	1.209	1.517	1.517	1.229	1.517	1.517	1.366
72	Isapur	MAH	0.965	0.964	0.212	0.586	0.964	0.271	0.582	0.964	0.365	0.600	0.964	0.378	0.643
73	Mula	MAH	0.609	0.593	0.601	0.484	0.603	0.601	0.504	0.603	0.601	0.508	0.609	0.607	0.515
74	Yeldari	MAH	0.809	0.809	0.000	0.316	0.808	0.027	0.317	0.809	0.056	0.330	0.809	0.078	0.343
75	Girma	MAH	0.524	0.524	0.521	0.254	0.524	0.524	0.240	0.524	0.524	0.250	0.524	0.524	0.233
76	Khadakvasla	MAH	0.056	0.053	0.056	0.048	0.056	0.051	0.045	0.054	0.053	0.044	0.046	0.038	0.044
*77	Upper Vaitarna	MAH	0.331	0.330	0.328	0.323	0.330	0.328	0.316	0.330	0.330	0.316	0.330	0.330	0.327
78	Upper Tapi	MAH	0.255	0.193	0.160	0.211	0.186	0.196	0.199	0.253	0.213	0.240	0.249	0.240	0.249
*79	Pench (Totladoh)	MAH	1.091	0.973	0.995	0.813	1.000	1.017	0.856	1.007	1.017	0.824	0.989	1.017	0.811
80	Upper Wardha	MAH	0.564	0.563	0.564	0.511	0.564	0.564	0.531	0.564	0.564	0.537	0.564	0.564	0.536
81	Bhatsa	MAH	0.942	0.933	0.931	0.927	0.930	0.934	0.915	0.939	0.941	0.912	0.942	0.942	0.925
82	Dhom	MAH	0.331	0.324	0.328	0.306	0.324	0.330	0.296	0.325	0.331	0.310	0.326	0.331	0.311
83	Dudhganga	MAH	0.664	0.664	0.664	0.647	0.664	0.664	0.648	0.664	0.664	0.663	0.664	0.664	0.646
84	Manikdoh	MAH	0.288	0.127	0.229	0.189	0.130	0.237	0.183	0.132	0.247	0.187	0.132	0.251	0.187
85	Bhandardara	MAH	0.304	0.304	0.304	0.302	0.304	0.304	0.304	0.304	0.304	0.304	0.304	0.304	0.295
86	Urmodi	MAH	0.273	0.270	0.272	0.252	0.270	0.272	0.252	0.272	0.272	0.254	0.273	0.272	0.255

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020			As per Bulleting dated 24.09.2020			As per Bulleting dated 01.10.2020			As per Bulleting dated 08.10.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
87	Bhatghar	MAH	0.673	0.666	0.667	0.641	0.666	0.667	0.645	0.666	0.667	0.645	0.666	0.666	0.646
88	NiraDeoghar	MAH	0.332	0.332	0.332	0.316	0.332	0.332	0.317	0.332	0.332	0.318	0.332	0.332	0.318
*89	Thokarwadi	MAH	0.353	0.257	0.353	0.284	0.258	0.353	0.290	0.258	0.353	0.291	0.258	0.353	0.289
90	Kanher	MAH	0.272	0.267	0.270	0.262	0.267	0.269	0.263	0.270	0.270	0.262	0.270	0.270	0.262
*91	Mulshi	MAH	0.572	0.523	0.523	0.497	0.523	0.523	0.501	0.522	0.523	0.499	0.510	0.521	0.496
92	Surya	MAH	0.276	0.274	0.265	0.268	0.274	0.265	0.272	0.275	0.265	0.272	0.275	0.265	0.272
93	Tillari	MAH	0.447	0.404	0.359	0.418	0.416	0.420	0.428	0.430	0.420	0.431	0.435	0.420	0.433
*94	Doyang Hep	NAG	0.535	0.316	0.320	0.355	0.307	0.312	0.352	0.301	0.327	0.345	0.318	0.318	0.335
*95	Hirakud	ODI	5.378	4.454	4.434	4.241	4.659	4.818	4.720	4.806	4.823	4.993	4.802	4.823	5.018
*96	Balimela	ODI	2.676	1.810	2.251	1.669	1.872	2.332	1.802	1.894	2.476	1.880	1.915	2.523	1.922
97	Salanadi	ODI	0.558	0.388	0.403	0.290	0.356	0.397	0.305	0.328	0.408	0.306	0.330	0.399	0.302
*98	Rengali	ODI	3.432	3.031	3.127	2.728	2.970	3.292	2.776	3.104	3.398	2.947	3.277	3.432	2.827
*99	Machkund (Jalaput)	ODI	0.893	0.666	0.842	0.738	0.707	0.842	0.813	0.724	0.848	0.800	0.848	0.752	0.796
*100	Upper Kolab	ODI	0.935	0.351	0.721	0.633	0.378	0.768	0.690	0.379	0.778	0.680	0.406	0.779	0.703
*101	Upper Indravati	ODI	1.456	0.987	1.351	1.027	1.041	1.347	1.139	1.050	1.348	1.111	1.067	1.331	1.112
102	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.005	0.006	0.006	0.005	0.006	0.006	0.005
103	Hariharjhor	ODI	0.059	0.055	0.052	0.050	0.054	0.052	0.051	0.055	0.052	0.050	0.055	0.052	0.049
*104	Thein Dam	PUN	2.344	1.477	2.039	1.795	1.446	2.039	1.829	1.386	1.999	1.829	1.318	1.999	1.732
*105	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.711	1.475	1.711	1.711	1.480	1.711	1.711	1.636	1.711	1.711	1.635
106	Jhakam	RAJ	0.132	0.132	0.132	0.121	0.132	0.132	0.123	0.132	0.132	0.123	0.132	0.132	0.123
*107	Rana Pratap Sagar	RAJ	1.436	1.358	1.434	1.138	1.298	1.427	1.137	1.257	1.436	1.174	1.275	1.436	1.160
108	Bisalpur	RAJ	1.076	0.705	1.076	0.772	0.696	1.076	0.789	0.690	1.076	0.797	0.680	1.076	0.797
109	Lower Bhawani	TN	0.792	0.792	0.734	0.418	0.792	0.725	0.420	0.792	0.724	0.398	0.792	0.720	0.386

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 17.09.2020			As per Bulleting dated 24.09.2020			As per Bulleting dated 01.10.2020			As per Bulleting dated 08.10.2020		
				Current Year's Live Storage (BCM)	Last Season' s Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*110	Mettur (Stanley)	TN	2.647	1.546	2.647	1.736	1.771	2.647	1.628	1.715	2.640	1.514	1.765	2.510	1.438
111	Vaigai	TN	0.172	0.112	0.080	0.060	0.116	0.085	0.062	0.113	0.099	0.061	0.098	0.105	0.064
112	Parambikulam	TN	0.380	0.368	0.361	0.290	0.377	0.365	0.292	0.378	0.370	0.291	0.378	0.368	0.290
113	Aliyar	TN	0.095	0.083	0.075	0.068	0.095	0.074	0.068	0.094	0.074	0.070	0.095	0.079	0.069
*114	Sholayar	TN	0.143	0.131	0.130	0.122	0.131	0.129	0.125	0.130	0.128	0.123	0.129	0.124	0.121
115	Gumti	TRP	0.312	0.278	0.178	0.200	0.283	0.177	0.203	0.294	0.174	0.198	0.291	0.174	0.206
116	Matatila	UP	0.707	0.641	0.641	0.602	0.641	0.641	0.658	0.641	0.641	0.648	0.641	0.641	0.654
*117	Rihand	UP	5.649	3.931	2.529	3.138	3.943	2.638	3.224	3.956	3.125	3.238	4.009	3.390	3.234
118	Sharda Sagar	UP	0.330	0.210	0.095	0.174	0.199	0.086	0.175	0.195	0.136	0.180	0.201	0.202	0.178
119	Jirgo	UP	0.147	0.112	0.075	0.081	0.108	0.075	0.082	0.105	0.137	0.094	0.101	0.137	0.091
*120	Ramganga	UKH	2.196	1.648	1.345	1.503	1.679	1.387	1.569	1.697	1.426	1.598	1.711	1.505	1.626
*121	Tehri	UKH	2.615	2.512	2.503	2.330	2.529	2.520	2.373	2.512	2.520	2.375	2.516	2.529	2.365
122	Mayurakshi	WB	0.480	0.355	0.153	0.258	0.362	0.160	0.271	0.368	0.172	0.276	0.368	0.325	0.286
123	Kangsabati	WB	0.914	0.680	0.539	0.546	0.627	0.497	0.549	0.590	0.498	0.544	0.569	0.574	0.520
Reservoirs			171.091	145.797	145.398	125.296	147.293	148.301	128.210	148.247	151.071	129.953	148.459	152.024	128.887
Percentage				85.216	84.983	73.234	86.090	86.680	74.937	86.648	88.299	75.955	86.772	88.856	75.332

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.878	5.973	4.882	5.946	5.826	4.682	5.973	5.973	4.685	5.973	5.739	4.413
*2	Nagarjuna Sagar	AP/TG	5.108	5.024	5.091	3.576	5.049	5.074	3.697	5.091	5.108	3.669	5.074	5.108	3.402
3	Somasila	AP	1.994	1.994	1.994	1.171	1.994	1.994	1.206	1.994	1.994	1.251	1.994	1.994	1.268
4	Yeleru	AP	0.508	0.494	0.496	0.279	0.481	0.493	0.285	0.471	0.498	0.304	0.480	0.498	0.328
5	Sriramsagar	TG	2.300	2.300	2.300	1.674	2.300	2.300	1.813	2.300	2.300	1.633	2.300	2.300	1.618
6	Lower Manair	TG	0.621	0.621	0.567	0.396	0.621	0.527	0.424	0.621	0.555	0.393	0.621	0.555	0.389
7	Nizam Sagar	TG	0.482	0.355	0.097	0.227	0.482	0.101	0.237	0.482	0.105	0.241	0.482	0.114	0.245
8	Singur	TG	0.822	0.799	0.027	0.471	0.817	0.027	0.471	0.822	0.031	0.470	0.822	0.041	0.455
9	Tenughat	JHA	0.821	0.386	0.419	0.392	0.399	0.428	0.397	0.410	0.422	0.389	0.413	0.426	0.395
10	Maithon	JHA	0.471	0.471	0.471	0.427	0.471	0.471	0.415	0.471	0.471	0.397	0.471	0.471	0.392
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.166	0.184	0.184	0.160	0.184	0.184	0.145	0.184	0.184	0.144
12	Konar	JHA	0.176	0.176	0.151	0.154	0.176	0.152	0.153	0.176	0.167	0.152	0.174	0.170	0.153
13	Tilaiya	JHA	0.142	0.142	0.124	0.121	0.142	0.126	0.121	0.142	0.132	0.117	0.142	0.129	0.117
*14	Ukai	GUJ	6.615	6.615	6.615	5.381	6.615	6.615	5.352	6.615	6.615	5.281	6.615	6.615	5.131
15	Sabarmati (Dharoi)	GUJ	0.735	0.735	0.735	0.596	0.735	0.735	0.610	0.732	0.735	0.580	0.712	0.735	0.570
*16	Kadana	GUJ	1.472	1.189	1.189	1.085	1.189	1.189	1.078	1.189	1.192	1.078	1.186	1.189	1.041
17	Shetrunjji	GUJ	0.300	0.300	0.276	0.213	0.300	0.276	0.199	0.300	0.276	0.211	0.300	0.276	0.207
18	Bhadar	GUJ	0.188	0.188	0.188	0.128	0.188	0.188	0.118	0.188	0.185	0.123	0.188	0.188	0.119
19	Damanganga	GUJ	0.502	0.478	0.480	0.479	0.478	0.480	0.480	0.478	0.480	0.479	0.473	0.480	0.474
20	Dantiwada	GUJ	0.399	0.260	0.149	0.202	0.260	0.150	0.196	0.259	0.150	0.193	0.248	0.148	0.188
21	Panam	GUJ	0.697	0.445	0.553	0.548	0.442	0.553	0.570	0.442	0.553	0.522	0.439	0.553	0.516

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*22	Sardar Sarovar	GUJ	5.760	4.617	5.641	2.101	4.878	5.609	2.184	4.800	5.692	2.194	4.766	5.679	2.109
23	Karjan	GUJ	0.523	0.514	0.514	0.473	0.511	0.515	0.484	0.509	0.514	0.481	0.504	0.514	0.446
24	Sukhi (Guj)	GUJ	0.167	0.163	0.163	0.131	0.163	0.163	0.131	0.163	0.163	0.129	0.163	0.163	0.129
25	Watrank	GUJ	0.154	0.117	0.135	0.115	0.117	0.135	0.114	0.117	0.135	0.113	0.115	0.135	0.115
26	Hathmati	GUJ	0.153	0.149	0.148	0.077	0.149	0.149	0.077	0.149	0.149	0.077	0.142	0.149	0.100
27	Machchhu-I	GUJ	0.071	0.068	0.069	0.041	0.069	0.069	0.041	0.069	0.069	0.040	0.068	0.068	0.037
28	Machchhu-II	GUJ	0.091	0.084	0.084	0.055	0.084	0.084	0.055	0.083	0.084	0.055	0.082	0.084	0.055
29	Und-I	GUJ	0.066	0.066	0.066	0.038	0.066	0.066	0.035	0.066	0.066	0.037	0.066	0.066	0.043
30	Brahmani (Guj)	GUJ	0.071	0.055	0.056	0.033	0.053	0.055	0.033	0.053	0.054	0.032	0.052	0.054	0.035
*31	Gobind Sagar (Bhakra)	HP	6.229	4.066	5.160	5.369	3.928	5.111	5.305	3.828	4.988	5.253	3.751	4.762	5.171
*32	Pong Dam (Beas)	HP	6.157	4.257	5.338	5.204	4.151	5.179	5.049	4.013	5.095	4.908	3.882	5.099	4.759
*33	Kol Dam	HP	0.089	0.079	0.077	0.078	0.082	0.081	0.078	0.085	0.081	0.080	0.082	0.083	0.081
34	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.907	1.163	1.163	0.922	1.163	1.163	0.910	1.163	1.163	0.916
*35	Tungabhadra	KAR	3.276	2.840	2.856	2.427	2.856	2.850	2.379	2.856	2.834	2.299	2.785	2.856	2.213
36	Ghataprabha (Hidkal)	KAR	1.391	1.387	1.387	1.261	1.387	1.387	1.246	1.387	1.387	1.276	1.387	1.387	1.167
37	Bhadra	KAR	1.785	1.773	1.777	1.546	1.770	1.781	1.506	1.762	1.774	1.489	1.738	1.774	1.456
38	Linganamakki	KAR	4.294	3.990	4.278	3.507	4.019	4.273	3.561	4.009	4.255	3.442	3.938	4.236	3.412
39	Narayanpur	KAR	0.863	0.653	0.735	0.718	0.712	0.627	0.681	0.740	0.716	0.695	0.740	0.740	0.667
40	Malaprabha (Renuka)	KAR	0.972	0.953	0.972	0.635	0.941	0.972	0.616	0.945	0.972	0.618	0.945	0.972	0.571
41	Kabini	KAR	0.444	0.438	0.436	0.263	0.426	0.443	0.244	0.403	0.443	0.254	0.375	0.442	0.247
42	Hemavathy	KAR	0.927	0.927	0.927	0.630	0.927	0.927	0.607	0.927	0.927	0.576	0.898	0.927	0.549
43	Harangi	KAR	0.220	0.220	0.217	0.164	0.220	0.220	0.163	0.218	0.214	0.141	0.189	0.205	0.125

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
44	Supa	KAR	4.120	3.491	3.993	2.969	3.511	4.022	3.058	3.522	4.062	2.934	3.504	4.064	2.917
45	Vani Vilas Sagar	KAR	0.802	0.221	0.034	0.100	0.231	0.089	0.108	0.249	0.196	0.120	0.259	0.223	0.128
*46	Almatti	KAR	3.105	3.105	3.105	2.821	3.105	3.105	2.766	3.105	3.105	2.651	3.105	3.105	2.521
*47	Gerusoppa	KAR	0.130	0.106	0.097	0.101	0.096	0.097	0.106	0.105	0.092	0.106	0.104	0.090	0.106
*48	Mani Dam	KAR	0.884	0.613	0.685	0.668	0.618	0.695	0.657	0.616	0.704	0.646	0.606	0.704	0.641
49	Tattihalla	KAR	0.249	0.197	0.142	0.098	0.187	0.210	0.104	0.173	0.219	0.106	0.148	0.190	0.104
50	Kallada (Parappar)	KRL	0.507	0.445	0.434	0.360	0.427	0.445	0.387	0.428	0.432	0.383	0.426	0.455	0.395
*51	Idamalayar	KRL	1.018	0.885	0.756	0.756	0.894	0.780	0.784	0.891	0.808	0.764	0.882	0.815	0.763
*52	Idukki	KRL	1.460	1.283	1.024	0.980	1.309	1.048	1.007	1.307	1.087	0.997	1.308	1.116	1.007
*53	Kakki	KRL	0.447	0.384	0.330	0.317	0.403	0.340	0.332	0.398	0.351	0.325	0.393	0.359	0.331
*54	Periyar	KRL	0.173	0.110	0.078	0.075	0.113	0.099	0.082	0.102	0.101	0.085	0.084	0.107	0.095
55	Malampuzha	KRL	0.224	0.203	0.210	0.180	0.208	0.208	0.182	0.210	0.213	0.183	0.214	0.214	0.184
*56	Gandhi Sagar	MP	6.827	6.381	6.553	5.023	6.348	6.597	5.281	6.308	6.584	4.850	6.250	6.607	5.090
57	Tawa	MP	1.944	1.944	1.944	1.865	1.944	1.944	1.857	1.944	1.944	1.861	1.944	1.944	1.828
*58	Bargi	MP	3.180	3.180	3.171	3.030	3.171	3.180	3.036	3.171	3.180	3.036	3.125	3.171	2.938
*59	Bansagar	MP	5.166	5.108	5.166	4.317	4.971	5.166	4.501	4.889	5.157	4.452	4.816	5.166	4.189
*60	Indira Sagar	MP	9.745	9.703	9.666	8.291	9.733	9.703	8.191	9.745	9.721	8.047	9.703	9.667	7.833
61	Barna Dam	MP	0.456	0.435	0.455	0.363	0.435	0.435	0.357	0.433	0.418	0.356	0.433	0.418	0.351
*62	Omkareshwar	MP	0.299	0.206	0.000	0.000	0.226	0.000	0.000	0.234	0.120	0.012	0.238	0.273	0.027
63	Sanjay Sarovar	MP	0.508	0.402	0.394	0.362	0.404	0.404	0.360	0.407	0.404	0.359	0.409	0.404	0.356
64	Kolar Dam	MP	0.270	0.264	0.267	0.192	0.262	0.266	0.191	0.255	0.267	0.190	0.241	0.267	0.181
*65	Minimata Banga	CHH	3.046	2.478	2.595	2.279	2.477	2.556	2.242	2.480	2.551	2.246	2.485	2.554	2.190
66	Mahanadi	CHH	0.767	0.732	0.422	0.565	0.760	0.488	0.554	0.767	0.585	0.575	0.767	0.643	0.589

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
67	Dudhawa	CHH	0.284	0.278	0.216	0.177	0.279	0.235	0.164	0.281	0.256	0.159	0.282	0.231	0.155
68	Tandula	CHH	0.312	0.168	0.088	0.193	0.170	0.088	0.185	0.170	0.088	0.184	0.169	0.088	0.184
69	Jayakwadi (Paithan)	MAH	2.171	2.171	2.171	1.140	2.171	2.171	1.124	2.171	2.171	1.112	2.171	2.171	1.102
*70	Koyana	MAH	2.652	2.652	2.652	2.596	2.652	2.652	2.585	2.652	2.652	2.497	2.652	2.652	2.553
71	Bhima (Ujjani)	MAH	1.517	1.517	1.517	1.256	1.517	1.517	1.366	1.517	1.517	1.236	1.517	1.517	1.209
72	Isapur	MAH	0.965	0.964	0.399	0.619	0.964	0.405	0.647	0.964	0.529	0.628	0.964	0.699	0.674
73	Mula	MAH	0.609	0.609	0.609	0.516	0.609	0.609	0.516	0.609	0.609	0.513	0.609	0.609	0.499
74	Yeldari	MAH	0.809	0.809	0.095	0.347	0.809	0.111	0.375	0.809	0.403	0.379	0.809	0.730	0.408
75	Girna	MAH	0.524	0.524	0.524	0.261	0.524	0.524	0.284	0.524	0.524	0.260	0.524	0.524	0.257
76	Khadakvasla	MAH	0.056	0.053	0.040	0.040	0.056	0.051	0.040	0.056	0.056	0.037	0.051	0.056	0.037
*77	Upper Vaitarna	MAH	0.331	0.330	0.330	0.317	0.330	0.330	0.326	0.330	0.331	0.314	0.330	0.331	0.311
78	Upper Tapi	MAH	0.255	0.255	0.255	0.250	0.255	0.255	0.255	0.255	0.252	0.255	0.255	0.247	0.253
*79	Pench (Totladoh)	MAH	1.091	1.009	1.015	0.773	1.003	1.017	0.742	1.009	1.017	0.717	1.000	1.013	0.695
80	Upper Wardha	MAH	0.564	0.564	0.564	0.534	0.564	0.564	0.529	0.564	0.564	0.522	0.564	0.564	0.512
81	Bhatsa	MAH	0.942	0.934	0.939	0.903	0.928	0.928	0.907	0.922	0.928	0.897	0.906	0.916	0.862
82	Dhom	MAH	0.331	0.328	0.331	0.297	0.331	0.331	0.311	0.331	0.331	0.307	0.331	0.331	0.290
83	Dudhganga	MAH	0.664	0.664	0.664	0.646	0.664	0.664	0.661	0.664	0.664	0.658	0.664	0.664	0.659
84	Manikdoh	MAH	0.288	0.134	0.253	0.188	0.137	0.254	0.200	0.137	0.256	0.196	0.137	0.256	0.181
85	Bhandardara	MAH	0.304	0.304	0.304	0.292	0.304	0.304	0.298	0.304	0.304	0.286	0.304	0.304	0.282
86	Urmodi	MAH	0.273	0.272	0.273	0.255	0.273	0.273	0.254	0.273	0.273	0.252	0.273	0.273	0.250
87	Bhatghar	MAH	0.673	0.666	0.666	0.646	0.667	0.667	0.646	0.666	0.667	0.645	0.666	0.666	0.643
88	NiraDeoghar	MAH	0.332	0.332	0.332	0.318	0.332	0.332	0.316	0.332	0.332	0.313	0.332	0.332	0.310
*89	Thokarwadi	MAH	0.353	0.255	0.353	0.288	0.255	0.353	0.286	0.253	0.353	0.282	0.251	0.353	0.272

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
90	Kanher	MAH	0.272	0.272	0.272	0.261	0.271	0.270	0.259	0.271	0.271	0.257	0.272	0.271	0.251
*91	Mulshi	MAH	0.572	0.496	0.512	0.483	0.489	0.500	0.471	0.484	0.493	0.465	0.479	0.476	0.448
92	Surya	MAH	0.276	0.275	0.265	0.272	0.276	0.265	0.271	0.276	0.265	0.271	0.274	0.265	0.269
93	Tillari	MAH	0.447	0.440	0.420	0.431	0.446	0.420	0.427	0.445	0.420	0.423	0.440	0.420	0.418
*94	Doyang Hep	NAG	0.535	0.332	0.323	0.337	0.339	0.327	0.332	0.368	0.381	0.339	0.376	0.375	0.333
*95	Hirakud	ODI	5.378	4.823	4.823	4.798	4.794	4.823	4.908	4.775	4.823	4.795	4.623	4.786	4.831
*96	Balimela	ODI	2.676	1.966	2.617	2.056	2.013	2.587	1.767	2.024	2.660	2.032	1.992	2.611	2.027
97	Salanadi	ODI	0.558	0.320	0.377	0.303	0.319	0.337	0.282	0.295	0.338	0.266	0.260	0.346	0.261
*98	Rengali	ODI	3.432	3.361	3.432	2.835	3.204	3.432	2.961	2.994	3.432	2.703	2.700	3.432	2.677
*99	Machkund (Jalaput)	ODI	0.893	0.776	0.848	0.834	0.876	0.853	0.823	0.877	0.848	0.832	0.876	0.857	0.835
*100	Upper Kolab	ODI	0.935	0.427	0.819	0.718	0.551	0.823	0.664	0.479	0.817	0.710	0.480	0.868	0.728
*101	Upper Indravati	ODI	1.456	1.066	1.330	1.101	1.075	1.297	1.106	1.068	1.323	1.090	1.029	1.321	1.105
102	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
103	Hariharjhor	ODI	0.059	0.055	0.052	0.048	0.055	0.052	0.045	0.054	0.052	0.042	0.052	0.052	0.040
*104	Thein Dam	PUN	2.344	1.294	1.999	1.738	1.233	1.919	1.650	1.192	1.919	1.666	1.111	1.880	1.621
*105	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.711	1.635	1.711	1.711	1.604	1.711	1.711	1.634	1.711	1.711	1.627
106	Jhakam	RAJ	0.132	0.132	0.132	0.123	0.132	0.132	0.124	0.132	0.132	0.123	0.132	0.132	0.111
*107	Rana Pratap Sagar	RAJ	1.436	1.272	1.436	1.109	1.196	1.426	1.094	1.083	1.406	1.064	0.973	1.390	0.971
108	Bisalpur	RAJ	1.076	0.671	1.076	0.791	0.657	1.076	0.781	0.640	1.076	0.770	0.636	1.076	0.758
109	Lower Bhawani	TN	0.792	0.792	0.728	0.377	0.785	0.792	0.407	0.755	0.792	0.396	0.732	0.792	0.406
*110	Mettur (Stanley)	TN	2.647	1.836	2.376	1.374	1.783	2.584	1.400	1.863	2.647	1.318	1.706	2.647	1.388
111	Vaigai	TN	0.172	0.080	0.103	0.064	0.070	0.119	0.074	0.067	0.121	0.076	0.055	0.132	0.085
112	Parambikulam	TN	0.380	0.379	0.372	0.289	0.378	0.371	0.291	0.374	0.370	0.288	0.371	0.373	0.288

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 15.10.2020			As per Bulleting dated 22.10.2020			As per Bulleting dated 29.10.2020			As per Bulleting dated 05.11.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
113	Aliyar	TN	0.095	0.095	0.081	0.068	0.094	0.083	0.068	0.095	0.088	0.071	0.092	0.093	0.073
*114	Sholayar	TN	0.143	0.131	0.127	0.119	0.129	0.127	0.118	0.126	0.130	0.111	0.126	0.129	0.105
115	Gumti	TRP	0.312	0.289	0.174	0.210	0.298	0.168	0.203	0.312	0.162	0.185	0.312	0.158	0.192
116	Matatila	UP	0.707	0.589	0.641	0.611	0.518	0.641	0.576	0.431	0.641	0.532	0.336	0.602	0.492
*117	Rihand	UP	5.649	4.061	3.478	3.217	3.982	3.491	3.286	3.880	3.478	3.113	3.818	3.549	3.198
118	Sharda Sagar	UP	0.330	0.262	0.274	0.186	0.299	0.299	0.214	0.330	0.322	0.230	0.330	0.330	0.234
119	Jirgo	UP	0.147	0.094	0.136	0.088	0.089	0.132	0.084	0.086	0.118	0.078	0.085	0.118	0.076
*120	Ramganga	UKH	2.196	1.719	1.532	1.635	1.724	1.554	1.639	1.731	1.556	1.643	1.735	1.567	1.647
*121	Tehri	UKH	2.615	2.535	2.512	2.376	2.525	2.495	2.369	2.520	2.478	2.336	2.461	2.427	2.315
122	Mayurakshi	WB	0.480	0.333	0.354	0.269	0.299	0.319	0.245	0.298	0.342	0.227	0.297	0.357	0.216
123	Kangsabati	WB	0.914	0.591	0.608	0.501	0.527	0.563	0.461	0.455	0.638	0.446	0.455	0.682	0.456
<b>Reservoirs</b>			<b>171.091</b>	<b>148.762</b>	<b>152.335</b>	<b>128.166</b>	<b>148.711</b>	<b>152.254</b>	<b>128.343</b>	<b>147.714</b>	<b>153.535</b>	<b>125.881</b>	<b>145.660</b>	<b>153.785</b>	<b>123.816</b>
<b>Percentage</b>				<b>86.949</b>	<b>89.037</b>	<b>74.911</b>	<b>86.919</b>	<b>88.990</b>	<b>75.014</b>	<b>86.337</b>	<b>89.739</b>	<b>73.575</b>	<b>85.136</b>	<b>89.885</b>	<b>72.369</b>

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.905	5.715	4.459	5.702	5.507	4.294	5.456	5.206	3.966	5.380	5.134	3.903
*2	Nagarjuna Sagar	AP/TG	5.108	5.066	5.015	3.330	5.066	4.965	3.143	5.057	4.864	2.973	5.041	4.670	2.792
3	Somasila	AP	1.994	1.994	1.994	1.305	1.994	1.951	1.360	1.994	1.927	1.423	1.994	1.921	1.428
4	Yeleru	AP	0.508	0.488	0.493	0.331	0.494	0.493	0.332	0.498	0.494	0.334	0.485	0.498	0.334
5	Sriramsagar	TG	2.300	2.300	2.300	1.591	2.300	2.300	1.590	2.300	2.300	1.575	2.300	2.300	1.567
6	Lower Manair	TG	0.621	0.621	0.608	0.399	0.621	0.586	0.400	0.621	0.538	0.401	0.621	0.507	0.399
7	Nizam Sagar	TG	0.482	0.482	0.116	0.255	0.482	0.116	0.254	0.482	0.115	0.252	0.482	0.114	0.251
8	Singur	TG	0.822	0.822	0.047	0.432	0.813	0.047	0.420	0.804	0.047	0.420	0.795	0.022	0.413
9	Tenughat	JHA	0.821	0.414	0.436	0.393	0.415	0.429	0.391	0.416	0.435	0.388	0.417	0.439	0.383
10	Maithon	JHA	0.471	0.471	0.471	0.392	0.471	0.471	0.416	0.471	0.471	0.409	0.471	0.471	0.383
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.148	0.184	0.184	0.169	0.184	0.184	0.164	0.184	0.184	0.152
12	Konar	JHA	0.176	0.172	0.170	0.152	0.170	0.170	0.151	0.168	0.170	0.151	0.167	0.169	0.147
13	Tilaiya	JHA	0.142	0.136	0.129	0.115	0.127	0.130	0.110	0.119	0.130	0.112	0.112	0.129	0.109
*14	Getalsud	JHA	0.218	0.119	0.156	0.127	0.112	0.155	0.123	0.109	0.154	0.120	0.109	0.153	0.119
*15	Ukai	GUJ	6.615	6.481	6.615	5.072	6.344	6.615	4.905	6.231	6.615	4.824	6.162	6.615	4.719
16	Sabarmati (Dharoi)	GUJ	0.735	0.688	0.735	0.554	0.675	0.729	0.539	0.650	0.708	0.522	0.624	0.683	0.502
*17	Kadana	GUJ	1.472	1.166	1.192	1.066	1.166	1.192	1.065	1.155	1.189	1.054	1.135	1.171	1.007
18	Shetrunji	GUJ	0.300	0.300	0.276	0.203	0.295	0.275	0.200	0.295	0.271	0.197	0.291	0.268	0.194
19	Bhadar	GUJ	0.188	0.188	0.187	0.116	0.187	0.185	0.112	0.186	0.183	0.109	0.183	0.180	0.105
20	Damanganga	GUJ	0.502	0.463	0.473	0.467	0.456	0.466	0.455	0.447	0.459	0.444	0.433	0.449	0.433
21	Dantiwada	GUJ	0.399	0.239	0.147	0.177	0.225	0.145	0.167	0.212	0.138	0.157	0.203	0.124	0.148
22	Panam	GUJ	0.697	0.433	0.553	0.513	0.427	0.553	0.510	0.418	0.552	0.506	0.407	0.542	0.499

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*23	Sardar Sarovar	GUJ	5.760	4.595	5.705	2.098	4.589	5.554	1.988	4.512	5.498	1.930	4.468	5.259	1.834
24	Karjan	GUJ	0.523	0.498	0.511	0.464	0.493	0.510	0.439	0.487	0.510	0.426	0.480	0.511	0.420
25	Sukhi (Guj)	GUJ	0.167	0.163	0.163	0.134	0.163	0.163	0.112	0.163	0.163	0.114	0.162	0.162	0.122
26	Watrank	GUJ	0.154	0.112	0.135	0.082	0.110	0.135	0.081	0.106	0.135	0.079	0.103	0.135	0.095
27	Hathmati	GUJ	0.153	0.147	0.149	0.094	0.146	0.149	0.094	0.139	0.147	0.091	0.134	0.138	0.064
28	Machchhu-I	GUJ	0.071	0.068	0.069	0.049	0.066	0.069	0.048	0.064	0.068	0.048	0.062	0.068	0.036
29	Machchhu-li	GUJ	0.091	0.079	0.084	0.061	0.077	0.084	0.061	0.075	0.084	0.060	0.071	0.083	0.052
30	Und-I	GUJ	0.066	0.066	0.066	0.046	0.064	0.066	0.046	0.063	0.066	0.046	0.061	0.066	0.042
31	Brahmani(Guj)	GUJ	0.071	0.051	0.054	0.034	0.050	0.054	0.033	0.049	0.054	0.032	0.047	0.053	0.030
*32	Gobind Sagar (Bhakra)	HP	6.229	3.661	4.699	5.106	3.566	4.609	4.989	3.471	4.571	4.853	3.371	4.626	4.770
*33	Pong Dam (Beas)	HP	6.157	3.766	4.991	4.737	3.652	4.868	4.375	3.557	3.688	4.190	3.447	4.625	4.051
*34	Kol Dam	HP	0.089	0.080	0.083	0.082	0.085	0.082	0.080	0.084	0.082	0.082	0.084	0.082	0.085
35	Krishnaraja Sagara	KAR	1.163	1.163	1.163	0.913	1.163	1.163	0.888	1.159	1.163	0.866	1.116	1.163	0.838
*36	Tungabhadra	KAR	3.276	2.687	2.856	2.118	2.573	2.768	2.006	2.410	2.648	1.902	2.329	2.523	1.805
37	Ghataprabha (Hidkal)	KAR	1.391	1.387	1.387	1.136	1.387	1.387	1.136	1.342	1.387	1.081	1.254	1.383	0.962
38	Bhadra	KAR	1.785	1.689	1.770	1.433	1.626	1.752	1.422	1.599	1.721	1.398	1.584	1.680	1.392
39	Linganamakki	KAR	4.294	3.867	4.189	3.485	3.799	4.108	3.311	3.708	4.028	3.251	3.646	3.943	3.178
40	Narayanpur	KAR	0.863	0.653	0.740	0.641	0.613	0.692	0.637	0.601	0.663	0.614	0.649	0.663	0.605
41	Malaprabha (Renuka)	KAR	0.972	0.953	0.972	0.548	0.939	0.972	0.554	0.908	0.972	0.547	0.867	0.948	0.458
42	Kabini	KAR	0.444	0.354	0.436	0.239	0.322	0.419	0.225	0.286	0.386	0.210	0.261	0.361	0.195
43	Hemavathy	KAR	0.927	0.837	0.927	0.533	0.780	0.891	0.513	0.713	0.829	0.481	0.644	0.768	0.443
44	Harangi	KAR	0.220	0.161	0.186	0.110	0.134	0.164	0.095	0.113	0.140	0.085	0.096	0.116	0.073
45	Supa	KAR	4.120	3.488	4.051	3.014	3.468	4.002	2.857	3.432	3.960	2.815	3.386	3.895	2.771
46	Vani Vilas Sagar	KAR	0.802	0.267	0.239	0.133	0.276	0.245	0.142	0.286	0.245	0.145	0.293	0.249	0.146

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*47	Almatti	KAR	3.105	3.105	3.105	2.440	3.029	3.105	2.316	3.010	3.105	2.196	2.937	3.105	2.081
*48	Gerusoppa	KAR	0.130	0.099	0.097	0.102	0.101	0.100	0.107	0.093	0.119	0.110	0.097	0.104	0.107
*49	Mani Dam	KAR	0.884	0.594	0.689	0.626	0.583	0.666	0.607	0.565	0.652	0.591	0.548	0.640	0.577
50	Tattihalla	KAR	0.249	0.120	0.162	0.102	0.094	0.127	0.100	0.070	0.085	0.093	0.049	0.048	0.089
51	Kallada (Parappar)	KRL	0.507	0.424	0.448	0.398	0.441	0.449	0.401	0.427	0.457	0.408	0.408	0.463	0.413
*52	Idamalayar	KRL	1.018	0.872	0.809	0.761	0.865	0.806	0.756	0.856	0.796	0.752	0.845	0.787	0.745
*53	Idukki	KRL	1.460	1.299	1.138	1.010	1.298	1.144	1.009	1.296	1.136	1.006	1.285	1.128	1.000
*54	Kakki	KRL	0.447	0.386	0.364	0.334	0.393	0.366	0.334	0.393	0.360	0.337	0.389	0.357	0.343
*55	Periyar	KRL	0.173	0.078	0.098	0.096	0.098	0.110	0.096	0.103	0.111	0.106	0.087	0.110	0.116
56	Malampuzha	KRL	0.224	0.215	0.216	0.184	0.210	0.217	0.180	0.198	0.213	0.174	0.188	0.203	0.165
*57	Gandhi Sagar	MP	6.827	6.186	6.466	4.736	6.120	6.466	4.624	6.044	6.466	4.546	5.967	6.429	4.827
58	Tawa	MP	1.944	1.906	1.944	1.755	1.834	1.944	1.675	1.756	1.936	1.607	1.692	1.864	1.536
*59	Bargi	MP	3.180	3.125	3.148	2.888	3.102	3.079	2.837	3.067	3.044	2.771	3.045	3.022	2.718
*60	Bansagar	MP	5.166	4.748	5.166	4.294	4.670	4.894	4.143	4.607	4.894	4.089	4.530	4.788	3.942
*61	Indira Sagar	MP	9.745	9.697	9.691	7.647	9.523	9.679	7.450	9.288	9.566	7.268	9.028	9.288	6.957
62	Barna Dam	MP	0.456	0.431	0.418	0.348	0.428	0.418	0.339	0.419	0.418	0.348	0.402	0.416	0.314
*63	Omkareshwar	MP	0.299	0.227	0.247	0.025	0.217	0.267	0.027	0.186	0.250	0.025	0.116	0.266	0.027
64	Sanjay Sarovar	MP	0.508	0.402	0.404	0.350	0.380	0.404	0.333	0.355	0.404	0.314	0.331	0.380	0.293
65	Kolar Dam	MP	0.270	0.232	0.267	0.171	0.224	0.267	0.161	0.217	0.267	0.154	0.207	0.229	0.144
*66	Minimata Bango	CHH	3.046	2.480	2.553	2.187	2.477	2.549	2.142	2.471	2.539	2.135	2.488	2.529	2.129
67	Mahanadi	CHH	0.767	0.764	0.675	0.610	0.758	0.680	0.596	0.755	0.680	0.632	0.751	0.693	0.608
68	Dudhawa	CHH	0.284	0.280	0.222	0.154	0.277	0.217	0.152	0.274	0.217	0.148	0.272	0.206	0.148
69	Tandula	CHH	0.312	0.167	0.088	0.183	0.166	0.088	0.182	0.164	0.088	0.181	0.161	0.088	0.192
70	Jayakwadi (Paithan)	MAH	2.171	2.171	2.171	1.092	2.171	2.171	1.077	2.171	2.171	1.122	2.124	2.171	1.060

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*71	Koyana	MAH	2.652	2.652	2.652	2.506	2.652	2.652	2.412	2.652	2.652	2.375	2.652	2.652	2.333
72	Bhima (Ujjani)	MAH	1.517	1.517	1.517	1.293	1.517	1.517	1.270	1.517	1.517	1.119	1.517	1.517	1.226
73	Isapur	MAH	0.965	0.964	0.717	0.671	0.961	0.758	0.634	0.960	0.764	0.622	0.941	0.766	0.606
74	Mula	MAH	0.609	0.609	0.609	0.516	0.609	0.609	0.510	0.609	0.609	0.502	0.609	0.609	0.460
75	Yeldari	MAH	0.809	0.809	0.794	0.438	0.809	0.808	0.432	0.809	0.809	0.392	0.805	0.809	0.390
76	Girna	MAH	0.524	0.524	0.524	0.275	0.524	0.524	0.272	0.524	0.524	0.248	0.524	0.524	0.244
77	Khadakvasla	MAH	0.056	0.043	0.052	0.039	0.040	0.049	0.041	0.040	0.047	0.039	0.035	0.048	0.040
*78	Upper Vaitarna	MAH	0.331	0.329	0.331	0.318	0.328	0.331	0.305	0.327	0.328	0.302	0.325	0.322	0.297
79	Upper Tapi	MAH	0.255	0.255	0.253	0.253	0.255	0.255	0.252	0.255	0.255	0.244	0.249	0.255	0.239
*80	Pench (Totladoh)	MAH	1.091	0.995	1.017	0.723	0.986	1.012	0.704	0.979	1.000	0.654	0.976	0.989	0.628
81	Upper Wardha	MAH	0.564	0.562	0.564	0.501	0.555	0.562	0.493	0.541	0.549	0.477	0.519	0.532	0.459
82	Bhatsa	MAH	0.942	0.894	0.906	0.863	0.871	0.887	0.832	0.853	0.867	0.813	0.834	0.849	0.810
83	Dhom	MAH	0.331	0.331	0.331	0.294	0.328	0.331	0.288	0.316	0.331	0.274	0.302	0.326	0.275
84	Dudhganga	MAH	0.664	0.664	0.664	0.650	0.664	0.664	0.640	0.657	0.664	0.609	0.643	0.664	0.602
85	Manikdoh	MAH	0.288	0.137	0.256	0.187	0.136	0.256	0.169	0.136	0.255	0.163	0.135	0.254	0.154
86	Bhandardara	MAH	0.304	0.303	0.304	0.278	0.302	0.304	0.276	0.302	0.304	0.275	0.301	0.304	0.269
87	Urmodi	MAH	0.273	0.273	0.273	0.249	0.273	0.273	0.248	0.273	0.273	0.245	0.273	0.273	0.243
88	Bhatghar	MAH	0.673	0.664	0.667	0.639	0.663	0.661	0.631	0.661	0.661	0.621	0.659	0.661	0.608
89	NiraDeoghar	MAH	0.332	0.332	0.332	0.305	0.332	0.332	0.298	0.332	0.331	0.289	0.332	0.332	0.280
*90	Thokarwadi	MAH	0.353	0.247	0.353	0.273	0.240	0.352	0.263	0.235	0.343	0.263	0.233	0.341	0.253
91	Kanher	MAH	0.272	0.272	0.271	0.246	0.270	0.272	0.242	0.257	0.272	0.238	0.253	0.272	0.234
*92	Mulshi	MAH	0.572	0.466	0.467	0.442	0.458	0.465	0.429	0.452	0.447	0.420	0.444	0.445	0.405
93	Surya	MAH	0.276	0.273	0.265	0.268	0.272	0.265	0.268	0.268	0.265	0.267	0.267	0.265	0.264
94	Tillari	MAH	0.447	0.434	0.420	0.414	0.425	0.420	0.410	0.417	0.420	0.405	0.408	0.420	0.399

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*95	Doyang Hep	NAG	0.535	0.373	0.359	0.330	0.379	0.350	0.325	0.381	0.346	0.320	0.382	0.340	0.314
*96	Hirakud	ODI	5.378	4.439	4.814	4.719	4.384	4.818	4.700	4.382	4.802	4.754	4.342	4.782	4.708
*97	Balimela	ODI	2.676	1.970	2.599	1.986	1.915	2.505	2.239	1.889	2.430	1.980	1.847	2.358	1.959
98	Salanadi	ODI	0.558	0.231	0.347	0.235	0.211	0.346	0.226	0.220	0.345	0.248	0.220	0.345	0.216
*99	Rengali	ODI	3.432	2.518	3.432	2.763	2.401	3.432	3.038	2.344	3.432	2.768	2.273	1.633	2.269
*100	Machkund (Jalaput)	ODI	0.893	0.872	0.325	0.708	0.863	0.851	0.832	0.852	0.841	0.808	0.836	0.831	0.799
*101	Upper Kolab	ODI	0.935	0.481	0.860	0.684	0.482	0.855	0.692	0.480	0.856	0.676	0.473	0.851	0.673
*102	Upper Indravati	ODI	1.456	1.005	1.300	1.060	0.995	1.283	1.082	0.996	1.283	1.053	0.996	1.289	1.052
103	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
104	Hariharjhor	ODI	0.059	0.048	0.052	0.038	0.048	0.052	0.037	0.048	0.052	0.037	0.048	0.052	0.037
*105	Thein Dam	PUN	2.344	1.061	1.841	1.526	1.031	1.841	1.485	0.915	1.800	1.438	0.817	1.760	1.397
*106	Mahi Bajaj Sagar	RAJ	1.711	1.711	1.711	1.618	1.711	1.711	1.599	1.697	1.711	1.560	1.627	1.711	1.502
107	Jhakam	RAJ	0.132	0.131	0.132	0.121	0.123	0.132	0.115	0.118	0.123	0.109	0.108	0.117	0.102
*108	Rana Pratap Sagar	RAJ	1.436	0.877	1.410	0.863	0.763	1.220	0.790	0.682	1.082	0.756	0.618	0.962	0.698
109	Bisalpur	RAJ	1.076	0.625	1.076	0.748	0.610	1.076	0.727	0.598	1.076	0.709	0.585	1.072	0.690
110	Lower Bhawani	TN	0.792	0.732	0.792	0.424	0.723	0.792	0.432	0.716	0.792	0.443	0.700	0.792	0.457
*111	Mettur (Stanley)	TN	2.647	1.638	2.647	1.505	1.698	2.647	1.554	1.811	2.647	1.579	1.906	2.647	1.634
112	Vaigai	TN	0.172	0.050	0.116	0.088	0.063	0.102	0.085	0.103	0.124	0.089	0.089	0.135	0.092
113	Parambikulam	TN	0.380	0.368	0.373	0.286	0.364	0.373	0.284	0.362	0.373	0.281	0.363	0.365	0.277
114	Aliyar	TN	0.095	0.087	0.092	0.074	0.085	0.092	0.074	0.085	0.093	0.074	0.082	0.094	0.074
*115	Sholayar	TN	0.143	0.124	0.129	0.103	0.118	0.127	0.100	0.106	0.123	0.096	0.087	0.119	0.090
116	Gumti	TRP	0.312	0.312	0.155	0.192	0.308	0.151	0.185	0.303	0.148	0.186	0.266	0.142	0.169
117	Matatila	UP	0.707	0.293	0.544	0.433	0.269	0.452	0.398	0.279	0.349	0.375	0.300	0.349	0.374
*118	Rihand	UP	5.649	3.755	3.549	3.038	3.717	3.528	2.995	3.679	3.528	3.080	3.629	3.516	2.928

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 12.11.2020			As per Bulleting dated 19.11.2020			As per Bulleting dated 26.11.2020			As per Bulleting dated 03.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
119	Sharda Sagar	UP	0.330	0.330	0.330	0.233	0.330	0.330	0.232	0.330	0.330	0.237	0.330	0.330	0.244
120	Sirsi	UP	0.190	0.111	0.010	0.097	0.090	0.169	0.114	0.090	0.169	0.110	0.088	0.186	0.109
121	Maudaha	UP	0.179	0.080	0.142	0.109	0.075	0.136	0.105	0.073	0.128	0.101	0.071	0.121	0.098
122	Jirgo	UP	0.147	0.083	0.116	0.075	0.082	0.116	0.075	0.081	0.116	0.074	0.080	0.113	0.073
123	Rangawan	UP	0.155	0.058	0.150	0.076	0.053	0.144	0.071	0.049	0.139	0.067	0.046	0.134	0.064
124	Meja	UP	0.299	0.141	0.003	0.131	0.137	0.003	0.128	0.136	0.003	0.127	0.136	0.003	0.125
*125	Ramganga	UKH	2.196	1.737	1.569	1.649	1.727	1.578	1.678	1.728	1.585	1.652	1.731	1.589	1.674
*126	Tehri	UKH	2.615	2.406	2.386	2.261	2.359	2.336	2.216	2.303	2.279	2.207	2.242	2.218	2.154
127	Mayurakshi	WB	0.480	0.297	0.363	0.219	0.297	0.368	0.248	0.296	0.369	0.232	0.296	0.370	0.220
128	Kangsabati	WB	0.914	0.455	0.698	0.458	0.453	0.703	0.514	0.453	0.704	0.485	0.452	0.706	0.460
Reservoirs			172.132	143.886	153.190	122.875	141.666	151.967	120.580	139.348	149.003	117.531	136.866	146.024	114.439
Percentage				83.591	88.996	71.384	82.301	88.285	70.051	80.954	86.563	68.280	79.512	84.833	66.483

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 10.12.2020			As per Bulleting dated 17.12.2020			As per Bulleting dated 24.12.2020			As per Bulleting dated 31.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	5.305	4.792	3.812	5.158	4.736	3.720	4.920	4.557	3.870	4.736	4.503	3.524
*2	Nagarjuna Sagar	AP/TG	5.108	4.933	4.425	2.612	4.670	4.172	2.481	4.400	3.893	2.608	4.082	3.594	2.160
3	Somasila	AP	1.994	1.994	1.963	1.425	1.994	1.979	1.398	1.994	1.923	1.311	1.994	1.881	1.312
4	Yeleru	AP	0.508	0.494	0.498	0.337	0.496	0.484	0.331	0.484	0.468	0.324	0.472	0.451	0.315
5	Sriramsagar	TG	2.300	2.300	2.300	1.553	2.300	2.300	1.538	2.300	2.300	1.667	2.300	2.300	1.497
6	Lower Manair	TG	0.621	0.621	0.466	0.395	0.621	0.525	0.400	0.609	0.621	0.444	0.551	0.600	0.407
7	Nizam Sagar	TG	0.482	0.482	0.113	0.247	0.482	0.113	0.241	0.482	0.112	0.238	0.460	0.109	0.219
8	Singur	TG	0.822	0.785	0.019	0.410	0.776	0.019	0.406	0.767	0.018	0.402	0.758	0.019	0.395
9	Tenughat	JHA	0.821	0.417	0.431	0.380	0.417	0.429	0.380	0.416	0.431	0.380	0.415	0.423	0.378
10	Maithon	JHA	0.471	0.471	0.471	0.380	0.471	0.471	0.379	0.471	0.471	0.403	0.471	0.471	0.375
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.152	0.184	0.184	0.152	0.184	0.184	0.165	0.184	0.184	0.150
12	Konar	JHA	0.176	0.164	0.168	0.145	0.161	0.168	0.144	0.159	0.167	0.144	0.157	0.167	0.140
13	Tilaiya	JHA	0.142	0.098	0.126	0.105	0.086	0.125	0.100	0.071	0.125	0.096	0.058	0.125	0.090
*14	Getalsud	JHA	0.218	0.108	0.153	0.118	0.108	0.138	0.115	0.105	0.131	0.113	0.102	0.122	0.110
*15	Ukai	GUJ	6.615	6.028	6.507	4.575	5.904	6.351	4.450	5.828	6.231	4.464	5.798	6.162	4.322
16	Sabarmati (Dharoi)	GUJ	0.735	0.606	0.672	0.485	0.599	0.663	0.468	0.579	0.637	0.444	0.551	0.610	0.426
*17	Kadana	GUJ	1.472	1.114	1.150	0.993	1.101	1.129	0.986	1.085	1.111	1.004	1.055	1.088	0.953
18	Shetrunji	GUJ	0.300	0.291	0.264	0.192	0.291	0.260	0.189	0.287	0.257	0.188	0.283	0.253	0.180
19	Bhadar	GUJ	0.188	0.180	0.177	0.101	0.173	0.176	0.097	0.167	0.173	0.097	0.161	0.171	0.088
20	Damanganga	GUJ	0.502	0.420	0.438	0.425	0.411	0.426	0.414	0.404	0.420	0.402	0.398	0.415	0.389
21	Dantiwada	GUJ	0.399	0.194	0.108	0.137	0.179	0.102	0.135	0.166	0.100	0.109	0.156	0.089	0.110
22	Panam	GUJ	0.697	0.399	0.535	0.490	0.390	0.522	0.479	0.388	0.511	0.494	0.377	0.505	0.462
*23	Sardar Sarovar	GUJ	5.760	4.453	5.002	1.758	4.509	4.741	1.675	4.394	4.347	1.693	4.292	4.120	1.515
24	Karjan	GUJ	0.523	0.471	0.511	0.416	0.465	0.510	0.410	0.457	0.499	0.419	0.450	0.463	0.394
25	Sukhi (Guj)	GUJ	0.167	0.161	0.157	0.103	0.159	0.153	0.114	0.152	0.153	0.121	0.150	0.149	0.110
26	Watrapk	GUJ	0.154	0.099	0.130	0.074	0.096	0.127	0.071	0.092	0.125	0.068	0.089	0.124	0.066

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 10.12.2020			As per Bulleting dated 17.12.2020			As per Bulleting dated 24.12.2020			As per Bulleting dated 31.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
27	Hathmati	GUJ	0.153	0.127	0.131	0.075	0.127	0.129	0.072	0.122	0.129	0.070	0.116	0.123	0.066
28	Machchhu-I	GUJ	0.071	0.059	0.067	0.033	0.055	0.065	0.033	0.050	0.064	0.043	0.048	0.063	0.029
29	Machchhu-li	GUJ	0.091	0.067	0.082	0.058	0.065	0.081	0.059	0.064	0.079	0.059	0.062	0.078	0.059
30	Und-I	GUJ	0.066	0.060	0.066	0.036	0.059	0.066	0.034	0.058	0.066	0.032	0.055	0.065	0.032
31	Brahmani (Guj)	GUJ	0.071	0.045	0.052	0.030	0.044	0.050	0.029	0.043	0.049	0.027	0.041	0.047	0.026
*32	Gobind Sagar (Bakra)	HP	6.229	3.238	4.394	4.592	3.086	4.261	4.435	2.898	4.168	4.269	2.689	4.005	4.100
*33	Pong Dam (Beas)	HP	6.157	3.304	4.535	3.944	3.144	4.515	3.780	3.012	4.453	3.601	2.878	4.339	3.448
*34	Kol Dam	HP	0.089	0.085	0.082	0.085	0.083	0.082	0.084	0.079	0.083	0.082	0.078	0.080	0.081
35	Krishnaraja Sagara	KAR	1.163	1.094	1.163	0.812	1.085	1.163	0.804	1.072	1.155	0.783	1.057	1.153	0.753
*36	Tungabhadra	KAR	3.276	2.298	2.429	1.710	2.217	2.328	1.619	2.123	2.245	1.540	1.976	2.154	1.462
37	Ghataprabha (Hidkal)	KAR	1.391	1.224	1.314	0.969	1.220	1.235	0.882	1.217	1.177	0.890	1.128	1.165	0.772
38	Bhadra	KAR	1.785	1.570	1.664	1.433	1.555	1.663	1.387	1.540	1.664	1.434	1.526	1.665	1.398
39	Linganamakki	KAR	4.294	3.602	3.854	3.111	3.563	3.757	3.122	3.473	3.650	2.957	3.393	3.559	2.941
40	Narayanpur	KAR	0.863	0.673	0.653	0.573	0.648	0.651	0.559	0.658	0.649	0.579	0.651	0.640	0.596
41	Malaprabha (Renuka)	KAR	0.972	0.825	0.914	0.470	0.779	0.876	0.400	0.733	0.832	0.403	0.687	0.783	0.332
42	Kabini	KAR	0.444	0.241	0.345	0.188	0.241	0.331	0.188	0.237	0.320	0.189	0.239	0.323	0.187
43	Hemavathy	KAR	0.927	0.573	0.714	0.403	0.507	0.651	0.361	0.453	0.591	0.345	0.418	0.544	0.296
44	Harangi	KAR	0.220	0.083	0.103	0.059	0.073	0.092	0.049	0.060	0.088	0.045	0.062	0.085	0.039
45	Supa	KAR	4.120	3.329	3.841	2.726	3.302	3.774	2.729	3.255	3.676	2.629	3.195	3.584	2.584
46	Vani Vilas Sagar	KAR	0.802	0.306	0.262	0.148	0.314	0.268	0.161	0.326	0.284	0.154	0.335	0.291	0.149
*47	Almatti	KAR	3.105	2.770	2.956	2.004	2.667	2.811	1.894	2.617	2.766	1.924	2.421	2.608	1.573
*48	Gerusoppa	KAR	0.130	0.106	0.106	0.102	0.104	0.111	0.103	0.112	0.093	0.104	0.109	0.106	0.108
*49	Mani Dam	KAR	0.884	0.529	0.620	0.563	0.519	0.599	0.549	0.507	0.589	0.534	0.492	0.565	0.519
50	Tattihalla	KAR	0.249	0.030	0.027	0.085	0.015	0.015	0.079	0.007	0.014	0.076	0.003	0.012	0.072
51	Kallada (Parappar)	KRL	0.507	0.385	0.462	0.411	0.372	0.461	0.408	0.363	0.458	0.396	0.358	0.452	0.397
*52	Idamalayar	KRL	1.018	0.838	0.786	0.734	0.826	0.779	0.723	0.802	0.769	0.722	0.788	0.758	0.693
*53	Idukki	KRL	1.460	1.279	1.113	0.991	1.262	1.117	0.979	1.242	1.112	0.975	1.221	1.098	0.950
*54	Kakki	KRL	0.447	0.395	0.358	0.344	0.393	0.351	0.340	0.389	0.342	0.334	0.385	0.334	0.327

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 10.12.2020			As per Bulleting dated 17.12.2020			As per Bulleting dated 24.12.2020			As per Bulleting dated 31.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*55	Periyar	KRL	0.173	0.091	0.107	0.111	0.079	0.104	0.107	0.072	0.124	0.093	0.060	0.086	0.089
56	Malampuzha	KRL	0.224	0.185	0.198	0.156	0.176	0.191	0.148	0.160	0.174	0.133	0.152	0.167	0.124
*57	Gandhi Sagar	MP	6.827	5.474	6.427	4.460	5.400	6.414	4.373	5.351	6.401	3.960	5.302	6.401	4.007
58	Tawa	MP	1.944	1.616	1.804	1.460	1.550	1.756	1.379	1.471	1.703	1.293	1.391	1.625	1.204
*59	Bargi	MP	3.180	2.996	2.982	2.646	2.954	2.954	2.578	2.898	2.926	2.499	2.828	2.898	2.420
*60	Bansagar	MP	5.166	4.440	4.694	3.951	4.367	4.648	3.874	4.290	4.589	3.970	4.190	4.589	3.747
*61	Indira Sagar	MP	9.745	8.662	9.076	7.026	8.254	8.930	6.565	7.783	8.766	6.311	7.409	8.531	6.084
62	Barna Dam	MP	0.456	0.388	0.411	0.300	0.382	0.404	0.283	0.376	0.397	0.279	0.369	0.392	0.293
*63	Omkareshwar	MP	0.299	0.054	0.261	0.026	0.046	0.238	0.024	0.253	0.251	0.025	0.248	0.242	0.024
64	Sanjay Sarovar	MP	0.508	0.306	0.380	0.274	0.284	0.348	0.255	0.259	0.348	0.237	0.237	0.348	0.218
65	Kolar Dam	MP	0.270	0.198	0.223	0.136	0.191	0.218	0.127	0.183	0.209	0.119	0.173	0.199	0.110
*66	Minimata Bango	CHH	3.046	2.485	2.526	2.123	2.478	2.525	2.118	2.470	2.525	2.198	2.462	2.525	2.109
67	Mahanadi	CHH	0.767	0.745	0.687	0.630	0.755	0.680	0.607	0.748	0.675	0.625	0.736	0.675	0.626
68	Dudhawa	CHH	0.284	0.270	0.205	0.134	0.269	0.203	0.122	0.268	0.200	0.114	0.267	0.197	0.117
69	Tandula	CHH	0.312	0.160	0.088	0.191	0.159	0.088	0.191	0.160	0.088	0.190	0.158	0.088	0.182
70	Jayakwadi (Paithan)	MAH	2.171	2.079	2.171	0.947	2.032	2.143	1.122	1.990	2.099	1.002	1.959	2.042	1.025
*71	Koyana	MAH	2.652	2.631	2.601	2.367	2.583	2.534	2.229	2.525	2.489	2.263	2.468	2.565	2.168
72	Bhima (Ujani)	MAH	1.517	1.517	1.517	1.205	1.517	1.517	1.069	1.517	1.517	1.155	1.517	1.517	1.004
73	Isapur	MAH	0.965	0.912	0.763	0.626	0.887	0.741	0.569	0.881	0.700	0.586	0.878	0.681	0.533
74	Mula	MAH	0.609	0.609	0.609	0.473	0.607	0.605	0.427	0.604	0.601	0.431	0.602	0.598	0.415
75	Yeldari	MAH	0.809	0.801	0.809	0.418	0.798	0.809	0.374	0.794	0.809	0.394	0.781	0.809	0.347
76	Girna	MAH	0.524	0.503	0.524	0.261	0.480	0.524	0.232	0.456	0.524	0.247	0.439	0.524	0.219
77	Khadakvasla	MAH	0.056	0.042	0.050	0.040	0.048	0.049	0.036	0.042	0.035	0.034	0.037	0.035	0.033
*78	Upper Vaitarna	MAH	0.331	0.325	0.316	0.305	0.323	0.310	0.290	0.322	0.306	0.296	0.321	0.297	0.279
79	Upper Tapi	MAH	0.255	0.244	0.255	0.237	0.240	0.255	0.230	0.235	0.255	0.228	0.221	0.255	0.218
*80	Pench (Totladoh)	MAH	1.091	0.967	0.979	0.626	0.963	0.976	0.602	0.953	0.975	0.642	0.917	0.970	0.569
81	Upper Wardha	MAH	0.564	0.500	0.510	0.438	0.493	0.494	0.419	0.480	0.490	0.402	0.457	0.475	0.386
82	Bhatsa	MAH	0.942	0.816	0.830	0.792	0.798	0.811	0.761	0.779	0.792	0.754	0.757	0.772	0.725

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 10.12.2020			As per Bulleting dated 17.12.2020			As per Bulleting dated 24.12.2020			As per Bulleting dated 31.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
83	Dhom	MAH	0.331	0.289	0.312	0.267	0.281	0.301	0.245	0.272	0.288	0.246	0.263	0.276	0.228
84	Dudhganga	MAH	0.664	0.623	0.652	0.604	0.607	0.639	0.567	0.589	0.628	0.581	0.585	0.624	0.554
85	Manikdoh	MAH	0.288	0.134	0.253	0.156	0.133	0.251	0.148	0.132	0.250	0.142	0.131	0.249	0.126
86	Bhandardara	MAH	0.304	0.300	0.303	0.264	0.299	0.302	0.236	0.299	0.302	0.246	0.297	0.300	0.225
87	Urmodi	MAH	0.273	0.271	0.273	0.240	0.271	0.273	0.237	0.268	0.272	0.233	0.268	0.271	0.229
88	Bhatghar	MAH	0.673	0.657	0.656	0.591	0.656	0.658	0.576	0.654	0.657	0.556	0.652	0.656	0.531
89	NiraDeoghar	MAH	0.332	0.331	0.332	0.271	0.328	0.331	0.261	0.316	0.331	0.251	0.331	0.331	0.241
*90	Thokarwadi	MAH	0.353	0.226	0.334	0.254	0.215	0.328	0.252	0.217	0.319	0.239	0.211	0.313	0.231
91	Kanher	MAH	0.272	0.247	0.266	0.229	0.232	0.255	0.221	0.219	0.249	0.213	0.208	0.249	0.207
*92	Mulshi	MAH	0.572	0.433	0.433	0.399	0.419	0.422	0.387	0.407	0.362	0.371	0.394	0.352	0.347
93	Surya	MAH	0.276	0.266	0.265	0.264	0.264	0.265	0.262	0.262	0.265	0.258	0.258	0.265	0.252
94	Tillari	MAH	0.447	0.400	0.420	0.394	0.391	0.420	0.387	0.382	0.420	0.380	0.371	0.420	0.373
*95	Doyang Hep	NAG	0.535	0.381	0.331	0.308	0.379	0.323	0.302	0.377	0.307	0.295	0.373	0.307	0.288
*96	Hirakud	ODI	5.378	4.303	4.738	4.588	4.274	4.693	4.632	4.188	4.720	4.515	4.204	4.589	4.414
*97	Balimela	ODI	2.676	1.809	2.325	2.016	1.777	2.274	1.967	1.744	2.246	2.038	1.703	2.212	1.861
98	Salanadi	ODI	0.558	0.220	0.343	0.225	0.220	0.341	0.223	0.220	0.339	0.222	0.220	0.337	0.221
*99	Rengali	ODI	3.432	2.202	3.415	2.531	2.128	3.359	2.539	2.066	3.292	2.575	1.997	3.261	2.652
*100	Machkund (Jalaput)	ODI	0.893	0.816	0.820	0.792	0.872	0.797	0.784	0.777	0.786	0.772	0.769	0.770	0.770
*101	Upper Kolab	ODI	0.935	0.463	0.838	0.704	0.465	0.822	0.669	0.459	0.812	0.715	0.446	0.804	0.651
*102	Upper Indravati	ODI	1.456	1.095	1.286	1.074	1.005	1.271	1.054	1.015	1.261	1.052	1.023	1.154	1.029
103	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
104	Hariharjhor	ODI	0.059	0.048	0.052	0.036	0.048	0.052	0.036	0.048	0.052	0.036	0.048	0.052	0.036
*105	Thein Dam	PUN	2.344	0.695	1.660	1.329	0.621	1.660	1.282	0.567	1.629	1.215	0.526	1.538	1.150
*106	Mahi Bajaj Sagar	RAJ	1.711	1.554	1.687	1.443	1.495	1.620	1.384	1.425	1.546	1.331	1.365	1.481	1.262
107	Jhakam	RAJ	0.132	0.106	0.112	0.099	0.103	0.110	0.095	0.097	0.103	0.093	0.092	0.096	0.084
*108	Rana Pratap Sagar	RAJ	1.436	0.905	0.865	0.689	0.810	0.777	0.655	0.718	0.665	0.628	0.577	0.528	0.578
109	Bisalpur	RAJ	1.076	0.575	1.058	0.670	0.564	1.044	0.651	0.554	1.030	0.634	0.543	1.018	0.617
110	Lower Bhawani	TN	0.792	0.711	0.792	0.453	0.707	0.792	0.435	0.685	0.792	0.418	0.688	0.792	0.401

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 10.12.2020			As per Bulleting dated 17.12.2020			As per Bulleting dated 24.12.2020			As per Bulleting dated 31.12.2020		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*111	Mettur (Stanley)	TN	2.647	1.983	2.647	1.628	2.072	2.647	1.543	2.092	2.614	1.438	2.059	2.589	1.389
112	Vaigai	TN	0.172	0.099	0.156	0.090	0.095	0.154	0.085	0.106	0.111	0.072	0.095	0.097	0.076
113	Parambikulam	TN	0.380	0.367	0.361	0.271	0.363	0.359	0.265	0.359	0.358	0.256	0.354	0.355	0.249
114	Aliyar	TN	0.095	0.083	0.091	0.073	0.084	0.086	0.070	0.078	0.083	0.063	0.074	0.077	0.062
*115	Sholayar	TN	0.143	0.072	0.110	0.084	0.060	0.099	0.076	0.049	0.086	0.069	0.036	0.074	0.055
116	Gumti	TRP	0.312	0.294	0.141	0.162	0.289	0.137	0.154	0.285	0.134	0.144	0.278	0.127	0.136
117	Matatila	UP	0.707	0.285	0.372	0.387	0.267	0.401	0.368	0.235	0.413	0.360	0.168	0.419	0.339
*118	Rihand	UP	5.649	3.528	3.440	2.865	3.415	3.365	2.980	3.314	3.267	2.884	3.279	3.149	2.623
119	Sharda Sagar	UP	0.330	0.330	0.330	0.243	0.330	0.330	0.229	0.330	0.330	0.216	0.278	0.330	0.208
120	Sirsi	UP	0.190	0.086	0.186	0.107	0.086	0.163	0.101	0.077	0.160	0.096	0.071	0.155	0.090
121	Maudaha	UP	0.179	0.065	0.117	0.095	0.063	0.117	0.092	0.059	0.117	0.089	0.055	0.114	0.087
122	Jirgo	UP	0.147	0.078	0.113	0.073	0.076	0.112	0.072	0.076	0.111	0.071	0.072	0.111	0.070
123	Rangawan	UP	0.155	0.044	0.131	0.061	0.041	0.128	0.058	0.038	0.126	0.056	0.034	0.122	0.053
124	Meja	UP	0.299	0.134	0.003	0.125	0.132	0.003	0.129	0.132	0.003	0.130	0.125	0.003	0.125
*125	Ramganga	UKH	2.196	1.732	1.552	1.639	1.708	1.561	1.616	1.696	1.521	1.561	1.581	1.497	1.510
*126	Tehri	UKH	2.615	2.143	2.135	2.071	2.031	2.069	2.010	1.905	2.008	1.943	1.787	1.964	1.864
127	Mayurakshi	WB	0.480	0.294	0.370	0.219	0.292	0.369	0.218	0.291	0.367	0.231	0.290	0.365	0.216
128	Kangsabati	WB	0.914	0.452	0.706	0.461	0.451	0.709	0.461	0.450	0.710	0.485	0.449	0.712	0.445
<b>Reservoirs</b>			172.132	134.058	144.644	112.416	131.064	141.949	109.264	127.728	138.946	107.767	123.881	135.791	102.510
<b>Percentage</b>				77.881	84.031	65.308	76.142	82.465	63.477	74.204	80.721	62.607	71.969	78.888	59.553

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*1	Srisailam	AP/TG	8.288	4.557	4.260	3.238	4.416	4.155	3.190	4.144	4.104	3.175	3.935	4.043	2.858	3.687	3.819	2.692
*2	Nagarjuna Sagar	AP/TG	5.108	3.814	3.324	1.870	3.559	3.098	1.744	3.310	2.747	1.795	3.072	2.528	1.506	2.880	2.382	1.424
3	Somasila	AP	1.994	1.994	1.857	1.280	1.994	1.862	1.245	1.994	1.824	1.170	1.994	1.764	1.152	1.994	1.701	1.097
4	Yeleru	AP	0.508	0.460	0.436	0.302	0.448	0.421	0.288	0.436	0.406	0.280	0.420	0.388	0.263	0.402	0.370	0.251
5	Sriramsagar	TG	2.300	2.200	2.300	1.459	2.092	2.200	1.395	2.001	2.101	1.327	1.893	1.992	1.255	1.765	1.875	1.174
6	Lower Manair	TG	0.621	0.500	0.542	0.392	0.458	0.461	0.381	0.448	0.414	0.372	0.518	0.351	0.350	0.585	0.301	0.342
7	Nizam Sagar	TG	0.482	0.437	0.106	0.209	0.433	0.104	0.195	0.411	0.100	0.181	0.380	0.097	0.170	0.373	0.096	0.160
8	Singur	TG	0.822	0.748	0.019	0.389	0.728	0.019	0.384	0.712	0.017	0.375	0.694	0.017	0.369	0.684	0.016	0.391
9	Tenughat	JHA	0.821	0.413	0.420	0.394	0.406	0.420	0.399	0.403	0.420	0.391	0.401	0.420	0.394	0.399	0.420	0.385
10	Maithon	JHA	0.471	0.471	0.471	0.383	0.471	0.471	0.408	0.471	0.471	0.380	0.471	0.471	0.403	0.471	0.471	0.369
*11	Panchet Hill	JHA	0.184	0.184	0.184	0.150	0.184	0.184	0.162	0.184	0.184	0.148	0.184	0.184	0.158	0.184	0.184	0.143
12	Konar	JHA	0.176	0.153	0.166	0.138	0.151	0.165	0.141	0.148	0.163	0.134	0.146	0.163	0.133	0.143	0.161	0.127
13	Tilaiya	JHA	0.142	0.052	0.125	0.085	0.049	0.125	0.081	0.045	0.120	0.073	0.045	0.109	0.068	0.045	0.096	0.059
*14	Getalsud	JHA	0.218	0.100	0.114	0.108	0.098	0.112	0.107	0.109	0.112	0.105	0.093	0.107	0.104	0.090	0.104	0.102
*15	Ukai	GUJ	6.615	5.764	6.121	4.287	5.744	6.071	4.252	5.704	6.025	4.200	5.600	5.939	4.117	5.391	5.759	4.093
16	Sabarmati (Dharoi)	GUJ	0.735	0.532	0.593	0.407	0.517	0.583	0.392	0.499	0.560	0.372	0.480	0.538	0.353	0.456	0.514	0.337
*17	Kadana	GUJ	1.472	1.030	1.055	0.937	1.017	1.037	0.924	0.992	1.012	0.911	0.961	0.982	0.896	0.931	0.954	0.872
18	Shetrunji	GUJ	0.300	0.279	0.253	0.176	0.279	0.249	0.170	0.275	0.246	0.165	0.268	0.239	0.156	0.257	0.232	0.148
19	Bhadar	GUJ	0.188	0.155	0.167	0.083	0.149	0.162	0.079	0.142	0.155	0.075	0.136	0.148	0.071	0.130	0.145	0.067
20	Damanganga	GUJ	0.502	0.381	0.400	0.376	0.368	0.381	0.365	0.354	0.368	0.353	0.346	0.362	0.341	0.334	0.352	0.329
21	Dantiwada	GUJ	0.399	0.146	0.074	0.100	0.135	0.066	0.092	0.120	0.057	0.083	0.114	0.046	0.075	0.102	0.033	0.071
22	Panam	GUJ	0.697	0.366	0.498	0.455	0.361	0.488	0.448	0.351	0.479	0.439	0.341	0.470	0.432	0.331	0.457	0.423

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*23	Sardar Sarovar	GUJ	5.760	4.264	3.938	1.472	4.264	3.827	1.408	4.258	3.562	1.346	4.218	3.330	1.251	4.137	3.055	1.246
24	Karjan	GUJ	0.523	0.441	0.429	0.383	0.435	0.395	0.373	0.426	0.380	0.364	0.416	0.354	0.354	0.406	0.337	0.360
25	Sukhi (Guj)	GUJ	0.167	0.147	0.144	0.104	0.144	0.142	0.121	0.144	0.136	0.106	0.140	0.133	0.102	0.137	0.131	0.100
26	Watrak	GUJ	0.154	0.086	0.122	0.080	0.083	0.117	0.088	0.079	0.113	0.057	0.077	0.112	0.056	0.074	0.111	0.053
27	Hathmati	GUJ	0.153	0.112	0.119	0.051	0.111	0.116	0.066	0.106	0.111	0.057	0.101	0.103	0.051	0.097	0.102	0.050
28	Machchhu-l	GUJ	0.071	0.045	0.060	0.031	0.043	0.053	0.036	0.041	0.050	0.034	0.038	0.048	0.033	0.036	0.046	0.031
29	Machchhu-li	GUJ	0.091	0.062	0.077	0.036	0.061	0.076	0.042	0.061	0.074	0.058	0.061	0.074	0.036	0.058	0.072	0.058
30	Und-l	GUJ	0.066	0.053	0.063	0.030	0.050	0.061	0.030	0.049	0.057	0.040	0.048	0.049	0.037	0.046	0.048	0.037
31	Brahmani (Guj)	GUJ	0.071	0.039	0.046	0.024	0.038	0.045	0.023	0.037	0.043	0.021	0.036	0.042	0.020	0.035	0.041	0.018
*32	Gobind Sagar (Bhakra)	HP	6.229	2.561	3.927	3.912	2.732	3.811	3.749	2.332	3.759	3.625	2.201	3.589	3.461	2.058	3.505	3.276
*33	Pong Dam (Beas)	HP	6.157	2.748	4.265	3.320	2.731	4.210	3.139	2.473	4.173	3.013	2.344	4.134	2.882	2.278	4.086	2.740
*34	Kol Dam	HP	0.089	0.072	0.076	0.078	0.069	0.082	0.075	0.060	0.082	0.074	0.055	0.081	0.070	0.047	0.079	0.066
35	Krishnaraja Sagara	KAR	1.163	1.045	1.147	0.748	1.052	1.134	0.736	0.994	1.068	0.700	0.935	1.002	0.658	0.926	0.962	0.634
*36	Tungabhadra	KAR	3.276	1.811	2.011	1.308	1.657	1.821	1.173	1.527	1.619	1.053	1.384	1.460	0.949	1.229	1.330	0.858
37	Ghataprabha (Hidkal)	KAR	1.391	1.039	1.162	0.757	0.997	1.140	0.686	0.994	1.091	0.607	0.975	1.021	0.604	0.889	0.942	0.536
38	Bhadra	KAR	1.785	1.513	1.664	1.428	1.504	1.650	1.388	1.459	1.583	1.295	1.406	1.525	1.297	1.338	1.454	1.170
39	Linganamakki	KAR	4.294	3.305	3.445	2.778	3.245	3.353	2.679	3.160	3.281	2.591	3.073	3.164	2.481	2.981	3.037	2.371
40	Narayanpur	KAR	0.863	0.620	0.637	0.596	0.620	0.637	0.588	0.619	0.654	0.610	0.596	0.653	0.573	0.591	0.653	0.575
41	Malaprabha (Renuka)	KAR	0.972	0.642	0.723	0.320	0.599	0.680	0.295	0.560	0.637	0.252	0.519	0.590	0.239	0.473	0.550	0.200
42	Kabini	KAR	0.444	0.240	0.328	0.189	0.245	0.331	0.189	0.249	0.336	0.206	0.248	0.341	0.206	0.245	0.345	0.203
43	Hemavathy	KAR	0.927	0.378	0.507	0.270	0.363	0.505	0.258	0.350	0.505	0.249	0.350	0.507	0.241	0.349	0.504	0.236

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
44	Harangi	KAR	0.220	0.065	0.086	0.039	0.068	0.087	0.040	0.069	0.087	0.043	0.070	0.088	0.044	0.071	0.088	0.045
45	Supa	KAR	4.120	3.119	3.477	2.526	3.087	3.401	2.472	3.028	3.334	2.417	2.955	3.236	2.359	2.899	3.139	2.302
46	Vani Vilas Sagar	KAR	0.802	0.341	0.296	0.148	0.341	0.295	0.147	0.339	0.294	0.146	0.338	0.292	0.141	0.336	0.292	0.138
*47	Almatti	KAR	3.105	2.260	2.376	1.518	2.252	2.352	1.412	2.058	2.123	1.375	1.869	1.922	1.163	1.840	1.879	1.051
*48	Gerusoppa	KAR	0.130	0.099	0.095	0.107	0.116	0.109	0.108	0.091	0.117	0.111	0.103	0.112	0.112	0.111	0.106	0.110
*49	Mani Dam	KAR	0.884	0.474	0.544	0.503	0.470	0.524	0.488	0.453	0.489	0.468	0.438	0.470	0.450	0.430	0.441	0.432
50	Tattihalla	KAR	0.249	0.003	0.011	0.067	0.002	0.009	0.060	0.001	0.007	0.057	0.001	0.003	0.051	0.001	0.001	0.046
51	Kallada (Parappar)	KRL	0.507	0.353	0.450	0.392	0.356	0.449	0.389	0.381	0.448	0.386	0.374	0.440	0.379	0.364	0.422	0.370
*52	Idamalayar	KRL	1.018	0.764	0.741	0.679	0.752	0.724	0.664	0.729	0.702	0.648	0.690	0.666	0.623	0.664	0.633	0.601
*53	Idukki	KRL	1.460	1.201	1.070	0.931	1.187	1.052	0.912	1.165	1.034	0.890	1.122	1.010	0.864	1.067	0.985	0.835
*54	Kakki	KRL	0.447	0.383	0.326	0.322	0.387	0.320	0.318	0.399	0.312	0.311	0.391	0.299	0.305	0.383	0.287	0.297
*55	Periyar	KRL	0.173	0.063	0.074	0.081	0.073	0.067	0.072	0.134	0.059	0.062	0.153	0.052	0.055	0.126	0.045	0.049
56	Malampuzha	KRL	0.224	0.140	0.157	0.114	0.128	0.140	0.100	0.123	0.128	0.090	0.109	0.112	0.078	0.092	0.098	0.068
*57	Gandhi Sagar	MP	6.827	5.230	6.388	3.807	5.166	6.162	3.573	5.093	5.956	3.448	5.019	5.956	3.331	4.681	5.606	3.342
58	Tawa	MP	1.944	1.321	1.573	1.140	1.219	1.498	1.045	1.142	1.419	0.956	1.062	1.339	0.863	0.974	1.245	0.763
*59	Bargi	MP	3.180	2.758	2.870	2.362	2.702	2.842	2.277	2.618	2.814	2.211	2.534	2.744	2.151	2.464	2.674	2.081
*60	Bansagar	MP	5.166	4.048	4.475	3.616	3.894	4.475	3.589	3.758	4.358	3.575	3.658	4.258	3.516	3.549	4.204	3.449
*61	Indira Sagar	MP	9.745	6.988	8.214	5.861	6.636	7.919	5.625	6.266	7.648	5.370	5.953	7.345	5.107	5.588	7.111	4.814
62	Barna Dam	MP	0.456	0.360	0.386	0.275	0.350	0.382	0.257	0.333	0.367	0.218	0.316	0.353	0.215	0.294	0.340	0.187
*63	Omkareswar	MP	0.299	0.257	0.238	0.024	0.243	0.230	0.023	0.245	0.230	0.023	0.219	0.221	0.022	0.221	0.175	0.017
64	Sanjay Sarovar	MP	0.508	0.220	0.338	0.204	0.199	0.308	0.182	0.181	0.282	0.163	0.160	0.265	0.146	0.152	0.248	0.131
65	Kolar Dam	MP	0.270	0.163	0.193	0.103	0.157	0.181	0.098	0.147	0.171	0.091	0.136	0.164	0.085	0.123	0.151	0.078

Contd...

**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*66	Minimata Bango	CHH	3.046	2.444	2.531	2.190	2.414	2.525	2.096	2.369	2.513	2.080	2.336	2.482	2.051	2.298	2.447	2.032
67	Mahanadi	CHH	0.767	0.729	0.680	0.610	0.714	0.674	0.622	0.675	0.652	0.592	0.645	0.648	0.567	0.630	0.643	0.566
68	Dudhawa	CHH	0.284	0.266	0.197	0.119	0.265	0.197	0.118	0.259	0.195	0.112	0.247	0.187	0.109	0.231	0.177	0.106
69	Tandula	CHH	0.312	0.157	0.158	0.195	0.156	0.158	0.199	0.156	0.195	0.195	0.156	0.194	0.192	0.155	0.187	0.189
70	Jayakwadi (Paithan)	MAH	2.171	1.940	2.008	1.002	1.897	1.982	0.917	1.853	1.964	0.889	1.814	1.927	0.857	1.782	1.866	0.820
*71	Koyana	MAH	2.652	2.396	2.317	2.088	2.344	2.306	2.044	2.289	2.272	1.999	2.239	2.213	2.017	2.201	2.175	1.967
72	Bhima (Ujjani)	MAH	1.517	1.517	1.517	0.981	1.517	1.517	0.959	1.517	1.494	1.018	1.418	1.401	0.949	1.300	1.338	0.904
73	Isapur	MAH	0.965	0.857	0.672	0.519	0.835	0.669	0.510	0.827	0.666	0.528	0.819	0.651	0.510	0.799	0.625	0.497
74	Mula	MAH	0.609	0.600	0.592	0.373	0.600	0.588	0.360	0.583	0.585	0.351	0.554	0.561	0.341	0.521	0.528	0.357
75	Yeldari	MAH	0.809	0.750	0.806	0.337	0.718	0.802	0.330	0.692	0.799	0.319	0.687	0.795	0.331	0.684	0.785	0.318
76	Girna	MAH	0.524	0.432	0.524	0.212	0.407	0.506	0.205	0.385	0.485	0.195	0.361	0.457	0.196	0.345	0.433	0.182
77	Khadakvasla	MAH	0.056	0.032	0.033	0.034	0.030	0.047	0.036	0.029	0.053	0.038	0.038	0.055	0.035	0.042	0.045	0.035
*78	Upper Vaitarna	MAH	0.331	0.319	0.291	0.271	0.317	0.276	0.276	0.312	0.265	0.269	0.306	0.253	0.263	0.301	0.241	0.256
79	Upper Tapi	MAH	0.255	0.206	0.255	0.212	0.202	0.250	0.212	0.199	0.244	0.203	0.186	0.233	0.199	0.176	0.228	0.191
*80	Pench (Totladoh)	MAH	1.091	0.893	0.967	0.558	0.881	0.968	0.526	0.875	0.959	0.523	0.854	0.943	0.509	0.826	0.923	0.492
81	Upper Wardha	MAH	0.564	0.449	0.469	0.374	0.437	0.457	0.358	0.415	0.450	0.344	0.397	0.442	0.332	0.391	0.420	0.314
82	Bhatsa	MAH	0.942	0.740	0.754	0.715	0.721	0.738	0.696	0.700	0.718	0.678	0.682	0.696	0.659	0.662	0.676	0.640
83	Dhom	MAH	0.331	0.262	0.265	0.215	0.266	0.263	0.216	0.270	0.262	0.209	0.267	0.258	0.206	0.257	0.244	0.183
84	Dudhganga	MAH	0.664	0.561	0.592	0.531	0.542	0.574	0.531	0.528	0.563	0.514	0.519	0.549	0.499	0.496	0.528	0.486
85	Manikdoh	MAH	0.288	0.130	0.238	0.120	0.130	0.216	0.125	0.129	0.193	0.120	0.128	0.168	0.115	0.112	0.149	0.102
86	Bhandarda	MAH	0.304	0.297	0.300	0.238	0.296	0.299	0.236	0.295	0.298	0.233	0.294	0.297	0.229	0.293	0.296	0.229
87	Urmodi	MAH	0.273	0.266	0.270	0.225	0.266	0.268	0.220	0.263	0.267	0.216	0.258	0.265	0.214	0.249	0.264	0.212

Contd...

**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
88	Bhatghar	MAH	0.673	0.650	0.648	0.510	0.649	0.625	0.491	0.647	0.625	0.471	0.644	0.573	0.449	0.614	0.536	0.423
89	NiraDeoghar	MAH	0.332	0.297	0.329	0.237	0.285	0.328	0.229	0.269	0.328	0.218	0.254	0.326	0.208	0.240	0.314	0.196
*90	Thokarwadi	MAH	0.353	0.206	0.307	0.228	0.202	0.301	0.223	0.195	0.292	0.215	0.191	0.284	0.208	0.186	0.276	0.202
91	Kanher	MAH	0.272	0.197	0.241	0.201	0.193	0.230	0.194	0.191	0.217	0.185	0.186	0.203	0.177	0.183	0.188	0.170
*92	Mulshi	MAH	0.572	0.377	0.343	0.336	0.365	0.332	0.324	0.348	0.324	0.305	0.325	0.314	0.290	0.313	0.303	0.274
93	Surya	MAH	0.276	0.249	0.239	0.242	0.242	0.239	0.240	0.232	0.239	0.232	0.227	0.239	0.227	0.217	0.235	0.222
94	Tillari	MAH	0.447	0.358	0.420	0.365	0.347	0.420	0.357	0.337	0.397	0.346	0.328	0.397	0.338	0.328	0.387	0.324
*95	Doyang Hep	NAG	0.535	0.370	0.292	0.280	0.365	0.273	0.273	0.364	0.273	0.267	0.359	0.260	0.259	0.353	0.248	0.251
*96	Hirakud	ODI	5.378	3.961	4.491	4.516	3.810	4.410	4.183	3.641	4.320	4.064	3.499	4.184	4.006	3.371	4.095	3.859
*97	Balimela	ODI	2.676	1.662	2.164	1.833	1.630	2.119	1.774	1.572	2.074	1.910	1.549	2.022	1.828	1.513	1.947	1.699
98	Salanadi	ODI	0.558	0.220	0.335	0.219	0.220	0.334	0.236	0.215	0.332	0.214	0.215	0.330	0.212	0.215	0.329	0.227
*99	Rengali	ODI	3.432	1.742	3.200	2.522	1.862	3.196	2.512	1.791	3.174	2.437	1.727	3.136	2.699	1.664	3.066	2.189
*100	Machkund (Jalaput)	ODI	0.893	0.752	0.746	0.737	0.737	0.739	0.743	0.711	0.707	0.714	0.697	0.694	0.714	0.681	0.678	0.680
*101	Upper Kolab	ODI	0.935	0.428	0.791	0.675	0.412	0.774	0.632	0.392	0.753	0.653	0.370	0.733	0.623	0.347	0.711	0.587
*102	Upper Indravati	ODI	1.456	1.030	1.246	1.039	1.026	1.223	1.019	1.009	1.203	1.010	0.974	1.173	0.958	0.939	1.145	0.961
103	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
104	Hariharjhor	ODI	0.059	0.048	0.052	0.036	0.047	0.052	0.034	0.045	0.053	0.034	0.042	0.053	0.033	0.039	0.052	0.031
*105	Thein Dam	PUN	2.344	0.469	1.446	1.086	0.431	1.416	1.026	0.374	1.386	0.970	0.355	1.318	0.943	0.374	1.263	0.953
*106	Mahi Bajaj Sagar	RAJ	1.711	1.312	1.418	1.207	1.265	1.371	1.158	1.202	1.312	1.112	1.141	1.258	1.052	1.086	1.197	1.002
107	Jhakam	RAJ	0.132	0.085	0.091	0.079	0.082	0.091	0.077	0.077	0.084	0.071	0.070	0.076	0.066	0.061	0.069	0.059
*108	Rana Pratap Sagar	RAJ	1.436	0.521	0.507	0.552	0.496	0.573	0.553	0.499	0.484	0.525	0.435	0.545	0.520	0.592	0.540	0.511
109	Bisalpur	RAJ	1.076	0.534	0.978	0.599	0.524	0.992	0.587	0.514	0.975	0.573	0.503	0.961	0.561	0.494	0.948	0.551

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 07.01.2021			As per Bulleting dated 14.01.2021			As per Bulleting dated 21.01.2021			As per Bulleting dated 28.01.2021			As per Bulleting dated 04.02.2021			
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
110	Lower Bhawani	TN	0.792	0.703	0.792	0.394	0.738	0.792	0.378	0.767	0.792	0.357	0.780	0.792	0.339	0.754	0.792	0.329	
*111	Mettur (Stanley)	TN	2.647	2.022	2.447	1.292	2.036	2.303	1.200	2.057	2.180	1.095	2.061	2.123	1.028	2.049	2.103	1.005	
112	Vaigai	TN	0.172	0.104	0.098	0.073	0.114	0.086	0.066	0.167	0.083	0.066	0.161	0.073	0.059	0.158	0.067	0.054	
113	Parambikulam	TN	0.380	0.343	0.350	0.241	0.334	0.349	0.234	0.324	0.352	0.225	0.312	0.351	0.214	0.301	0.334	0.202	
114	Aliyar	TN	0.095	0.072	0.069	0.057	0.073	0.061	0.051	0.090	0.052	0.046	0.084	0.043	0.040	0.075	0.035	0.035	
*115	Sholayar	TN	0.143	0.030	0.067	0.045	0.023	0.049	0.037	0.017	0.028	0.028	0.011	0.007	0.020	0.005	0.008	0.015	
116	Gumti	TRP	0.312	0.270	0.122	0.135	0.263	0.116	0.129	0.258	0.112	0.123	0.251	0.111	0.107	0.245	0.102	0.101	
117	Matatila	UP	0.707	0.121	0.370	0.318	0.115	0.258	0.297	0.122	0.258	0.276	0.110	0.260	0.274	0.127	0.219	0.272	
*118	Rihand	UP	5.649	3.172	3.007	2.615	3.030	2.865	2.487	2.924	2.746	2.339	2.817	2.614	2.255	2.711	2.445	2.154	
119	Sharda Sagar	UP	0.330	0.241	0.330	0.215	0.241	0.330	0.221	0.281	0.330	0.222	0.315	0.330	0.219	0.314	0.330	0.217	
120	Sirsri	UP	0.190	0.066	0.153	0.081	0.064	0.151	0.077	0.060	0.146	0.075	0.057	0.146	0.072	0.046	0.137	0.069	
121	Maudaha	UP	0.179	0.053	0.114	0.084	0.053	0.114	0.081	0.049	0.114	0.078	0.048	0.114	0.076	0.044	0.111	0.073	
122	Jirgo	UP	0.147	0.068	0.109	0.067	0.067	0.108	0.065	0.066	0.103	0.063	0.065	0.098	0.062	0.064	0.097	0.061	
123	Rangawan	UP	0.155	0.030	0.117	0.051	0.025	0.114	0.047	0.018	0.111	0.042	0.011	0.111	0.038	0.009	0.107	0.035	
124	Meja	UP	0.299	0.125	0.004	0.121	0.099	0.004	0.115	0.092	0.004	0.108	0.084	0.003	0.103	0.082	0.002	0.097	
*125	Ramganga	UKH	2.196	1.529	1.461	1.579	1.461	1.440	1.401	1.393	1.430	1.390	1.329	1.438	1.306	1.251	1.457	1.271	
*126	Tehri	UKH	2.615	1.675	1.840	1.787	1.585	1.749	1.693	1.500	1.667	1.607	1.398	1.570	1.519	1.283	1.471	1.428	
127	Mayurakshi	WB	0.480	0.287	0.366	0.216	0.285	0.367	0.243	0.283	0.366	0.212	0.280	0.365	0.178	0.275	0.364	0.209	
128	Kangsabati	WB	0.914	0.447	0.712	0.448	0.444	0.713	0.493	0.424	0.713	0.432	0.386	0.638	0.441	0.385	0.632	0.413	
<b>Reservoirs</b>				172.132	119.644	132.007	99.393	117.086	128.839	95.811	113.127	125.015	92.860	109.245	120.964	89.390	105.239	116.566	85.573
<b>Percentage</b>				69.507	76.689	57.742	68.021	74.849	55.661	65.721	72.627	53.947	63.466	70.274	51.931	61.139	67.719	49.714	

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1	Srisailam	AP/TG	8.288	3.412	3.628	2.493	3.145	3.412	2.311	2.831	2.845	2.070	2.522	1.985	1.860
*2	Nagarjuna Sagar	AP/TG	5.108	2.689	2.144	1.317	2.483	1.996	1.224	2.319	2.057	1.164	2.218	2.375	1.108
3	Somasila	AP	1.994	1.994	1.637	1.049	1.990	1.570	0.987	1.949	1.508	0.929	1.909	1.440	0.876
4	Yeleru	AP	0.508	0.380	0.353	0.239	0.358	0.335	0.228	0.336	0.318	0.216	0.312	0.294	0.203
5	Kandaleru	AP	1.792	1.442	0.914	0.563	1.423	0.875	0.536	1.406	0.835	0.461	1.382	0.791	0.486
6	Sriramsagar	TG	2.300	1.709	1.789	1.100	1.572	1.693	1.046	1.484	1.564	0.945	1.400	1.423	0.867
7	Lower Manair	TG	0.621	0.621	0.235	0.316	0.621	0.290	0.310	0.614	0.309	0.300	0.582	0.332	0.288
8	Nizam Sagar	TG	0.482	0.359	0.095	0.160	0.331	0.091	0.153	0.322	0.075	0.123	0.306	0.052	0.123
9	Singur	TG	0.822	0.666	0.015	0.335	0.655	0.014	0.327	0.635	0.013	0.307	0.619	0.011	0.309
10	Tenughat	JHA	0.821	0.398	0.419	0.381	0.396	0.417	0.381	0.389	0.414	0.375	0.384	0.415	0.363
11	Maithon	JHA	0.471	0.471	0.471	0.362	0.471	0.471	0.371	0.471	0.471	0.345	0.471	0.471	0.336
*12	Panchet Hill	JHA\$	0.184	0.184	0.184	0.142	0.184	0.184	0.142	0.174	0.184	0.137	0.169	0.184	0.132
13	Konar	JHA\$	0.176	0.140	0.160	0.124	0.138	0.159	0.122	0.135	0.153	0.116	0.131	0.147	0.112
14	Tilaiya	JHA\$	0.142	0.044	0.085	0.056	0.044	0.073	0.057	0.041	0.057	0.049	0.034	0.042	0.046
*15	Getalsud	JHA	0.218	0.088	0.102	0.101	0.085	0.098	0.099	0.082	0.098	0.098	0.081	0.098	0.096
*16	Ukai	GUJ	6.615	5.230	5.579	3.874	5.084	5.395	3.759	4.979	5.288	3.626	4.783	5.143	3.455
17	Sabarmati (Dharoi)	GUJ	0.735	0.431	0.492	0.315	0.409	0.470	0.297	0.387	0.443	0.275	0.362	0.414	0.250
*18	Kadana	GUJ	1.472	0.896	0.928	0.852	0.867	0.897	0.833	0.854	0.861	0.814	0.822	0.824	0.798
19	Shetrunji	GUJ	0.300	0.242	0.206	0.139	0.235	0.196	0.133	0.228	0.190	0.126	0.215	0.185	0.116
20	Bhadar	GUJ	0.188	0.123	0.137	0.064	0.116	0.133	0.061	0.109	0.124	0.057	0.103	0.116	0.054
21	Damanganga	GUJ	0.502	0.321	0.330	0.311	0.302	0.317	0.299	0.291	0.305	0.285	0.276	0.295	0.269

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
22	Dantiwada	GUJ	0.399	0.088	0.023	0.065	0.078	0.014	0.059	0.068	0.013	0.052	0.053	0.013	0.048
23	Panam	GUJ	0.697	0.324	0.445	0.414	0.312	0.436	0.405	0.303	0.424	0.393	0.295	0.413	0.385
*24	Sardar Sarovar	GUJ	5.760	4.034	2.702	1.101	3.861	2.353	1.014	3.553	2.028	0.932	3.383	1.937	0.880
25	Karjan	GUJ	0.523	0.398	0.335	0.338	0.389	0.334	0.330	0.382	0.332	0.321	0.371	0.324	0.312
26	Sukhi(Guj)	GUJ	0.167	0.140	0.128	0.097	0.124	0.122	0.093	0.119	0.117	0.081	0.113	0.111	0.055
27	Watrak	GUJ	0.154	0.071	0.107	0.050	0.066	0.102	0.046	0.064	0.099	0.058	0.060	0.095	0.054
28	Hathmati	GUJ	0.153	0.093	0.097	0.046	0.071	0.073	0.036	0.066	0.072	0.029	0.062	0.067	0.024
29	Machchhu-I	GUJ	0.071	0.034	0.045	0.024	0.030	0.042	0.027	0.028	0.039	0.022	0.025	0.036	0.019
30	Machchhu-II	GUJ	0.091	0.059	0.071	0.056	0.060	0.070	0.055	0.062	0.069	0.042	0.059	0.070	0.036
31	Und-I	GUJ	0.066	0.045	0.048	0.036	0.044	0.045	0.033	0.043	0.045	0.025	0.041	0.041	0.019
32	Brahmani(Guj)	GUJ	0.071	0.034	0.039	0.016	0.033	0.039	0.015	0.032	0.037	0.014	0.031	0.036	0.012
*33	Gobind Sagar (Bhakra)	HP	6.229	1.918	3.206	3.069	1.760	2.979	2.902	1.612	2.796	2.723	1.448	2.583	2.548
*34	Pong Dam (Beas)	HP	6.157	2.012	4.078	2.712	1.832	4.026	2.476	1.625	3.875	2.341	1.384	3.815	2.229
*35	Kol Dam	HP	0.089	0.051	0.079	0.061	0.041	0.074	0.061	0.033	0.075	0.062	0.022	0.082	0.057
36	Krishnaraja Sagara	KAR	1.163	0.914	0.955	0.609	0.836	0.914	0.563	0.768	0.860	0.520	0.739	0.802	0.489
*37	Tungabhadra	KAR	3.276	1.110	1.202	0.769	1.006	1.043	0.679	0.880	0.890	0.590	0.759	0.750	0.506
38	Ghataprabha (Hidkal)	KAR	1.391	0.800	0.892	0.490	0.742	0.869	0.441	0.734	0.826	0.384	0.726	0.752	0.350
39	Bhadra	KAR	1.785	1.280	1.390	1.139	1.223	1.326	1.117	1.185	1.271	1.021	1.107	1.188	0.943
40	Linganamakki	KAR	4.294	2.893	2.911	2.260	2.800	2.800	2.150	2.723	2.665	2.033	2.638	2.520	1.974
41	Narayanpur	KAR@	0.863	0.607	0.618	0.548	0.598	0.615	0.515	0.589	0.611	0.483	0.619	0.653	0.447
42	Malaprabha (Renuka)	KAR	0.972	0.428	0.517	0.187	0.386	0.498	0.183	0.367	0.471	0.163	0.349	0.438	0.155
43	Kabini	KAR	0.444	0.241	0.347	0.199	0.235	0.347	0.191	0.226	0.347	0.182	0.208	0.313	0.165

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
44	Hemavathy	KAR	0.927	0.346	0.502	0.230	0.343	0.500	0.221	0.345	0.489	0.210	0.331	0.481	0.198
45	Harangi	KAR	0.220	0.071	0.088	0.046	0.071	0.089	0.045	0.072	0.088	0.044	0.072	0.088	0.042
46	Supa	KAR	4.120	2.826	3.040	2.240	2.759	2.962	2.180	2.691	2.834	2.095	2.615	2.676	2.020
47	Vani Vilas Sagar	KAR	0.802	0.335	0.291	0.135	0.333	0.291	0.133	0.331	0.284	0.131	0.344	0.283	0.130
*48	Almatti	KAR@	3.105	1.618	1.711	0.928	1.392	1.466	0.817	1.360	1.406	0.747	1.159	1.161	0.657
*49	Gerusoppa	KAR	0.130	0.096	0.117	0.116	0.099	0.110	0.114	0.115	0.112	0.103	0.098	0.115	0.109
*50	Mani Dam	KAR	0.884	0.411	0.420	0.410	0.391	0.392	0.393	0.376	0.370	0.371	0.348	0.336	0.353
51	Tattihalla	KAR	0.249	0.001	0.000	0.044	0.001	0.000	0.043	0.001	0.000	0.040	0.001	0.000	0.038
52	Kallada (Parappar)	KRL	0.507	0.352	0.409	0.360	0.331	0.398	0.350	0.311	0.379	0.337	0.289	0.361	0.320
*53	Idamalayar	KRL	1.018	0.637	0.597	0.578	0.607	0.564	0.554	0.579	0.533	0.526	0.549	0.516	0.500
*54	Idukki	KRL	1.460	1.029	0.962	0.808	0.993	0.937	0.779	0.931	0.918	0.746	0.874	0.891	0.714
*55	Kakki	KRL	0.447	0.373	0.279	0.291	0.361	0.268	0.284	0.352	0.259	0.276	0.342	0.247	0.266
*56	Periyar	KRL	0.173	0.119	0.041	0.045	0.113	0.039	0.041	0.112	0.038	0.037	0.109	0.037	0.034
57	Malampuzha	KRL	0.224	0.081	0.084	0.059	0.067	0.070	0.052	0.055	0.057	0.049	0.047	0.046	0.047
*58	Gandhi Sagar	MP	6.827	4.410	5.302	3.219	4.323	5.289	3.252	4.248	4.963	2.999	4.133	4.942	2.798
59	Tawa	MP	1.944	0.884	1.167	0.677	0.833	1.087	0.614	0.812	1.000	0.555	0.802	0.916	0.511
*60	Bargi	MP	3.180	2.352	2.618	2.006	2.282	2.548	1.936	2.212	2.450	1.862	2.159	2.366	1.796
*61	Bansagar	MP	5.166	3.431	4.108	3.383	3.303	4.044	3.327	3.193	3.958	3.264	3.067	3.890	3.193
*62	Indira Sagar	MP	9.745	5.218	6.988	4.623	4.938	6.763	4.431	4.836	6.636	4.207	4.595	6.283	4.042
63	Barna Dam	MP	0.456	0.280	0.327	0.169	0.268	0.309	0.153	0.255	0.293	0.133	0.243	0.275	0.119
*64	Omkareswar	MP	0.299	0.224	0.157	0.016	0.182	0.213	0.021	0.138	0.126	0.013	0.137	0.124	0.012
65	Sanjay Sarovar	MP	0.508	0.129	0.248	0.114	0.114	0.231	0.096	0.111	0.210	0.079	0.090	0.196	0.067

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
66	Kolar Dam	MP	0.270	0.121	0.140	0.072	0.120	0.131	0.069	0.119	0.129	0.067	0.117	0.128	0.066
*67	Minimata Bango	CHH	3.046	2.262	2.430	1.962	2.227	2.414	2.006	2.193	2.392	1.990	2.163	2.369	1.982
68	Mahanadi	CHH	0.767	0.620	0.644	0.522	0.618	0.642	0.528	0.616	0.623	0.529	0.596	0.603	0.484
69	Dudhawa	CHH	0.284	0.210	0.168	0.101	0.190	0.166	0.095	0.167	0.166	0.093	0.157	0.160	0.091
70	Tandula	CHH	0.312	0.154	0.188	0.186	0.153	0.187	0.184	0.152	0.187	0.181	0.152	0.178	0.183
71	Jayakwadi (Paithan)	MAH	2.171	1.737	1.811	0.785	1.693	1.773	0.752	1.650	1.752	0.709	1.609	1.695	0.669
*72	Koyana	MAH	2.652	2.163	2.142	1.845	2.099	2.085	1.842	2.051	2.041	1.783	1.984	1.992	1.710
73	Bhima (Ujjani)	MAH	1.517	1.214	1.311	0.854	1.136	1.168	0.791	1.066	1.144	0.747	1.027	1.024	0.612
74	Isapur	MAH	0.965	0.775	0.610	0.485	0.758	0.607	0.465	0.739	0.605	0.446	0.716	0.592	0.409
75	Mula	MAH	0.609	0.491	0.490	0.319	0.470	0.469	0.305	0.464	0.462	0.290	0.462	0.457	0.273
76	Yeldari	MAH	0.809	0.680	0.757	0.301	0.677	0.729	0.290	0.666	0.698	0.280	0.631	0.684	0.252
77	Girna	MAH	0.524	0.320	0.416	0.175	0.294	0.391	0.153	0.271	0.365	0.160	0.266	0.336	0.136
78	Khadakvasla	MAH	0.056	0.039	0.038	0.035	0.034	0.036	0.034	0.028	0.033	0.032	0.027	0.021	0.032
*79	Upper Vaitarna	MAH	0.331	0.295	0.229	0.249	0.290	0.217	0.242	0.281	0.206	0.235	0.264	0.194	0.216
80	Upper Tapi	MAH	0.255	0.173	0.225	0.186	0.167	0.221	0.180	0.152	0.198	0.170	0.148	0.186	0.158
*81	Pench (Totladoh)	MAH	1.091	0.813	0.915	0.472	0.806	0.904	0.454	0.800	0.896	0.438	0.794	0.889	0.403
82	Upper Wardha	MAH	0.564	0.370	0.409	0.298	0.353	0.402	0.283	0.348	0.380	0.266	0.331	0.361	0.253
83	Bhatsa	MAH	0.942	0.643	0.656	0.621	0.621	0.638	0.603	0.603	0.619	0.598	0.581	0.595	0.558
84	Dhom	MAH	0.331	0.249	0.239	0.169	0.242	0.233	0.161	0.240	0.229	0.154	0.241	0.230	0.160
85	Dudhganga	MAH	0.664	0.476	0.520	0.449	0.448	0.502	0.427	0.437	0.467	0.418	0.411	0.447	0.387
86	Manikdoh	MAH	0.288	0.090	0.138	0.101	0.069	0.137	0.096	0.050	0.136	0.089	0.037	0.134	0.081
87	Bhandardara	MAH	0.304	0.292	0.295	0.222	0.285	0.292	0.215	0.271	0.280	0.204	0.256	0.280	0.183

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Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
88	Urmodi	MAH	0.273	0.245	0.262	0.210	0.243	0.257	0.207	0.241	0.248	0.203	0.238	0.239	0.198
89	Bhatghar	MAH	0.673	0.574	0.517	0.396	0.542	0.517	0.372	0.517	0.477	0.353	0.506	0.474	0.347
90	NiraDeoghar	MAH	0.332	0.222	0.300	0.186	0.219	0.286	0.177	0.219	0.271	0.169	0.218	0.256	0.160
*91	Thokarwadi	MAH	0.353	0.181	0.269	0.193	0.174	0.258	0.189	0.168	0.251	0.183	0.162	0.243	0.177
92	Kanher	MAH	0.272	0.178	0.177	0.161	0.170	0.174	0.152	0.158	0.173	0.145	0.150	0.171	0.138
*93	Mulshi	MAH	0.572	0.296	0.289	0.257	0.275	0.273	0.246	0.252	0.261	0.233	0.226	0.245	0.219
94	Surya	MAH	0.276	0.207	0.226	0.214	0.197	0.216	0.206	0.185	0.161	0.194	0.175	0.197	0.188
95	Tillari	MAH	0.447	0.323	0.378	0.316	0.318	0.378	0.312	0.311	0.358	0.303	0.304	0.348	0.295
*96	Doyang Hep	NAG	0.535	0.349	0.248	0.245	0.344	0.240	0.238	0.337	0.228	0.232	0.329	0.329	0.238
*97	Hirakud	ODI	5.378	3.193	4.025	3.644	3.043	3.916	3.596	2.918	3.803	3.408	2.741	3.735	3.227
*98	Balimela	ODI	2.676	1.462	1.880	1.656	1.391	1.830	1.697	1.294	1.822	1.683	1.202	1.682	1.609
99	Salanadi	ODI	0.558	0.215	0.329	0.207	0.215	0.328	0.204	0.215	0.327	0.203	0.215	0.324	0.201
*100	Rengali	ODI	3.432	1.597	2.990	2.152	1.531	2.889	2.262	1.469	2.809	2.220	1.920	2.754	2.125
*101	Machkund (Jalaput)	ODI	0.893	0.668	0.660	0.668	0.639	0.639	0.643	0.613	0.626	0.640	0.584	0.597	0.604
*102	Upper Kolab	ODI	0.935	0.322	0.685	0.573	0.298	0.649	0.574	0.273	0.633	0.558	0.255	0.609	0.537
*103	Upper Indravati	ODI	1.456	0.902	1.112	0.938	0.879	1.057	0.905	0.845	1.032	0.880	0.809	0.989	0.847
104	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
105	Hariharjhor	ODI	0.059	0.037	0.052	0.030	0.034	0.052	0.029	0.032	0.051	0.028	0.030	0.050	0.022
106	Mandira Dam	ODI	0.309	0.287	0.295	0.293	0.287	0.295	0.292	0.282	0.292	0.291	0.276	0.289	0.290
*107	Thein Dam	PUN	2.344	0.331	1.172	0.888	0.412	1.061	0.888	0.431	0.988	0.879	0.450	0.866	0.881
*108	Mahi Bajaj Sagar	RAJ	1.711	1.030	1.145	0.950	0.970	1.091	0.897	0.908	1.038	0.846	0.850	0.975	0.794
109	Jhakam	RAJ	0.132	0.055	0.065	0.054	0.052	0.060	0.050	0.046	0.052	0.044	0.039	0.044	0.038

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.02.2021			As per Bulleting dated 18.02.2021			As per Bulleting dated 25.02.2021			As per Bulleting dated 04.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*110	Rana Pratap Sagar	RAJ	1.436	0.648	0.600	0.499	0.577	0.592	0.482	0.409	0.619	0.468	0.405	0.483	0.425
111	Bisalpur	RAJ	1.076	0.486	0.934	0.540	0.477	0.914	0.527	0.469	0.895	0.515	0.461	0.871	0.504
112	Lower Bhawani	TN	0.792	0.723	0.792	0.307	0.723	0.779	0.290	0.733	0.758	0.285	0.705	0.716	0.261
*113	Mettur (Stanley)	TN	2.647	2.023	2.078	0.983	1.993	2.057	0.964	1.966	2.041	0.950	1.937	2.031	0.933
114	Vaigai	TN	0.172	0.153	0.057	0.050	0.147	0.055	0.045	0.139	0.054	0.040	0.124	0.052	0.037
115	Parambikulam	TN#	0.380	0.293	0.324	0.192	0.286	0.310	0.181	0.275	0.293	0.169	0.265	0.273	0.156
116	Aliyar	TN#	0.095	0.066	0.028	0.032	0.060	0.020	0.030	0.052	0.011	0.028	0.052	0.006	0.027
*117	Sholayar	TN#	0.143	0.000	0.004	0.012	0.000	0.001	0.008	0.000	0.000	0.006	0.000	0.000	0.007
118	Gumti	TRP	0.312	0.240	0.097	0.104	0.232	0.094	0.099	0.228	0.088	0.092	0.220	0.081	0.085
119	Matatila	UP	0.707	0.136	0.178	0.261	0.158	0.162	0.252	0.182	0.132	0.231	0.186	0.101	0.207
*120	Rihand	UP	5.649	2.602	2.300	2.070	2.505	2.215	2.002	2.324	2.096	1.948	2.251	1.936	1.806
121	Sharda Sagar	UP	0.330	0.265	0.330	0.214	0.201	0.304	0.216	0.139	0.180	0.170	0.149	0.237	0.161
122	Sirsi	UP	0.190	0.037	0.140	0.065	0.035	0.136	0.061	0.031	0.133	0.058	0.023	0.140	0.056
123	Maudaha	UP	0.179	0.040	0.104	0.069	0.035	0.098	0.066	0.035	0.093	0.064	0.032	0.085	0.062
124	Jirgo	UP	0.147	0.062	0.096	0.060	0.056	0.094	0.058	0.055	0.087	0.056	0.053	0.086	0.056
125	Rangawan	UP	0.155	0.009	0.107	0.033	0.007	0.107	0.032	0.007	0.066	0.026	0.007	0.066	0.026
*127	Ramganga	UKH	2.196	1.176	1.441	1.239	1.103	1.378	1.190	1.019	1.333	1.149	0.944	1.266	1.268
*128	Tehri	UKH	2.615	1.156	1.365	1.335	1.013	1.260	1.252	0.870	1.158	1.167	0.739	1.042	1.054
129	Mayurakshi	WB	0.480	0.246	0.333	0.198	0.226	0.305	0.199	0.210	0.296	0.186	0.206	0.294	0.178
130	Kangsabati	WB	0.914	0.384	0.632	0.398	0.372	0.632	0.386	0.317	0.561	0.370	0.316	0.527	0.358
<b>Reservoirs</b>			<b>174.233</b>	<b>102.330</b>	<b>113.389</b>	<b>82.475</b>	<b>97.807</b>	<b>109.108</b>	<b>79.648</b>	<b>93.536</b>	<b>104.288</b>	<b>75.755</b>	<b>89.754</b>	<b>99.577</b>	<b>72.015</b>
<b>Percentage</b>			<b>58.732</b>	<b>65.079</b>	<b>47.336</b>	<b>56.136</b>	<b>62.622</b>	<b>45.713</b>	<b>53.684</b>	<b>59.855</b>	<b>43.479</b>	<b>51.514</b>	<b>57.152</b>	<b>41.333</b>	

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.03.2021			As per Bulleting dated 18.03.2021			As per Bulleting dated 25.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*1	Srisailam	AP/TG	8.288	2.226	1.566	1.646	1.812	1.434	1.468	1.420	1.372	1.271
*2	Nagarjuna Sagar	AP/TG	5.108	2.082	2.464	1.074	2.051	2.319	0.994	2.069	2.070	0.937
3	Somasila	AP	1.994	1.860	1.400	0.835	1.812	1.367	0.796	1.758	1.340	0.766
4	Yeleru	AP	0.508	0.288	0.274	0.190	0.264	0.255	0.151	0.240	0.234	0.163
5	Kandaleru	AP	1.792	1.352	0.747	0.466	1.319	0.704	0.451	1.286	0.668	0.438
6	Sriramsagar	TG	2.300	1.308	1.287	0.789	1.181	1.209	0.717	1.028	1.110	0.640
7	Lower Manair	TG	0.621	0.544	0.297	0.264	0.517	0.226	0.251	0.476	0.249	0.239
8	Nizam Sagar	TG	0.482	0.270	0.051	0.112	0.255	0.050	0.095	0.228	0.031	0.076
9	Singur	TG	0.822	0.596	0.010	0.301	0.582	0.009	0.293	0.557	0.007	0.322
10	Tenughat	JHA	0.821	0.378	0.422	0.360	0.372	0.471	0.360	0.366	0.459	0.355
11	Maithon	JHA	0.471	0.471	0.471	0.325	0.441	0.471	0.315	0.429	0.471	0.258
*12	Panchet Hill	JHA\$	0.184	0.168	0.184	0.131	0.159	0.184	0.127	0.158	0.184	0.120
13	Konar	JHA\$	0.176	0.126	0.142	0.109	0.123	0.164	0.108	0.120	0.157	0.103
14	Tilaiya	JHA\$	0.142	0.030	0.038	0.044	0.029	0.045	0.043	0.028	0.045	0.041
*15	Getalsud	JHA	0.218	0.080	0.098	0.095	0.078	0.098	0.093	0.076	0.098	0.091
*16	Ukai	GUJ	6.615	4.560	5.037	3.315	4.385	4.860	3.168	4.227	4.674	3.044
17	Sabarmati (Dharoi)	GUJ	0.735	0.336	0.389	0.229	0.315	0.363	0.211	0.302	0.351	0.201
*18	Kadana	GUJ	1.472	0.792	0.794	0.790	0.769	0.762	0.789	0.762	0.746	0.792
19	Shetrunjji	GUJ	0.300	0.193	0.171	0.107	0.185	0.150	0.094	0.171	0.136	0.107
20	Bhadar	GUJ	0.188	0.098	0.111	0.051	0.095	0.102	0.049	0.092	0.099	0.047
21	Damanganga	GUJ	0.502	0.263	0.280	0.254	0.246	0.259	0.236	0.225	0.244	0.220
22	Dantiwada	GUJ	0.399	0.042	0.013	0.045	0.036	0.013	0.041	0.036	0.013	0.038
23	Panam	GUJ	0.697	0.287	0.400	0.376	0.276	0.390	0.366	0.267	0.380	0.357
*24	Sardar Sarovar	GUJ	5.760	3.094	1.847	0.869	2.764	1.763	0.830	2.539	1.638	0.819
25	Karjan	GUJ	0.523	0.360	0.314	0.300	0.350	0.306	0.293	0.340	0.296	0.284
26	Sukhi(Guj)	GUJ	0.167	0.108	0.105	0.055	0.110	0.103	0.056	0.105	0.092	0.041
27	Watrak	GUJ	0.154	0.057	0.093	0.046	0.054	0.091	0.034	0.052	0.087	0.044
28	Hathmati	GUJ	0.153	0.059	0.063	0.018	0.058	0.062	0.020	0.057	0.062	0.019

Contd...

**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.03.2021			As per Bulleting dated 18.03.2021			As per Bulleting dated 25.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
29	Machchhu-I	GUJ	0.071	0.023	0.033	0.020	0.020	0.030	0.016	0.019	0.027	0.015
30	Machchhu-li	GUJ	0.091	0.058	0.071	0.043	0.056	0.070	0.041	0.055	0.069	0.036
31	Und-I	GUJ	0.066	0.038	0.039	0.016	0.035	0.039	0.020	0.033	0.039	0.017
32	Brahmani(Guj)	GUJ	0.071	0.029	0.034	0.011	0.029	0.034	0.012	0.028	0.034	0.012
*33	Gobind Sagar (Bhakra)	HP	6.229	1.285	2.514	2.411	1.157	2.517	2.208	1.257	2.409	2.370
*34	Pong Dam (Beas)	HP	6.157	1.215	3.651	2.183	1.053	3.835	2.059	1.087	3.637	1.973
*35	Kol Dam	HP	0.089	0.017	0.082	0.054	0.013	0.080	0.051	0.012	0.081	0.048
36	Krishnaraja Sagara	KAR	1.163	0.728	0.792	0.464	0.657	0.756	0.429	0.586	0.700	0.385
*37	Tungabhadra	KAR	3.276	0.652	0.623	0.431	0.533	0.500	0.359	0.400	0.369	0.279
38	Ghataprabha (Hidkal)	KAR	1.391	0.707	0.689	0.327	0.595	0.659	0.295	0.477	0.635	0.276
39	Bhadra	KAR	1.785	1.051	1.129	0.895	0.993	1.067	0.838	0.901	1.022	0.782
40	Linganamakki	KAR	4.294	2.547	2.382	1.813	2.453	2.244	1.691	2.357	2.140	1.573
41	Narayanpur	KAR@	0.863	0.596	0.600	0.411	0.575	0.598	0.361	0.464	0.428	0.319
42	Malaprabha (Renuka)	KAR	0.972	0.325	0.392	0.128	0.303	0.372	0.116	0.269	0.366	0.109
43	Kabini	KAR	0.444	0.190	0.286	0.149	0.177	0.274	0.142	0.164	0.265	0.126
44	Hemavathy	KAR	0.927	0.327	0.477	0.189	0.320	0.473	0.181	0.313	0.470	0.172
45	Harangi	KAR	0.220	0.072	0.088	0.043	0.072	0.088	0.043	0.071	0.085	0.042
46	Supa	KAR	4.120	2.520	2.526	1.933	2.416	2.369	1.845	2.318	2.230	1.748
47	Vani Vilas Sagar	KAR	0.802	0.328	0.275	0.127	0.319	0.263	0.123	0.307	0.259	0.119
*48	Almatti	KAR@	3.105	0.936	0.986	0.571	0.889	0.942	0.531	0.855	0.934	0.476
*49	Gerusoppa	KAR	0.130	0.095	0.108	0.104	0.078	0.108	0.105	0.082	0.118	0.098
*50	Mani Dam	KAR	0.884	0.320	0.313	0.332	0.291	0.289	0.310	0.241	0.273	0.286
51	Tattihalla	KAR	0.249	0.001	0.000	0.037	0.001	0.000	0.030	0.001	0.000	0.029
52	Kallada (Parappar)	KRL	0.507	0.272	0.344	0.303	0.252	0.325	0.286	0.237	0.309	0.269
*53	Idamalayar	KRL	1.018	0.523	0.496	0.472	0.493	0.471	0.442	0.467	0.445	0.413
*54	Idukki	KRL	1.460	0.818	0.868	0.683	0.771	0.841	0.650	0.725	0.818	0.615
*55	Kakki	KRL	0.447	0.334	0.237	0.255	0.322	0.227	0.240	0.312	0.217	0.224
*56	Periyar	KRL	0.173	0.107	0.037	0.032	0.111	0.035	0.032	0.107	0.034	0.030

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.03.2021			As per Bulleting dated 18.03.2021			As per Bulleting dated 25.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
57	Malampuzha	KRL	0.224	0.047	0.046	0.045	0.047	0.046	0.046	0.046	0.045	0.043
*58	Gandhi Sagar	MP	6.827	3.768	4.650	2.683	3.601	4.528	2.664	3.523	4.333	2.560
59	Tawa	MP	1.944	0.799	0.880	0.489	0.796	0.873	0.483	0.791	0.873	0.479
*60	Bargi	MP	3.180	2.082	2.282	1.733	2.038	2.212	1.656	2.005	2.212	1.587
*61	Bansagar	MP	5.166	2.885	3.826	2.946	2.735	3.817	3.164	2.636	3.822	3.070
*62	Indira Sagar	MP	9.745	4.393	5.913	3.747	4.231	5.464	3.422	4.173	5.223	3.393
63	Barna Dam	MP	0.456	0.232	0.262	0.120	0.221	0.248	0.106	0.216	0.246	0.099
*64	Omkarshwar	MP	0.299	0.107	0.168	0.017	0.195	0.175	0.017	0.108	0.171	0.017
65	Sanjay Sarovar	MP	0.508	0.073	0.196	0.061	0.060	0.196	0.055	0.066	0.165	0.049
66	Kolar Dam	MP	0.270	0.116	0.128	0.065	0.114	0.128	0.064	0.113	0.128	0.062
*67	Minimata Bango	CHH	3.046	2.126	2.349	1.965	2.079	2.384	1.972	2.029	2.380	1.938
68	Mahanadi	CHH	0.767	0.561	0.588	0.471	0.535	0.570	0.446	0.598	0.550	0.421
69	Dudhawa	CHH	0.284	0.155	0.154	0.089	0.153	0.150	0.087	0.151	0.149	0.085
70	Tandula	CHH	0.312	0.150	0.172	0.175	0.149	0.168	0.176	0.150	0.161	0.167
71	Jayakwadi (Paithan)	MAH	2.171	1.555	1.634	0.637	1.479	1.554	0.595	1.428	1.495	0.564
*72	Koyana	MAH	2.652	1.902	1.948	1.675	1.804	1.887	1.531	1.731	1.816	1.459
73	Bhima (Ujjani)	MAH	1.517	0.989	0.969	0.557	0.952	0.884	0.504	0.861	0.792	0.456
74	Isapur	MAH	0.965	0.687	0.564	0.396	0.663	0.543	0.381	0.656	0.534	0.366
75	Mula	MAH	0.609	0.456	0.452	0.255	0.438	0.442	0.239	0.403	0.441	0.225
76	Yeldari	MAH	0.809	0.599	0.680	0.243	0.566	0.676	0.231	0.563	0.673	0.215
77	Girna	MAH	0.524	0.263	0.314	0.130	0.259	0.294	0.123	0.256	0.270	0.115
78	Khadakvaslia	MAH	0.056	0.026	0.032	0.034	0.025	0.046	0.034	0.026	0.049	0.032
*79	Upper Vaitarna	MAH	0.331	0.249	0.182	0.209	0.232	0.170	0.200	0.214	0.168	0.191
80	Upper Tapi	MAH	0.255	0.144	0.180	0.152	0.138	0.174	0.145	0.133	0.172	0.140
*81	Pench (Totladoh)	MAH	1.091	0.786	0.885	0.413	0.778	0.878	0.401	0.763	0.878	0.370
82	Upper Wardha	MAH	0.564	0.311	0.356	0.243	0.304	0.340	0.234	0.301	0.329	0.226
83	Bhatsa	MAH	0.942	0.561	0.577	0.539	0.541	0.557	0.520	0.519	0.557	0.504
84	Dhom	MAH	0.331	0.236	0.228	0.157	0.217	0.219	0.155	0.199	0.203	0.136

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.03.2021			As per Bulleting dated 18.03.2021			As per Bulleting dated 25.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
85	Dudhganga	MAH	0.664	0.389	0.426	0.367	0.369	0.425	0.345	0.341	0.390	0.323
86	Manikdoh	MAH	0.288	0.030	0.130	0.106	0.029	0.110	0.058	0.028	0.093	0.051
87	Bhandardara	MAH	0.304	0.242	0.271	0.173	0.229	0.256	0.163	0.214	0.249	0.151
88	Urmodi	MAH	0.273	0.234	0.238	0.196	0.230	0.235	0.193	0.221	0.234	0.189
89	Bhatghar	MAH	0.673	0.493	0.473	0.342	0.464	0.463	0.331	0.430	0.442	0.309
90	NiraDeoghar	MAH	0.332	0.203	0.242	0.149	0.187	0.226	0.138	0.172	0.213	0.127
*91	Thokarwadi	MAH	0.353	0.152	0.236	0.169	0.145	0.229	0.163	0.141	0.222	0.157
92	Kanher	MAH	0.272	0.141	0.163	0.131	0.132	0.151	0.125	0.123	0.140	0.118
*93	Mulshi	MAH	0.572	0.201	0.234	0.207	0.184	0.220	0.174	0.175	0.209	0.180
94	Surya	MAH	0.276	0.164	0.189	0.181	0.155	0.180	0.174	0.145	0.180	0.168
95	Tillari	MAH	0.447	0.297	0.338	0.286	0.290	0.328	0.277	0.283	0.317	0.268
*96	Doyang Hep	NAG	0.535	0.300	0.199	0.216	0.271	0.189	0.209	0.237	0.180	0.203
*97	Hirakud	ODI	5.378	2.604	3.703	3.115	2.376	3.678	3.044	2.219	3.693	2.863
*98	Balimela	ODI	2.676	1.106	1.592	1.448	1.019	1.487	1.331	0.921	1.439	1.357
99	Salanadi	ODI	0.558	0.215	0.323	0.223	0.215	0.321	0.198	0.215	0.319	0.197
*100	Rengali	ODI	3.432	1.322	2.683	1.893	1.253	2.674	2.182	1.159	2.644	1.934
*101	Machkund (Jalaput)	ODI	0.893	0.544	0.574	0.591	0.528	0.546	0.566	0.500	0.538	0.557
*102	Upper Kolab	ODI	0.935	0.240	0.588	0.499	0.216	0.555	0.483	0.196	0.532	0.457
*103	Upper Indravati	ODI	1.456	0.771	0.959	0.786	0.735	0.909	0.779	0.695	0.881	0.764
104	Sapua	ODI	0.006	0.006	0.006	0.004	0.006	0.006	0.004	0.006	0.006	0.004
105	Hariharjhor	ODI	0.059	0.028	0.049	0.021	0.026	0.048	0.021	0.024	0.046	0.020
106	Mandira Dam	ODI	0.309	0.271	0.295	0.287	0.266	0.294	0.284	0.263	0.288	0.279
*107	Thein Dam	PUN	2.344	0.469	0.788	0.874	0.507	0.892	0.931	0.545	0.892	0.934
*108	Mahi Bajaj Sagar	RAJ	1.711	0.792	0.908	0.729	0.731	0.850	0.674	0.689	0.806	0.635
109	Jhakam	RAJ	0.132	0.033	0.040	0.033	0.032	0.040	0.032	0.032	0.040	0.032
*110	Rana Pratap Sagar	RAJ	1.436	0.405	0.595	0.425	0.625	0.545	0.406	0.611	0.545	0.399
111	Bisalpur	RAJ	1.076	0.451	0.850	0.493	0.441	0.830	0.484	0.431	0.817	0.477
112	Lower Bhawani	TN	0.792	0.675	0.678	0.254	0.683	0.668	0.248	0.673	0.652	0.228

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**Table 1.4 (b): Storage Position of Important Reservoirs of India for the Year 2020-21**

Sl. No	Name of Reservoirs	States	Live Cap. At FRL (BCM)	As per Bulleting dated 11.03.2021			As per Bulleting dated 18.03.2021			As per Bulleting dated 25.03.2021		
				Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)	Current Year's Live Storage (BCM)	Last Season's Live Storage (BCM)	Avg. Last 10 Years Live Cap. (BCM)
1	2	3	4	5	6	7	8	9	10	11	12	13
*113	Mettur (Stanley)	TN	2.647	1.913	2.006	0.923	1.878	1.982	0.908	1.847	1.964	0.893
114	Vaigai	TN	0.172	0.124	0.050	0.034	0.128	0.048	0.034	0.127	0.046	0.033
115	Parambikulam	TN#	0.380	0.255	0.256	0.145	0.242	0.237	0.135	0.227	0.224	0.129
116	Aliyar	TN#	0.095	0.049	0.005	0.027	0.047	0.003	0.027	0.048	0.002	0.028
*117	Sholayar	TN#	0.143	0.000	0.000	0.005	0.000	0.000	0.005	0.000	0.000	0.003
118	Gumti	TRP	0.312	0.215	0.078	0.080	0.209	0.071	0.076	0.203	0.071	0.072
119	Matatila	UP	0.707	0.201	0.088	0.204	0.199	0.064	0.210	0.207	0.064	0.210
*120	Rihand	UP	5.649	2.155	1.835	1.848	2.062	1.744	1.664	1.971	1.744	1.600
121	Sharda Sagar	UP	0.330	0.158	0.271	0.158	0.117	0.271	0.154	0.077	0.271	0.163
122	Sirsi	UP	0.190	0.020	0.120	0.052	0.020	0.120	0.051	0.020	0.120	0.050
123	Maudaha	UP	0.179	0.030	0.085	0.061	0.030	0.085	0.060	0.030	0.085	0.060
124	Jirgo	UP	0.147	0.052	0.085	0.055	0.050	0.085	0.055	0.049	0.083	0.054
125	Rangawan	UP	0.155	0.006	0.066	0.025	0.006	0.052	0.023	0.005	0.053	0.023
126	Meja	UP	0.299	0.047	0.001	0.080	0.048	0.001	0.080	0.048	0.001	0.090
*127	Ramganga	UKH	2.196	0.867	1.253	1.064	0.816	1.264	1.040	0.812	1.284	1.064
*128	Tehri	UKH	2.615	0.606	0.947	0.968	0.492	0.870	0.865	0.389	0.796	0.774
129	Mayurakshi	WB	0.480	0.185	0.262	0.168	0.174	0.253	0.165	0.169	0.255	0.158
130	Kangsabati	WB	0.914	0.315	0.528	0.356	0.293	0.529	0.296	0.237	0.531	0.320
Reservoirs			174.233	84.376	95.461	68.330	80.127	92.393	65.421	76.372	89.162	62.748
Percentage				48.427	54.789	39.218	45.988	53.028	37.548	43.833	51.174	36.014

Source: Water Management Directorate, Central Water Commission, M/o Jal Shakti

Note: \* Hydel Power Capacity Having Capacity more than 60 MW

\$ Total CCA 342 Th. Ha of DVC System

# Total CCA 101 Th. Ha of Parambikulam &amp; Aliyar

@' Total CCA 425 Th. Ha of Narayanpur and Almatti

† Sabarmati Reservoir Is Supplemented with Narmada Water through Pipeline.

'AP': Andhra Pradesh; 'TG':Telangana; 'JHAR': Jharkhand; 'GUJ': Gujarat; 'HP': Himachal Pradesh; 'KAR': Karnataka; 'KRL': Kerala; 'MP': Madhya Pradesh; 'CHH': Chhattisgarh; 'MAH': Maharashtra; 'NAG': Nagaland; 'ODI': Odisha; 'PUN': Punjab; 'RAJ': Rajasthan; 'TN': Tamil Nadu; 'TRP': Tripura; 'UP': Uttar Pradesh; 'UKH': Uttrakhand; 'WB': West Bengal.

**Table 1.5 (a): State-wise Distribution of Hydro-Meteorological Sites**

(as on September, 2020)

<b>Sl. No</b>	<b>Name of States/UTs</b>	<b>G</b>	<b>GD</b>	<b>GDQ</b>	<b>GDS</b>	<b>GDSQ</b>	<b>GQ</b>	<b>Excl. Met</b>	<b>Grand Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
1	Andhra Pradesh	11	16	4		14	1	8	54
2	Arunachal Pradesh	7	3	10		8	9	20	57
3	Assam	12	10	21	1	26	54	7	131
4	Bihar	61	29	5	2	22	2		121
5	Chhattisgarh	11	9	2	1	18		14	55
6	Dadar and Nagar Haveli	3	1						4
7	Delhi		1			2			3
8	Goa		2						2
9	Gujarat	20	16	4		9		6	55
10	Haryana	3	6			1			10
11	Himachal Pradesh	6	9		4	5		23	47
12	Jammu & Kashmir	15	7	3	7	6		17	55
13	Jharkhand	9	18	4		6	1	21	59
14	Karnataka	7	18	15		25	2	4	71
15	Kerala		15	3		22			40
16	Ladakh	4							4
17	Madhya Pradesh	58	51	8		26	1	10	154
18	Maharashtra	34	33	15	1	28	3	14	128
19	Manipur		1				1		2
20	Meghalaya	4	5	5	1	3	1		19
21	Mizoram	4	10		7	6		2	29
22	Nagaland	1							1
23	Odisha	49	7	2		22	1	5	86
24	Puducherry			3					3
25	Punjab		1						1
26	Rajasthan	15	12	3		8		4	42
27	Sikkim			9		1	7	8	25
28	Tamil Nadu		19	20		23		1	63
29	Telangana	11	12	4		8	1	12	48
30	Tripura	2	5		6	2	3		18
31	Uttar Pradesh	73	50	9	1	46	3	4	186
32	Uttarakhand	23	35	1	6	10		7	82
33	West Bengal	18	22	7	2	21	10	6	86
<b>Grand Total</b>		<b>461</b>	<b>423</b>	<b>157</b>	<b>39</b>	<b>368</b>	<b>100</b>	<b>193</b>	<b>1741</b>

Source: RDC-2 Directorate, CWC, M/o Jal Shakti

Note: G - Gauge Site

GQ - Gauge and Water Quality Site

GD - Gauge and Discharge Site

GDS - Gauge, Discharge &amp; Sediment Site

GDQ - Gauge, Discharge &amp; Water Quality Site

GDSQ - Gauge, Discharge, Sediment and Water Quality Site

Exl. Met - Exclusive Met Sites

**Table 1.5 (b): Basin-wise Details of Hydrological Observations Sites**

(as on September, 2020)

Sl. No	Basin Name	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10
1	Brahmani-Baitarni	12				11	1	1	25
2	Cauvery		13	17		24			54
3	East Flowing Rivers between Mahanadi and Pennar	13	2			5			20
4	East Flowing Rivers between Pennar and Kanyakumari		19	10		8		1	38
5	Ganga/Brahmaputra/Meghna/Barak	250	206	72	24	164	91	95	902
6	Godavari Basin	48	43	13		32	4	17	157
7	Indus Basin	23	16	3	11	8		33	94
8	Krishna	14	14	12		29	3	18	90
9	Mahanadi	30	2	1		22		6	61
10	Mahi	10	4	2		3		1	20
11	Minor Rivers draining into Myanmar and Bangladesh	3	7		3	4			17
12	Narmada	18	37	5		10	1	2	73
13	Pennar		4	4		4			12
14	Sabarmati	7	4	1		1		5	18
15	Subarnarekha	6	2	1		6			15
16	Tapi	17	18	1	1	3		7	47
17	West Flowing Rivers from Tadri to Kanyakumari		16	9		26			51
18	West Flowing Rivers from Tapi to Tadri	7	6	4		5		3	25
19	West Flowing Rivers of Kutch and Saurashtra including Luni	3	10	2		3		4	22
20	Areas of Inland Drainage in Rajasthan								0
<b>Grand Total</b>		<b>461</b>	<b>423</b>	<b>157</b>	<b>39</b>	<b>368</b>	<b>100</b>	<b>193</b>	<b>1741</b>

Source: RDC-2 Directorate, CWC, M/o Jal Shakti

Note: G - Gauge Site

GQ - Gauge and Water Quality Site

GD - Gauge and Discharge Site

GDS - Gauge, Discharge &amp; Sediment Site

GDQ - Gauge, Discharge &amp; Water Quality Site

GDSQ - Gauge, Discharge, Sediment and Water Quality Site

Exl. Met - Exclusive Met Sites

Table 1.5 (c): Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission

(as on 30.09.2020)

Sl. No	Name of Basin	Name of State	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
1	Brahmani-Baitarni	Jharkhand					1			1
		Odisha	12				10	1	1	24
	Total		12				11	1	1	25
2	Cauvery	Karnataka		10	5		9			24
		Kerala		1			1			2
		Puducherry			2					2
		Tamil Nadu		2	10		14			26
	Total			13	17		24			54
3	East Flowing Rivers between Mahanadi and Pennar	Andhra Pradesh	4	2			2			8
		Odisha	9				3			12
	Total		13	2			5			20
4	East Flowing Rivers between Pennar and Kanyakumari	Andhra Pradesh		3			2			5
		Puducherry			1					1
		Tamil Nadu		16	9		6		1	32
	Total			19	10		8		1	38
5	Ganga/Brahmaputra/Meghna/Barak	Arunachal Pradesh	7	3	10		8	9	20	57
		Assam	12	10	21	1	26	54	7	131
		Bihar	61	29	5	2	22	2		121
		Chhattisgarh				1			6	7
		Delhi		1			2			3
		Haryana	3	6			1			10

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Table 1.5 (c): Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission

(as on 30.09.2020)

Sl. No	Name of Basin	Name of State	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
		Himachal Pradesh	2	1			3		7	13
		Jharkhand	7	18	3		2	1	21	52
		Madhya Pradesh	28	12	1		9		7	57
		Manipur		1				1		2
		Meghalaya	4	5	5	1	3	1		19
		Mizoram	2	4		4	2		2	14
		Nagaland	1							1
		Rajasthan	8	6	1		7			22
		Sikkim			9		1	7	8	25
		Tripura	1	4		6	2	3		16
		Uttar Pradesh	73	50	9	1	46	3	4	186
		Uttarakhand	23	35	1	6	10		7	82
		West Bengal	18	21	7	2	20	10	6	84
	Total		250	206	72	24	164	91	95	902
	Godavari Basin	Andhra Pradesh	2	5			1	1		9
		Chhattisgarh	1	8	1		3		5	18
		Karnataka		1			1			2
		Madhya Pradesh	11	1	2		7			21
		Maharashtra	21	14	6		16	2	2	61
		Odisha	4	5	2				1	12
		Telangana	9	9	2		4	1	9	34

Contd...

Table 1.5 (c): Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission

(as on 30.09.2020)

Sl. No	Name of Basin	Name of State	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
	<b>Total</b>		<b>48</b>	<b>43</b>	<b>13</b>		<b>32</b>	<b>4</b>	<b>17</b>	<b>157</b>
7	Indus Basin	Himachal Pradesh	4	8		4	2		16	34
		Jammu & Kashmir	15	7	3	7	6		17	55
		Ladakh	4							4
		Punjab		1						1
	<b>Total</b>		<b>23</b>	<b>16</b>	<b>3</b>	<b>11</b>	<b>8</b>		<b>33</b>	<b>94</b>
8	Krishna	Andhra Pradesh	5	2	1		5		8	21
		Karnataka	7	6	4		13	2	4	36
		Maharashtra		3	5		7	1	3	19
		Telangana	2	3	2		4		3	14
		<b>Total</b>	<b>14</b>	<b>14</b>	<b>12</b>		<b>29</b>	<b>3</b>	<b>18</b>	<b>90</b>
9	Mahanadi	Chhattisgarh	10	1	1		15		3	30
		Odisha	20	1			7		3	31
	<b>Mahanadi Total</b>		<b>30</b>	<b>2</b>	<b>1</b>		<b>22</b>		<b>6</b>	<b>61</b>
10	Mahi	Gujarat	3	1	1		1			6
		Madhya Pradesh	2				1		1	4
		Rajasthan	5	3	1		1			10
		<b>Mahi Total</b>	<b>10</b>	<b>4</b>	<b>2</b>		<b>3</b>		<b>1</b>	<b>20</b>
11	Minor Rivers draining into Myanmar and Bangladesh	Mizoram	2	6		3	4			15
		Tripura	1	1						2
	<b>Total</b>		<b>3</b>	<b>7</b>		<b>3</b>	<b>4</b>			<b>17</b>

Contd...

Table 1.5 (c): Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission

(as on 30.09.2020)

Sl. No	Name of Basin	Name of State	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
12	Narmada	Gujarat	2	1			2			5
		Madhya Pradesh	16	36	5		8	1	2	68
	Total		18	37	5		10	1	2	73
13	Pennar	Andhra Pradesh		4	3		4			11
		Karnataka			1					1
	Total			4	4		4			12
14	Sabarmati	Gujarat	6	4	1		1		4	16
		Rajasthan	1						1	2
	Total		7	4	1		1		5	18
15	Subarnarekha	Jharkhand	2		1		3			6
		Odisha	4	1			2			7
		West Bengal		1			1			2
	Total		6	2	1		6			15
16	Tapi	Gujarat	5	2	1				1	9
		Madhya Pradesh	1	2			1		6	10
		Maharashtra	11	14		1	2			28
	Total		17	18	1	1	3		7	47
17	West Flowing Rivers from Tadri to Kanyakumari	Karnataka		1	5		2			8
		Kerala		14	3		21			38
		Tamil Nadu		1	1		3			5
	Total			16	9		26			51

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**Table 1.5 (c): Basin/State-wise Details of Hydro-Meteorological Observations Stations of Central Water Commission**

(as on 30.09.2020)

<b>Sl. No</b>	<b>Name of Basin</b>	<b>Name of State</b>	<b>G</b>	<b>GD</b>	<b>GDQ</b>	<b>GDS</b>	<b>GDSQ</b>	<b>GQ</b>	<b>Excl. Met</b>	<b>Grand Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
18	West Flowing Rivers from Tapi to Tadri	Dadra & Nagar Haveli	3	1						4
		Goa		2						2
		Gujarat	2	1			2			5
		Maharashtra	2	2	4		3		3	14
		<b>Total</b>	<b>7</b>	<b>6</b>	<b>4</b>		<b>5</b>		<b>3</b>	<b>25</b>
19	West Flowing Rivers of Kutch and Saurashtra including Luni	Gujarat	2	7	1		3		1	14
		Rajasthan	1	3	1				3	8
	<b>Total</b>		<b>3</b>	<b>10</b>	<b>2</b>		<b>3</b>		<b>4</b>	<b>22</b>
20	Areas of Inland drainage in Rajasthan									
	<b>Total</b>									
<b>Grand Total</b>			<b>461</b>	<b>423</b>	<b>157</b>	<b>39</b>	<b>368</b>	<b>100</b>	<b>183</b>	<b>1741</b>

Source: RDC-2 Directorate, CWC, M/o Jal Shakti

Note: G - Gauge Site

GQ - Gauge and Water Quality Site

GD - Gauge and Discharge Site

GDS - Gauge, Discharge &amp; Sediment Site

GDQ - Gauge, Discharge &amp; Water Quality Site

GDSQ - Gauge, Discharge, Sediment and Water Quality Site

Exl. Met - Exclusive Met Sites

Table 1.5 (d): State/Basin-wise Details of Hydro-Meteorological Observations Stations in Central Water Commission

(as on 30.09.2020)

Sl. No.	Name of State	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	East Flowing Rivers between Mahanadi and Pennar	4	2			2			8
		East Flowing Rivers between Pennar and Kanyakumari		3			2			5
		Godavari Basin	2	5			1	1		9
		Krishna	5	2	1		5		8	21
		Pennar		4	3		4			11
		<b>Andhra Pradesh Total</b>	<b>11</b>	<b>16</b>	<b>4</b>		<b>14</b>	<b>1</b>	<b>8</b>	<b>54</b>
2	Arunachal Pradesh	Ganga/Brahmaputra/Meghna/Barak	7	3	10		8	9	20	57
		<b>Arunachal Pradesh Total</b>	<b>7</b>	<b>3</b>	<b>10</b>		<b>8</b>	<b>9</b>	<b>20</b>	<b>57</b>
3	Assam	Ganga/Brahmaputra/Meghna/Barak	12	10	21	1	26	54	7	131
		<b>Assam Total</b>	<b>12</b>	<b>10</b>	<b>21</b>	<b>1</b>	<b>26</b>	<b>54</b>	<b>7</b>	<b>131</b>
4	Bihar	Ganga/Brahmaputra/Meghna/Barak	61	29	5	2	22	2		121
		<b>Bihar Total</b>	<b>61</b>	<b>29</b>	<b>5</b>	<b>2</b>	<b>22</b>	<b>2</b>		<b>121</b>
5	Chhattisgarh	Ganga/Brahmaputra/Meghna/Barak				1			6	7
		Godavari Basin	1	8	1		3		5	18
		Mahanadi	10	1	1		15		3	30
		<b>Chhattisgarh Total</b>	<b>11</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>18</b>		<b>14</b>	<b>55</b>
6	Dadar and Nagar Haveli	West Flowing Rivers from Tapi to Tadri	3	1						4
		<b>Dadar and Nagar Haveli Total</b>	<b>3</b>	<b>1</b>						<b>4</b>
7	Delhi	Ganga/Brahmaputra/Meghna/Barak		1			2			3
		<b>Delhi Total</b>		<b>1</b>			<b>2</b>			<b>3</b>
8	Goa	West Flowing Rivers from Tapi to Tadri		2						2
		<b>Goa Total</b>		<b>2</b>						<b>2</b>

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Table 1.5 (d): State/Basin-wise Details of Hydro-Meteorological Observations Stations in Central Water Commission

(as on 30.09.2020)

Sl. No.	Name of State	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
9	Gujarat	Mahi	3	1	1		1			6
		Narmada	2	1			2			5
		Sabarmati	6	4	1		1		4	16
		Tapi	5	2	1				1	9
		West Flowing Rivers from Tapi to Tadri	2	1			2			5
		West Flowing Rivers of Kutch and Saurashtra including Luni	2	7	1		3		1	14
		<b>Gujarat Total</b>	<b>20</b>	<b>16</b>	<b>4</b>		<b>9</b>		<b>6</b>	<b>55</b>
10	Haryana	Ganga/Brahmaputra/Meghna/Barak	3	6			1			10
	<b>Haryana Total</b>		<b>3</b>	<b>6</b>			<b>1</b>			<b>10</b>
11	Himachal Pradesh	Ganga/Brahmaputra/Meghna/Barak	2	1			3		7	13
		Indus Basin	4	8		4	2		16	34
		<b>Himachal Pradesh Total</b>	<b>6</b>	<b>9</b>		<b>4</b>	<b>5</b>		<b>23</b>	<b>47</b>
12	Jammu & Kashmir	Indus Basin	15	7	3	7	6		17	55
	<b>Jammu &amp; Kashmir Total</b>		<b>15</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>6</b>		<b>17</b>	<b>55</b>
13	Jharkhand	Brahmani-Baitarni					1			1
		Ganga/Brahmaputra/Meghna/Barak	7	18	3		2	1	21	52
		Subarnarekha	2		1		3			6
		<b>Jharkhand Total</b>	<b>9</b>	<b>18</b>	<b>4</b>		<b>6</b>	<b>1</b>	<b>21</b>	<b>59</b>
14	Karnataka	Cauvery		10	5		9			24
		Godavari Basin		1			1			2
		Krishna	7	6	4		13	2	4	36
		Pennar			1					1
		West Flowing Rivers from Tadri to Kanyakumari		1	5		2			8
	<b>Karnataka Total</b>		<b>7</b>	<b>18</b>	<b>15</b>		<b>25</b>	<b>2</b>	<b>4</b>	<b>71</b>

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**Table 1.5 (d): State/Basin-wise Details of Hydro-Meteorological Observations Stations in Central Water Commission**

(as on 30.09.2020)

Sl. No.	Name of State	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
15	Kerala	Cauvery		1			1			2
		West Flowing Rivers from Tadri to Kanyakumari		14	3		21			38
		<b>Kerala Total</b>		<b>15</b>	<b>3</b>		<b>22</b>			<b>40</b>
16	Ladakh	Indus Basin	4							4
	<b>Ladakh Total</b>		<b>4</b>							<b>4</b>
17	Madhya Pradesh	Ganga/Brahmaputra/Meghna/Barak	28	12	1		9		7	57
		Godavari Basin	11	1	2		7			21
		Mahi	2				1		1	4
		Narmada	16	36	5		8	1	2	68
		Tapi	1	2			1			4
	<b>Madhya Pradesh Total</b>		<b>58</b>	<b>51</b>	<b>8</b>		<b>26</b>	<b>1</b>	<b>10</b>	<b>154</b>
18	Maharashtra	Godavari Basin	21	14	6		16	2	2	61
		Krishna		3	5		7	1	3	19
		Tapi	11	14		1	2		6	34
		West Flowing Rivers from Tapi to Tadri	2	2	4		3		3	14
	<b>Maharashtra Total</b>		<b>34</b>	<b>33</b>	<b>15</b>	<b>1</b>	<b>28</b>	<b>3</b>	<b>14</b>	<b>128</b>
19	Manipur	Ganga/Brahmaputra/Meghna/Barak		1				1		2
	<b>Manipur Total</b>			<b>1</b>				<b>1</b>		<b>2</b>
20	Meghalaya	Ganga/Brahmaputra/Meghna/Barak	4	5	5	1	3	1		19
	<b>Meghalaya Total</b>		<b>4</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>1</b>		<b>19</b>
21	Mizoram	Ganga/Brahmaputra/Meghna/Barak	2	4		4	2		2	14
		Minor Rivers draining into Myanmar and Bangladesh	2	6		3	4			15
		<b>Mizoram Total</b>	<b>4</b>	<b>10</b>		<b>7</b>	<b>6</b>		<b>2</b>	<b>29</b>
22	Nagaland	Ganga/Brahmaputra/Meghna/Barak	1							1
	<b>Nagaland Total</b>		<b>1</b>							<b>1</b>

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Table 1.5 (d): State/Basin-wise Details of Hydro-Meteorological Observations Stations in Central Water Commission

(as on 30.09.2020)

Sl. No.	Name of State	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total
1	2	3	4	5	6	7	8	9	10	11
23	Odisha	Brahmani-Baitarni	12				10	1	1	24
		East Flowing Rivers between Mahanadi and Pennar	9				3			12
		Godavari Basin	4	5	2				1	12
		Mahanadi	20	1			7		3	31
		Subarnarekha	4	1			2			7
	<b>Odisha Total</b>		<b>49</b>	<b>7</b>	<b>2</b>		<b>22</b>	<b>1</b>	<b>5</b>	<b>86</b>
24	Puducherry	Cauvery			2					2
		East Flowing Rivers between Pennar and Kanyakumari			1					1
	<b>Puducherry Total</b>				<b>3</b>					<b>3</b>
25	Punjab	Indus Basin		1						1
	<b>Punjab Total</b>			<b>1</b>						<b>1</b>
26	Rajasthan	Ganga/Brahmaputra/Meghna/Barak	8	6	1		7			22
		Mahi	5	3	1		1			10
		Sabarmati	1						1	2
		West Flowing Rivers of Kutch and Saurashtra including Luni	1	3	1				3	8
	<b>Rajasthan Total</b>		<b>15</b>	<b>12</b>	<b>3</b>		<b>8</b>		<b>4</b>	<b>42</b>
27	Sikkim	Ganga/Brahmaputra/Meghna/Barak			9		1	7	8	25
	<b>Sikkim Total</b>				<b>9</b>		<b>1</b>	<b>7</b>	<b>8</b>	<b>25</b>
28	Tamil Nadu	Cauvery		2	10		14			26
		East Flowing Rivers between Pennar and Kanyakumari		16	9		6		1	32
		West Flowing Rivers from Tadri to Kanyakumari		1	1		3			5
	<b>Tamil Nadu Total</b>			<b>19</b>	<b>20</b>		<b>23</b>		<b>1</b>	<b>63</b>

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**Table 1.5 (d): State/Basin-wise Details of Hydro-Meteorological Observations Stations in Central Water Commission**

(as on 30.09.2020)

Sl. No.	Name of State	Name of Basin	G	GD	GDQ	GDS	GDSQ	GQ	Excl. Met	Grand Total	
1	2	3	4	5	6	7	8	9	10	11	
29	Telangana	Godavari Basin	9	9	2		4	1	9	34	
		Krishna	2	3	2		4		3	14	
<b>Telangana Total</b>			<b>11</b>	<b>12</b>	<b>4</b>		<b>8</b>	<b>1</b>	<b>12</b>	<b>48</b>	
30	Tripura	Ganga/Brahmaputra/Meghna/Barak	1	4		6	2	3		16	
		Minor Rivers draining into Myanmar and Bangladesh	1	1						2	
<b>Tripura Total</b>			<b>2</b>	<b>5</b>		<b>6</b>	<b>2</b>	<b>3</b>		<b>18</b>	
31	Uttar Pradesh	Ganga/Brahmaputra/Meghna/Barak	73	50	9	1	46	3	4	186	
<b>Uttar Pradesh Total</b>			<b>73</b>	<b>50</b>	<b>9</b>	<b>1</b>	<b>46</b>	<b>3</b>	<b>4</b>	<b>186</b>	
32	Uttarakhand	Ganga/Brahmaputra/Meghna/Barak	23	35	1	6	10		7	82	
<b>Uttarakhand Total</b>			<b>23</b>	<b>35</b>	<b>1</b>	<b>6</b>	<b>10</b>		<b>7</b>	<b>82</b>	
33	West Bengal	Ganga/Brahmaputra/Meghna/Barak	18	21	7	2	20	10	6	84	
		Subarnarekha		1			1			2	
<b>West Bengal Total</b>			<b>18</b>	<b>22</b>	<b>7</b>	<b>2</b>	<b>21</b>	<b>10</b>	<b>6</b>	<b>86</b>	
<b>Grand Total</b>			<b>461</b>	<b>423</b>	<b>157</b>	<b>39</b>	<b>368</b>	<b>100</b>	<b>193</b>	<b>1741</b>	

Source: RDC-2 Directorate, CWC, M/o Jal Shakti

Note: G - Gauge Site

GQ - Gauge and Water Quality Site

GD - Gauge and Discharge Site

GDS - Gauge, Discharge &amp; Sediment Site

GDQ - Gauge, Discharge &amp; Water Quality Site

GDSQ - Gauge, Discharge, Sediment and Water Quality Site

Exl. Met - Exclusive Meteorological Sites

Table 1.6: State-wise Ground Water Resources of India, 2020

Sl. No.	States / Union Territories	Total Annual Ground Water Recharge (BCM)	Annual Extractable Ground Water Resource (BCM)	Current Annual Ground Water Extraction			Stage of Ground Water Extraction (%)
				Irrigation (BCM)	Industrial + Domestic (BCM)	Total (BCM)	
1	2	3	4	5	6	7	8
1	Andhra Pradesh	24.15	22.94	6.60	1.03	7.63	33.26
2	Arunachal Pradesh	3.19	2.92	0.003	0.01	0.01	0.36
3	Assam	27.05	21.97	1.97	0.60	2.58	11.73
4	Bihar	28.05	25.46	10.33	2.69	13.02	51.14
5	Chhattisgarh	12.65	11.55	4.53	0.82	5.35	46.34
6	Delhi	0.32	0.29	0.07	0.22	0.29	101.40
7	Goa	0.40	0.32	0.02	0.05	0.08	23.48
8	Gujarat	26.81	24.91	12.65	0.64	13.30	53.39
9	Haryana	9.53	8.63	10.47	1.15	11.61	134.56
10	Himachal Pradesh	1.07	0.97	0.20	0.16	0.36	36.83
11	Jharkhand	6.15	5.64	0.93	0.72	1.64	29.13
12	Karnataka	18.16	16.40	9.60	1.03	10.63	64.85
13	Kerala	5.65	5.12	1.16	1.48	2.65	51.68
14	Madhya Pradesh	36.16	33.38	17.33	1.64	18.97	56.82
15	Maharashtra	32.01	30.25	15.29	1.34	16.63	54.99
16	Manipur	0.51	0.46	0.003	0.02	0.02	5.12
17	Meghalaya	2.04	1.82	0.03	0.05	0.08	4.22
18	Mizoram	0.22	0.20	0.00	0.01	0.01	3.81
19	Nagaland	2.17	1.95	0.002	0.02	0.02	1.04
20	Odisha	17.08	15.71	5.50	1.36	6.86	43.65

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**Table 1.6: State-wise Ground Water Resources of India, 2020**

Sl. No.	States / Union Territories	Total Annual Ground Water Recharge (BCM)	Annual Extractable Ground Water Resource (BCM)	Current Annual Ground Water Extraction			Stage of Ground Water Extraction (%)
				Irrigation (BCM)	Industrial + Domestic (BCM)	Total (BCM)	
1	2	3	4	5	6	7	8
21	Punjab	22.80	20.59	32.80	1.05	33.85	164.42
22	Rajasthan	12.24	11.07	14.37	2.27	16.63	150.22
23	Sikkim	0.96	0.86	0.00	0.01	0.01	0.86
24	Tamil Nadu	19.59	17.69	13.52	1.15	14.67	82.93
25	Telangana	16.63	15.03	7.13	0.88	8.01	53.32
26	Tripura	1.47	1.24	0.02	0.08	0.10	7.94
27	Uttar Pradesh	72.20	66.88	41.29	4.74	46.03	68.83
28	Uttarakhand	2.02	1.85	0.63	0.24	0.87	46.80
29	West Bengal*	29.33	26.56	10.84	1.00	11.84	44.60
30	Andaman & Nicobar	0.32	0.28	0.0001	0.01	0.01	2.60
31	Chandigarh	0.06	0.06	0.01	0.04	0.05	80.60
32	Dadra & Nagar Haveli	0.07	0.07	0.01	0.02	0.03	45.99
33	Daman & Diu	0.03	0.03	0.003	0.03	0.03	113.38
34	Jammu & Kashmir	4.68	4.22	0.20	0.69	0.89	21.03
35	Ladakh	0.12	0.11	0.001	0.02	0.02	17.90
36	Lakshadweep	0.01	0.005	0.00	0.00	0.003	58.47
37	Puducherry	0.22	0.20	0.10	0.05	0.15	74.27
<b>Grand Total</b>		<b>436.15</b>	<b>397.62</b>	<b>217.61</b>	<b>27.30</b>	<b>244.92</b>	<b>61.60</b>

Source: Central Ground Water Board, D/o Water Resources, RD & GR, M/o Jal Shakti

Note: “\*”: The Ground Water Resources Assessment as on 2013 has been considered for the State of West Bengal.

Table 1.7 : State-wise Categorization of Blocks/ Mandals/Talukas in India during 2020

Sl. No.	States/Union Territories	Total No. of Assessed Units	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Nos.	%	Nos.	%	Nos.	%	Nos.	%	Nos.	%
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Andhra Pradesh	667	551	82.61	40	6.00	15	2.25	23	3.45	38	5.70
2	Arunachal Pradesh	11	11	100.00								
3	Assam	28	28	100.00								
4	Bihar	534	471	88.20	51	9.55	5	0.94	7	1.31		
5	Chhattisgarh	146	110	75.34	27	18.49	9	6.16				
6	Delhi	34	3	8.82	7	20.59	7	20.59	17	50.00		
7	Goa	12	12	100.00								
8	Gujarat	248	182	73.39	24	9.68	4	1.61	25	10.08	13	5.24
9	Haryana	141	30	21.28	14	9.93	12	8.51	85	60.28		
10	Himachal Pradesh	10	10	100.00								
11	Jharkhand	259	244	94.21	10	3.86	2	0.77	3	1.16		
12	Karnataka	227	130	57.27	35	15.42	10	4.41	52	22.91		
13	Kerala	152	120	78.95	29	19.08	3	1.97				
14	Madhya Pradesh	317	233	73.50	50	15.77	8	2.52	26	8.21		
15	Maharashtra	353	271	76.77	63	17.85	8	2.27	10	2.83	1	0.28
16	Manipur	9	9	100.00								
17	Meghalaya	12	12	100.00								
18	Mizoram	26	26	100.00								
19	Nagaland	11	11	100.00								
20	Odisha	314	302	96.18	6	1.91					6	1.91
21	Punjab	150	17	11.33	10	6.67	6	4.00	117	78.00		
22	Rajasthan	295	37	12.54	29	9.83	23	7.80	203	68.81	3	1.02
23	Sikkim	4	4	100.00								
24	Tamil Nadu	1166	409	35.08	225	19.30	63	5.40	435	37.31	34	2.92
25	Telangana	589	321	54.50	180	30.56	44	7.47	44	7.47		
26	Tripura	59	59	100.00								
27	Uttar Pradesh	830	541	65.18	174	20.96	49	5.90	66	7.95		

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Table 1.7 : State-wise Categorization of Blocks/ Mandals/Talukas in India during 2020

Sl. No.	States/Union Territories	Total No. of Assessed Units	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Nos.	%	Nos.	%	Nos.	%	Nos.	%	Nos.	%
1	2	3	4	5	6	7	8	9	10	11	12	13
28	Uttarakhand	18	14	77.78	4	22.22						
29	West Bengal*	268	191	71.27	76	28.36	1	0.37				
30	Andaman & Nicobar	36	35	97.22							1	2.78
31	Chandigarh	1			1	100.00						
32	Dadra & Nagar Haveli	1	1	100.00								
33	Daman & Diu	2	1	50.00					1	50.00		
34	Jammu & Kashmir	20	20	100.00								
35	Ladakh	2	2	100.00								
36	Lakshadweep	9	7	77.78	2	22.22						
37	Puducherry	4	2	50.00			1	25.00			1	25.00
<b>Grand Total</b>		<b>6965</b>	<b>4427</b>	<b>63.56</b>	<b>1057</b>	<b>15.18</b>	<b>270</b>	<b>3.88</b>	<b>1114</b>	<b>15.99</b>	<b>97</b>	<b>1.39</b>

Source: Central Ground Water Board, D/o Water Resources, RD & GR, M/o Jal Shakti

Note:

Blocks - Bihar, Chhattisgarh, Haryana, Jharkhand, Kerala, Madhya Pradesh, Manipur, Mizoram, Odisha, Punjab, Rajasthan, Tripura, Uttar Pradesh, Uttarakhand and West Bengal

Taluks - Goa, Gujarat, Karnataka and Maharashtra

Mandals - Andhra Pradesh and Telangana

District - Arunachal Pradesh, Assam, Meghalaya, Nagaland, Sikkim, Dadra & Nagar Haveli, Daman & Diu, Jammu & Kashmir and Ladakh

Valley - Himachal Pradesh

Islands - Andaman & Nicobar, Lakshadweep

Firka - Tamil Nadu

Region - Puducherry

UT - Chandigarh

Tehsil - Delhi

\*West Bengal- The Ground Water Resource Assessment as on 2013 has been considered for State of West Bengal.

Table 1.8: State-wise Ultimate Irrigation Potential

(Th. Ha)

Sl. No.	State/UT	Major & Medium Surface Water	Minor Irrigation			Total (Major, Medium & Minor)
			Surface Water	Ground Water	Total	
1	2	3	4	5	6	7
1	Andhra Pradesh	5000	2300	3960	6260	11260
2	Arunachal Pradesh	0	150	18	168	168
3	Assam	970	1000	900	1900	2870
4	Bihar	5224	1544	4120	5664	10888
5	Chhattisgarh	1147	81	490	571	1718
6	Goa	62	25	29	54	116
7	Gujarat	3000	347	2756	3103	6103
8	Haryana	3000	50	1462	1512	4512
9	Himachal Pradesh	50	235	68	303	353
10	Jammu & Kashmir	250	400	708	1108	1358
11	Jharkhand	1276	354	830	1184	2460
12	Karnataka	2500	900	2574	3474	5974
13	Kerala	1000	800	879	1679	2679
14	Madhya Pradesh	4853	2111	9250	11361	16214
15	Maharashtra	4100	1200	3652	4852	8952
16	Manipur	135	100	369	469	604
17	Meghalaya	20	85	63	148	168
18	Mizoram	0	65	5	70	70
19	Nagaland	10	70	5	75	85
20	Odisha	3600	1000	4203	5203	8803
21	Punjab	3000	50	2917	2967	5967
22	Rajasthan	2750	600	1778	2378	5128
23	Sikkim	20	50	0	50	70
24	Tamil Nadu	1500	1200	2832	4032	5532
25	Tripura	100	100	81	181	281
26	Uttar Pradesh	12154	1186	16295	17481	29635
27	Uttarakhand	346	14	504	518	864
28	West Bengal	2300	1300	3318	4618	6918
<b>Total States</b>		<b>58367</b>	<b>17317</b>	<b>64066</b>	<b>81383</b>	<b>139750</b>
<b>Total UTs</b>		<b>98</b>	<b>20</b>	<b>26</b>	<b>46</b>	<b>144</b>
<b>Grand Total</b>		<b>58465</b>	<b>17337</b>	<b>64092</b>	<b>81429</b>	<b>139894</b>

Source: Planning and Progress Directorate, CWC, M/o Jal Shakti

Note: UIP figures have been compiled up to XI Plan. The UIP figures for the period from 2012-13 to 2020-21 are under revision/compilation.

Table 1.9: Abstract of Large Dams (State-wise &amp; Decade-wise) as on 27.06.2019

Sl. No.	States/UTs	Year of Completion											Total
		Up to 1900	1901 to 1950	1951 to 1960	1961 to 1970	1971 to 1980	1981 to 1990	1991 to 2000	2001 & Beyond	Year of Construction not available	Total Completed dams	Under Construction	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andaman & Nicobar Islands*	-	-	-	-	1	-	-	1	-	2	-	2
2	Andhra Pradesh	1	8	12	10	26	16	12	21	43	149	17	166
3	Arunachal Pradesh	-	-	-	-	-	-	-	1	-	1	3	4
4	Assam	-	-	-	-	-	2	-	1	-	3	1	4
5	Bihar	1	-	-	9	5	5	1	3	-	24	2	26
6	Chandigarh*	-	-	-	-	-	-	-	-	-	0	-	0
7	Chhattisgarh	-	11	1	18	47	100	39	32	1	249	9	258
8	Dadra and Nagar Haveli*	-	-	-	-	-	-	-	-	-	0	-	0
9	Daman and Diu*	-	-	-	-	-	-	-	-	-	0	-	0
10	Goa	-	-	-	-	-	3	2	-	-	5	-	5
11	Gujarat	5	58	59	87	149	159	61	39	3	620	12	632
12	Haryana	-	-	-	-	-	-	-	1	-	1	-	1
13	Himachal Pradesh	-	-	-	1	2	1	1	12	2	19	1	20
14	Jammu & Kashmir*	-	-	-	-	2	2	1	7	3	15	2	17
15	Jharkhand	-	-	9	5	11	22	-	5	3	55	24	79
16	Karnataka	5	25	11	39	47	56	17	14	16	230	2	232
17	Kerala	1	1	6	16	10	9	13	5	-	61	-	61
18	Lakshadweep*	-	-	-	-	-	-	-	-	-	0	-	0
19	Madhya Pradesh	3	85	36	68	219	301	92	71	24	899	7	906
20	Maharashtra	22	39	24	151	635	456	379	410	1	2117	277	2394
21	Manipur	-	-	-	-	1	-	1	1	-	3	1	4
22	Meghalaya	-	-	1	3	1	-	1	2	-	8	2	10
23	Mizoram	-	-	-	-	-	-	-	1	-	1	-	1

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**Table 1.9: Abstract of Large Dams (State-wise & Decade-wise) as on 27.06.2019**

Sl. No.	States/UTs	Year of Completion											Total
		Up to 1900	1901 to 1950	1951 to 1960	1961 to 1970	1971 to 1980	1981 to 1990	1991 to 2000	2001 & Beyond	Year of Construction not available	Total Completed dams	Under Construction	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
24	Nagaland	-	-	-	-	-	-	1	-	-	1	-	1
25	Delhi*	-	-	-	-	-	-	-	-	-	0	-	0
26	Odisha	3	1	3	7	57	80	35	12	2	200	4	204
27	Puducherry*	-	-	-	-	-	-	-	-	-	0	-	0
28	Punjab	-	-	1	-	-	4	6	3	-	14	2	16
29	Rajasthan	16	14	31	22	29	42	26	16	8	204	8	212
30	Sikkim	-	-	-	-	-	-	1	1	-	2	-	2
31	Tamil Nadu	-	9	11	24	28	19	10	17	-	118	-	118
32	Telangana	6	29	7	13	8	15	9	6	75	168	16	184
33	Tripura	-	-	-	-	1	-	-	-	-	1	-	1
34	Uttar Pradesh	4	24	23	20	16	14	13	3	-	117	13	130
35	Uttarakhand	-	-	-	5	4	2	1	5	-	17	8	25
36	West Bengal	-	-	1	1	5	15	2	6	-	30	-	30
<b>Grand Total</b>		<b>67</b>	<b>304</b>	<b>236</b>	<b>499</b>	<b>1304</b>	<b>1323</b>	<b>724</b>	<b>696</b>	<b>181</b>	<b>5334</b>	<b>411</b>	<b>5745</b>

Source: Dam Safety Monitoring Directorate, CWC, M/o Jal Shakti

\* Union Territory (UT)

**Definition of Large Dams for Inclusion Under NRLD:**

International Commission on Large Dams (ICOLD) Specification:

- A large dam is classified as one with a maximum height of more than 15 m from its deepest foundation to the crest.
- A dam between 10 and 15 m in height from its deepest foundation is also included in the classification of a large dam provided it complies with one of the following conditions :
  - a) Length of crest of the dam is not less than 500 m or
  - b) Capacity of the reservoir formed by the dam is not less than one million cubic m or
  - c) The maximum flood discharge dealt with by the dam is not less than 2000 cubic m per second or
  - d) The dam has specially difficult foundation problems, or
  - e) The dam is of unusual design

Table 1.10: Details of Plan-wise Position of Irrigation Potential Created and Utilised

Sl. No.	Plan	Potential Created (Mha)						Potential Utilised (Mha)					
		Major & Medium	Minor			Total	Major & Medium	Minor			Total	Total	
			Surface Water	Ground Water	Total			Surface Water	Ground Water	Total			
1	2	3	4	5	6	7	8	9	10	11	12		
1	Up to 1951 (Pre-Plan)	Cumulative	9.7	6.4	6.5	12.9	22.6	9.7	6.4	6.5	12.9	22.6	
2	I Plan (1951-1956)	During	2.5	0.03	1.13	1.16	3.66	1.28	0.03	1.13	1.16	2.44	
		Cumulative	12.2	6.43	7.63	14.06	26.26	10.98	6.43	7.63	14.06	25.04	
3	II Plan (1956-1961)	During	2.13	0.02	0.67	0.69	2.82	2.07	0.02	0.67	0.69	2.76	
		Cumulative	14.33	6.45	8.3	14.75	29.08	13.05	6.45	8.3	14.75	27.8	
4	III Plan (1961-1966)	During	2.24	0.03	2.22	2.25	4.49	2.12	0.03	2.22	2.25	4.37	
		Cumulative	16.57	6.48	10.52	17	33.57	15.17	6.48	10.52	17	32.17	
5	Annul Plans (1966-1969)	During	1.53	0.02	1.98	2	3.53	1.58	0.02	1.98	2	3.58	
		Cumulative	18.1	6.5	12.5	19	37.1	16.75	6.5	12.5	19	35.75	
6	IV Plan (1969-1974)	During	2.6	0.5	4.0	4.5	7.1	1.64	0.5	4.0	4.5	6.14	
		Cumulative	20.7	7.0	16.5	23.5	44.2	18.39	7.0	16.5	23.5	41.89	
7	V Plan (1974-1978)	During	4.02	0.5	3.3	3.8	7.82	2.7	0.5	3.3	3.8	6.5	
		Cumulative	24.72	7.5	19.8	27.3	52.02	21.09	7.5	19.8	27.3	48.39	
8	Annual Plans (1978-1980)	During	1.89	0.5	2.2	2.7	4.59	1.48	0.5	2.2	2.7	4.18	
		Cumulative	26.61	8.0	22	30	56.61	22.57	8	22	30	52.57	

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**Table 1.10: Details of Plan-wise Position of Irrigation Potential Created and Utilised**

Sl. No.	Plan	Potential Created (Mha)						Potential Utilised (Mha)					
		Major & Medium	Minor			Total	Major & Medium	Minor			Total		
			Surface Water	Ground Water	Total			Surface Water	Ground Water	Total			
1	2	3	4	5	6	7	8	9	10	11	12		
9	VI Plan (1980-1985)	During	1.09	1.7	5.82	7.52	8.61	0.93	1.01	4.24	5.25	6.18	
		Cumulative	27.7	9.7	27.82	37.52	65.22	23.5	9.01	26.24	35.25	58.75	
10	VII Plan (1985-1990)	During	2.22	1.29	7.8	9.09	11.31	1.9	0.96	6.91	7.87	9.77	
		Cumulative	29.92	10.99	35.62	46.61	76.53	25.4	9.97	33.15	43.12	68.52	
11	Annual Plans (1990-1992)	During	0.82	0.47	3.27	3.74	4.56	0.85	0.32	3.1	3.42	4.27	
		Cumulative	30.74	11.46	38.89	50.35	81.09	26.25	10.29	36.25	46.54	72.79	
12	VIII Plan (1992-1997)	During	2.21	1.05	1.91	2.96	5.17	2.13	0.78	1.45	2.23	4.36	
		Cumulative	32.95	12.51	40.8	53.31	86.26	28.38	11.07	37.7	48.77	77.15	
13	IX Plan (1997-2002)	During	4.1	1.09	2.5	3.59	7.69	2.57	0.37	0.85	1.22	3.79	
		Cumulative	37.05	13.6	43.3	56.9	93.95	30.95	11.44	38.55	49.99	80.94	
14	X Plan (2002-2007)	During	4.59	N.A.	N.A.	3.2	7.79	2.73	N.A.	N.A.	1.49	4.22	
		Cumulative	41.64	N.A.	N.A.	60.1	101.74	33.68	N.A.	N.A.	51.48	85.16	
15	XI Plan (2007-2012)	During	6.34	N.A.	N.A.	5.45	11.79	1.33	N.A.	N.A.	1.43	2.76	
		Cumulative	47.97	N.A.	N.A.	65.56	113.53	35.01	N.A.	N.A.	52.91	87.92	

Source: Erstwhile Planning Commission/ Planning &amp; Progress Directorate, CWC, M/o Jal Shakti

Note: UIP &amp; IPC figures for the period from 2012-13 to 2020-21 are under revision/compilation.

'N.A.': Non-availability of data.

**Table 1.11: Irrigation Potential Creation of MMI, Minor Irrigation Projects and other Schemes**

(Th. Ha)

Sl. No.	State	UIP of MMI Projects	UIP of Minor Projects	Total UIP	Irrigation Potential Created up to XI Plan		
					MMI	Minor	Total
1	2	3	4	5	6	7	8
1	Andhra Pradesh	5000.00	6260.00	11260.00	4803.73	3340.550	8144.28
2	Telangana						
3	Arunachal Pradesh	0.00	168.00	168.00	1.20	132.248	133.448
4	Assam	970.00	1900.00	2870.00	455.96	1016.820	1472.783
5	Bihar	5223.50	5663.50	10887.00	3054.46	5924.780	8979.240
6	Chhattisgarh	1146.93	571.00	1717.93	1269.32	842.295	2111.610
7	Goa	62.00	54.00	116.00	55.55	25.927	81.478
8	Gujarat	3000.00	3103.00	6103.00	3679.09	2071.970	5751.060
9	Haryana	3000.00	1512.00	4512.00	2206.29	1637.670	3843.960
10	Himachal Pradesh	50.00	303.00	353.00	30.45	186.217	216.667
11	Jammu & Kashmir	250.00	1108.00	1358.00	325.61	534.200	859.809
12	Jharkhand	1276.50	1183.50	2460.00	530.71	745.661	1276.366
13	Karnataka	2500.00	3474.00	5974.00	2965.83	1704.170	4670.000
14	Kerala	1000.00	1679.00	2679.00	715.69	763.650	1479.340
15	Madhya Pradesh	4853.07	11361.00	16214.07	2506.43	2534.340	5040.772
16	Maharashtra	4100.00	4852.00	8952.00	4128.71	3185.600	7314.310
17	Manipur	135.00	469.00	604.00	158.50	120.690	279.190
18	Meghalaya	20.00	148.00	168.00	-	77.770	77.770
19	Mizoram	0.00	70.00	70.00	-	51.740	51.740
20	Nagaland	10.00	75.00	85.00	-	124.510	124.510
21	Odisha	3600.00	5203.00	8803.00	2147.36	1887.430	4034.790

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**Table 1.11: Irrigation Potential Creation of MMI, Minor Irrigation Projects and other Schemes**

(Th. Ha)

Sl. No.	State	UIP of MMI Projects	UIP of Minor Projects	Total UIP	Irrigation Potential Created up to XI Plan		
					MMI	Minor	Total
1	2	3	4	5	6	7	8
22	Punjab	3000.00	2967.00	5967.00	2684.39	3497.710	6182.100
23	Rajasthan	2750.00	2378.00	5128.00	3167.13	2487.760	5654.890
24	Sikkim	20.00	50.00	70.00	-	42.740	42.740
25	Tamil Nadu	1500.00	4032.00	5532.00	1578.27	2331.990	3910.260
26	Tripura	100.00	181.00	281.00	29.25	161.863	191.113
27	Uttar Pradesh	12154.00	17481.00	29635.00	9288.09	25320.130	34608.220
28	Uttarakhand	346.00	518.00	864.00	288.98	585.347	874.327
29	West Bengal	2300.00	4618.00	6918.00	1901.41	4159.680	6061.090
<b>Union Territories</b>		<b>98.00</b>	<b>46.00</b>	<b>144.00</b>	<b>0.00</b>	<b>61.935</b>	<b>61.935</b>
<b>All India Total</b>		<b>58465.00</b>	<b>81428.00</b>	<b>139893.00</b>	<b>47972.41</b>	<b>65557.39</b>	<b>113529.798</b>

Source: Planning &amp; Progress Directorate, CWC, M/o Jal Shakti

Note: UIP &amp; IPC figures for the period from 2012-13 to 2020-21 are under revision/compilation.

'UIP': Ultimate Irrigation Potential; 'MMI': Major &amp; Medium Irrigation

Table 1.12 : State-wise Irrigation Potential Created by Major and Medium Irrigation Projects under AIBP and AIBP-PMKSY

Sl. No.	Name of States	AIBP			Ultimate Irrigation Potential of 99 Prioritized Projects	PMKSY-AIBP					Cumulative Potential Created under PMKSY (since 2016- 17 to 2020- 21) up to 03/2021
		Ultimate Potential	Created before AIBP	Cumulative Potential Created under AIBP up to 3/2016		2016-17	2017-18	2018-19	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	491.95	24.47	306.50	263.290	11.89	10.41	2.03	0.00	0.00	24.33
2	Assam	262.63	96.23	94.41	124.932	28.28	0.00	1.17	0.00	0.00	29.44
3	Bihar	1323.64	1430.99	467.37	37.270	10.31	0.40	0.20	1.87	0.20	12.98
4	Chhattisgarh	791.65	394.95	192.03	47.625	6.66	9.96	0.00	0.04	0.10	16.76
5	Goa	28.63	4.81	20.47	14.521	0.05	0.00	0.18	0.00	0.00	0.23
6	Gujarat	2028.35	168.21	1341.08	1792.000	116.50	312.18	98.63	28.69	13.911	569.91
7	Haryana	400.5	179.53	115.22	0.000	0.00	0.00	0.00	0.00	0.00	0.00
8	Himachal Pradesh	37.51	0.00	37.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00
9	Jammu & Kashmir	152.54	48.93	58.80	59.178	0.00	0.00	0.00	5.26	0	5.26
10	Jharkhand	299.83	6.04	59.92	236.848	79.19	0.00	0.00	0.00	0.612	79.80
11	Karnataka	1617.25	663.45	730.71	252.813	24.62	81.00	6.87	1.93	1.336	115.76
12	Kerala	150.72	69.63	50.07	38.080	0.07	0.24	0.80	0.95	0	2.05
13	Madhya Pradesh	1314.01	118.25	801.81	872.629	73.73	72.28	16.18	11.22	1.741	175.15
14	Maharashtra	2230.69	827.79	667.91	850.748	66.51	31.49	74.10	66.22	33.243	271.57

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Table 1.12 : State-wise Irrigation Potential Created by Major and Medium Irrigation Projects under AIBP and AIBP-PMKSY

Sl. No.	Name of States	AIBP			PMKSY-AIBP							Cumulative Potential Created under PMKSY (since 2016- 17 to 2020- 21) up to 03/2021
		Ultimate Potential	Created before AIBP	Cumulative Potential Created under AIBP up to 3/2016	Ultimate Irrigation Potential of 99 Prioritized Projects	Details of Irrigation Potential Created under PMKSY						
1	2	3	4	5	6	7	8	9	10	11	12	
15	Manipur	55.99	4.00	30.76	36.990	4.00	3.24	2.39	0.00	3.786	13.42	
16	Meghalaya	4.78	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
17	Odisha	836.59	243.28	263.62	327.677	5.42	17.61	13.10	15.20	0	51.33	
18	Punjab	1800.72	486.57	645.24	91.950	0.00	11.62	0.00	0.00	1.44	13.06	
19	Rajasthan	1752.51	70.11	645.24	315.574	0.00	7.05	0.12	0.07	0	7.24	
20	Tamil Nadu	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
21	Telangana	1201.85	1105.09	515.64	585.103	20.11	84.12	9.73	3.74	20.358	138.05	
22	Tripura	26.72	2.18	16.81	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
23	UT of Ladakh	2.26	0.00	1.50	2.262	0.00	0.00	0.00	0.00	0	0.00	
24	Uttar Pradesh	5890.70	2658.52	1702.81	1653.045	67.40	61.13	384.88	181.97	48.49	743.87	
25	Uttrakhand	310.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
26	West Bengal	1057.96	402.02	147.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Total</b>		<b>24069.97</b>	<b>9005.03</b>	<b>8912.92</b>	<b>7602.54</b>	<b>514.73</b>	<b>702.74</b>	<b>610.37</b>	<b>317.15</b>	<b>125.22</b>	<b>2270.21</b>	

Source: Monitoring (Central), PMO, Central Water Commission, M/o Jal Shakti

Note: 'PMKSY': Pradhan Mantri Krishi Sinchayee Yojana; 'AIBP': Accelerated Irrigation Benefits Programme

Table 1.13: State-wise Number of Major, Medium and ERM Irrigation Projects

Sl. No	Name of the State/UTs	Major Project				Medium Project				ERM				Total			
		Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan*	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over projects in XII Plan	New projects in XII Plan
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	13	35	30	1	14	135	10	NR	1	7	2	0	28	177	42	1
2	Arunachal Pradesh	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR
3	Assam	0	4	2	0	1	10	1	0	0	1	0	0	1	15	3	1
4	Bihar	1	18	8	2	1	21	2	1	1	3	3	0	3	42	13	3
5	Chhattisgarh	3	11	2	3	1	29	4	1	0	2	1	0	4	42	7	4
6	Goa	0	1	1	0	0	1	0	0	0	0	0	0	0	2	1	0
7	Gujarat	0	19	1	0	6	121	4	0	0	12	13	0	6	152	18	0
8	Haryana	4	11	2	0	1	1	1	0	1	14	0	0	6	26	3	0
9	Himachal Pradesh	1	1	0	0	2	6	0	0	0	0	0	0	3	7	0	0
10	Jammu & Kashmir	0	2	0	0	0	18	0	0	0	6	0	0	0	26	0	0
11	Jharkhand	NR	1	6	0	6	44	4	0	0	1	4	0	6	46	14	0
12	Karnataka	5	13	11	0	13	52	11	2	3	3	0	0	21	68	22	2
13	Kerala	1	12	1	0	0	7	3	0	1	2	0	0	2	21	4	0
14	Madhya Pradesh	2	17	15	16	2	104	13	13	6	7	2	4	10	128	30	33
15	Maharashtra	2	28	49	4	10	209	71	12	1	5	4	0	13	242	124	16
16	Manipur	0	1	1	0	1	5	1	2	0	0	0	0	1	6	2	2
17	Meghalaya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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**Table 1.13: State-wise Number of Major, Medium and ERM Irrigation Projects**

Sl. No	Name of the State/UTs	Major Project				Medium Project				ERM				Total			
		Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over Projects in XII Plan*	New Projects in XII Plan	Completed in XI Plan	Completed up to XI Plan	Spilled over projects in XII Plan	New projects in XII Plan
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Odisha	0	12	11	0	1	47	13	1	5	26	5	21	6	85	29	22
21	Punjab	0	8	1	0	0	2	0	0	0	11	2	2	0	21	3	2
22	Rajasthan	3	11	NR	0	2	102	0	0	0	7	0	0	5	120	0	0
23	Sikkim	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR
24	Tamil Nadu	0	22	0	0	0	46	0	0	0	12	0	0	0	80	0	0
25	Tripura	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR	NR	0	NR	NR
26	Uttara- khand	0	5	0	0	0	0	0	0	0	1	0	0	0	6	0	0
27	Uttar Pradesh	0	57	6	1	0	40	0	0	0	20	3	0	0	117	9	1
28	West Bengal	0	6	2	0	1	18	0	0	0	0	0	0	1	24	2	0
<b>Total</b>		<b>35</b>	<b>295</b>	<b>149</b>	<b>27</b>	<b>62</b>	<b>1018</b>	<b>138</b>	<b>32</b>	<b>19</b>	<b>140</b>	<b>39</b>	<b>27</b>	<b>116</b>	<b>1453</b>	<b>326</b>	<b>86</b>

Source: Planning &amp; Progress Directorate, CWC, M/o Jal Shakti

Note:

ERM: Extension, Renovation and Modernisation

Note- \*: Figures are likely to be changed after receiving final data.

NR: Data have not been reported by the States.

**Table 1.14: Physical Achievements of field channels under CAD Programme as reported by the States/UTs as on 31.03.2021**

(Th. Ha)

Sl. No.	Name of the State & UT	Progress up to VIII Plan	Achievements												Cumulative Achievement (up to 31.3.2021)	
			IX Plan	X Plan	XI Plan	2012-13	2013-14	2014-15	2015-16	2016-17	XII Plan	2017-18	2018-19	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Andhra Pradesh	664.61	15.63	57.84	39.42	0.81	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	778.30
2	Arunachal Pradesh	0.00	1.02	7.93	11.45	0.56	1.78	0.00	0.00		2.34	0.00	0.00	0.00	0.00	22.75
3	Assam	54.13	1.95	0.55	4.89	0.90	0.00	0.41	0.00	0.00	1.31	0.00	11.92	7.97	3.51	86.22
4	Bihar	1282.42	14.84	46.76	126.43	12.15	5.23	2.28	0.00	2.25	21.90	5.49	4.00	2.47	3.04	1507.35
5	Chhattisgarh	0.00	1.47	49.87	154.27	29.33	36.62	15.24	2.88	0.00	84.06	0.00	0.00	0.00	0.00	289.67
6	Goa	10.34	0.04	0.00	3.01	0.60	0.00	0.00	0.00	0.01	0.61	0.01	0.75	0.08	0.20	15.04
7	Gujarat	851.96	37.91	217.70	42.88	0.00	0.00	0.00	258.82	385.28	644.10	290.00	260.17	1.59	1.57	2347.87
8	Haryana	312.67	116.71	167.92	255.61	37.56	63.21	49.30	58.75	0.00	208.82	0.00	0.00	0.00	0.00	1061.73
9	Himachal Pradesh	10.66	4.99	6.59	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.85
10	Jammu & Kashmir and Ladakh (UT)	55.45	22.45	20.36	57.43	23.61	21.71	3.46	5.04	0.00	53.81	0.00	0.97	0.53	0.19	211.20
11	Jharkhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Karnataka	1043.01	73.21	369.29	114.76	19.73	36.64	2.10	0.00	11.08	69.54	10.95	8.92	3.79	0.11	1693.57
13	Kerala	153.66	20.46	8.17	1.39	0.32	0.73	0.81	0.00	0.00	1.86	0.00	0.00	0.30	0.30	186.14
14	Madhya Pradesh	995.84	35.39	41.95	61.95	67.12	0.00		15.81	74.94	157.86	85.06	46.94	17.40	24.10	1466.49
15	Maharashtra	1113.14	110.78	24.21	88.90	3.99	6.73	1.25	0.76	7.63	20.36	16.56	40.81	19.65	24.23	1458.62

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**Table 1.14: Physical Achievements of field channels under CAD Programme as reported by the States/UTs as on 31.03.2021**

(Th. Ha)

Sl. No.	Name of the State & UT	Progress up to VIII Plan	Achievements													Cumulative Achievement (up to 31.3.2021)
			IX Plan	X Plan	XI Plan	2012-13	2013-14	2014-15	2015-16	2016-17	XII Plan	2017-18	2018-19	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
16	Manipur	36.79	13.84	13.26	23.36	0.50	0.80	0.61	0.00	0.00	1.92	0.00	5.03	0.00	3.64	97.83
17	Meghalaya	1.00	0.13	1.05	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.55
18	Mizoram	0.00	0.12	0.74	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
19	Nagaland	0.00	1.96	1.78	0.07	0.45	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	4.27
20	Odisha	346.48	49.95	41.02	103.85	36.88	23.33	32.00	72.66	10.47	175.34	24.40	19.08	9.61	8.03	777.76
21	Punjab	0.00	222.71	128.81	251.44	18.78	22.86	15.57	82.05	0.00	139.25	0.00	0.00	0.00	0.00	742.20
22	Rajasthan	925.50	251.73	249.90	131.25	7.44	16.12	10.75	46.22	6.86	87.40	7.22	7.08	0.46	9.11	1669.65
23	Sikkim	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
24	Tamil Nadu	629.56	221.26	190.91	110.03	18.26	16.87	0.41	5.14	0.00	40.69	0.00	0.00	0.00	0.00	1192.44
25	Telangana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.68	0.00	10.68
26	Tripura	0.32	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
27	Uttar Pradesh	5374.97	561.05	639.29	399.54	75.71	53.22	44.43	23.41	0.00	196.78	0.00	0.00	0.00	0.00	7171.63
28	Uttarakhand	0.00	0.00	4.88	7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.92
29	West Bengal	90.14	22.33	23.13	90.85	6.35	2.51	0.00	0.00	0.00	8.86	0.00	0.00	0.00	0.00	235.31
<b>Total</b>		<b>13952.65</b>	<b>1801.99</b>	<b>2314.09</b>	<b>2080.85</b>	<b>361.04</b>	<b>308.36</b>	<b>178.62</b>	<b>571.54</b>	<b>498.51</b>	<b>1918.07</b>	<b>439.70</b>	<b>405.66</b>	<b>74.54</b>	<b>78.01</b>	<b>23065.55</b>

Source: CAD Wing, D/o Water Resources, RD &amp; GR, M/o Jal Shakti

Note: 'CAD': Command Area Development

Remarks: Total may not tally due to rounding off.

Table 1.15: List of Water Resources Projects Declared as National Projects

Sl. No	Name of the Project	Status	State (River/Basin)	1) Irrigation Potential (Ha) 2) Power (MW) 3) Storage (MCM)	Year-wise Central Assistance Released under Scheme of National Projects (Rs Cr)	Date of Completion
1	2	3	4	5	6	7
1	Indira Sagar Polavaram Project	Under Execution	Andhra Pradesh (Godavari)	1) 4.36 Lakh 2) 960 MW 3) 5511 MCM (Gross)	2014-15 = 250.00 2015-16 = 600.00 2016-17 = 2514.16 2017-18 = 2000.00 2018-19 = 1400.00 2019-20 = 1850.00 2020-21 = 2234.288 2021-22 = 333.068 <b>Total= 11181.36+A</b>	April, 2022
2	Gosikhurd Irrigation Project	Under Execution	Maharashtra (Wainganga/Godavari)	1) 2.50 Lakh 2) 26.5 MW 3) 1147.14 MCM (Gross)	2008-09 = 450 2009-10 = 720 2010-11 = 1412.94 2011-12 = Nil 2012-13 = 405 2013-15 = Nil 2015-17 = Nil 2017-18 = 166.593 2018-19 = 195.81 2019-20 = 50.34 2020-21 = 135.244 <b>Total= 3535.927+B</b>	Dec, 2023
3	Shahpurkandi Dam Project	Under Execution	Punjab (Ravi)	1) 0.37 Lakh 2) 206 MW 3) 120.71 MCM (Gross)	2009-10 = 10.80 2010-11 = 15.236 2011-18 = Nil 2018-19 = 3.705 2019-20 = 56.295 2020-21 = 147.466 <b>Total = 233.506</b>	April, 2023
4	Saryu Nahar Pariyojana	Under Execution	Uttar Pradesh (Diversion Scheme among Rivers Ghaghara, Saryu, Rapti & Bansagar/Ganga)	1) 14.04(NP Component: 4.73) 2) – 3) Barrage	2012-13 = 67.98 2013-14 = 380.75 2014-15 = 210.855 2015-16 = 500.00 2016-17 = 62.00 2017-18 = 0.00 2018-19 = 305.00 2019-20 = 259.22 2020-21 = 358.30 <b>Total = 2243.1</b>	2021-22

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**Table 1.15: List of Water Resources Projects declared as National Projects**

<b>Sl. No</b>	<b>Name of the Project</b>	<b>Status</b>	<b>State (River/Basin)</b>	<b>1) Irrigation (Ha) 2) Power (MW) 3) Storage (MCM)</b>	<b>Year wise Central Assistance Released under Scheme of National Projects (Rs Cr)</b>	<b>Date of Completion</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
5	Teesta Barrage Project	Under Execution	West Bengal (Teesta)	1) 9.23 Lakh (NP component :5.27) 2) 1000 MW 3) Barrage	2010-11=81 2011-12= 97.20 2012-13 = Nil 2013-14 = Nil 2014-15 = Nil <b>Total = 178.20</b>	Project is at standstill since 2014-15 due to land acquisition issues
6	Ujh Multipurpose Project	accepted by the Advisory Committee of DoWR	J&K (Ujh / Ravi)	1) 0.77 Lakh 2) 196 MW 3) 925 MCM (Gross)	Nil	---
7	Lakhwar Multipurpose Project	accepted by the Advisory Committee of DoWR	Uttarakhand (Yamuna)	1) 0.3378 Lakh 2) 300 MW 3) 587.84 MCM (Gross)	Nil	----
8	Renuka Dam Project	accepted by the Advisory Committee of DoWR	HP (Giri/Yamuna)	1) Drinking water 2) 40 MW 3) 498.33 MCM (Live)	446.96 <sup>#</sup>	---
9	Noa-Dihing Dam Project	Appraisal Stage	Arunachal Pradesh (Noa-Dihing)	1) 0.036 Lakh (CCA) 2) 72 MW 3) 322.00 MCM (Gross)	Nil	---
10	Kulsi Dam Project	Appraisal Stage	Assam (Kulsi) Tributary of Brahmaputra	1) 0.0395 Lakh (GIA) 2) 55 MW 3) 525.64 MCM (Gross)	Nil	---
11	Kishau Multipurpose Project	Revised DPR under Preparation	HP/ Uttarakhand	1) 0.97 Lakh Ha 2) 660 MW 3) 1824 MCM (Gross)	Nil	---
12	Bursar HE Project	Appraisal Stage	J&K (Marusudar/ Chenab / Indus)	1) 1.74 Lakh (Indirect) 2) 800 MW 3) 616.74 MCM (Gross)	Nil	---

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**Table 1.15: List of Water Resources Projects declared as National Projects**

Sl. No	Name of the Project	Status	State (River/Basin)	1) Irrigation (Ha) 2) Power (MW) 3) Storage (MCM)	Year wise Central Assistance Released under Scheme of National Projects (Rs Cr)	Date of Completion
1	2	3	4	5	6	7
13	Ken Betwa Link Project	Appraisal Completed (Ph-1) / Comprehensive DPR including Phase-II under Appraisal	Madhya & Uttar Pradesh (Ken & Betwa/ Yamuna Basin)	1) 9.04 Lakh 2) 130 MW 3) 3495 MCM (Live)	Nil	---
14	2 <sup>nd</sup> Ravi Vyas Link Project	under DPR / PFR stage	Punjab (Ravi Beas Link)	Harness water flowing across border (about 715.42 MCM in non-monsoon period)	Nil	---
15	Upper Siang Project	under DPR / PFR stage	Arunachal Pradesh (Siang)	1) Indirect 2) 9750 MW 3) 1776.21 MCM (Gross) 4) Flood moderation	Nil	
16	Gyspa HE Project	under DPR / PFR stage	HP (Bhaga / Chenab / Indus)	1) 0.50 Lakh Ha 2) 300 MW 3) 912.78 MCM (Live)	Nil	

Source: National Projects Directorate, Central Water Commission, M/o Jal Shakti

Note:

# In view of the SLP (C) No-19409 of 2015 (Arising out of impugned final order dated 20.11.2014 in CWP No-4739/2014 passed by Hon'ble High Court of H.P), Government of India had released as a special case one time assistance of Rs. 446.96 Cr vide its order dated 03.10.2016 for payment of compensation to the outsees whose land has been acquired for the project.

A: CA amounting to Rs. 418.33 Cr for 2021-22 for Polavaram Irrigation Project was forwarded to SPR, DoWR, RD & GR vide letter dated 28.04.2021.

B: CA amounting to Rs. 73.625 Cr for 2021-22 for Gosikhurd Irrigation Project was forwarded to SPR, DoWR, RD & GR vide letter dated 12.07.2021.

**Table 1.16 (a): Percentage of Rural Population getting Safe and Adequate Drinking Water within their premises through Pipe Water Supply (PWS) as on 01.04.2020**

<b>Sl. No.</b>	<b>State/UT</b>	<b>Total Rural Population</b>	<b>Rural Population getting Safe and Adequate Drinking Water within their Premises through PWS</b>	<b>(Population in Lakh)</b>
				<b>Percentage of Rural Population getting Safe and Adequate Drinking Water within their Premises through PWS</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Andaman & Nicobar Islands	2.52	2.25	89.29
2	Andhra Pradesh	381.46	261.24	68.48
3	Arunachal Pradesh	12.63	4.39	34.76
4	Assam	317.86	70.81	22.28
5	Bihar	1,018.95	668.40	65.60
6	Dadra & Nagar Haveli and Daman & Diu	4.20	0.00	0.00
7	Chhattisgarh	209.31	110.16	52.63
8	Goa	11.37	11.17	98.24
9	Gujarat	439.60	430.44	97.92
10	Haryana	181.98	177.21	97.38
11	Himachal Pradesh	75.25	56.8	75.48
12	Jammu & Kashmir	109.08	57.73	52.92
13	Jharkhand	310.8	100.26	32.26
14	Karnataka	421.52	237.52	56.35
15	Kerala	287.52	101.36	35.25
16	Ladakh	2.55	0.76	29.80
17	Madhya Pradesh	600.99	295.45	49.16
18	Maharashtra	671.49	430.38	64.09
19	Manipur	24.24	16.87	69.60
20	Meghalaya	33.04	7.74	23.43
21	Mizoram	6.39	3.00	46.95
22	Nagaland	19.63	6.93	35.30
23	Odisha	375.15	221.98	59.17
24	Puducherry	5.59	5.34	95.53
25	Punjab	184.2	146.98	79.79
26	Rajasthan	571.43	186.70	32.67
27	Sikkim	4.88	1.82	37.30
28	Tamil Nadu	468.97	344.06	73.37
29	Telangana	207.74	195.83	94.27
30	Tripura	34.97	20.38	58.28
31	Uttar Pradesh	1,694.16	357.57	21.11
32	Uttarakhand	69.13	37.09	53.65
33	West Bengal	751.03	268.49	35.75
<b>Total</b>		<b>9,509.63</b>	<b>4,837.11</b>	<b>50.87</b>

Source: D/o Drinking Water & Sanitation, M/o Jal Shakti

As per IMIS 10.05.2021, As per 40 LPCD

Note: Data is continuously updated by the State Departments, hence date wise information may vary.

**Table 1.16 (b): Percentage of Rural Population getting Safe Drinking Water using Improved Drinking Water Sources as on 01-04-2020**

Sl. No.	State/UT	Total Rural Population	Rural Population getting Safe Drinking Water using Improved Drinking Water Sources	(Population in Lakh) Percentage % of Rural Population getting Safe Drinking Water using Improved Drinking Water Sources
				4
1	2	3	4	5
1	Andaman & Nicobar Islands	2.52	2.52	100.00
2	Andhra Pradesh	381.46	380.57	99.77
3	Arunachal Pradesh	12.63	11.7	92.64
4	Assam	317.86	233.92	73.59
5	Bihar	1,018.95	962.12	94.42
6	Dadra & Nagar Haveli and Daman & Diu	4.20	4.20	100.00
7	Chhattisgarh	209.31	208.47	99.60
8	Goa	11.37	11.37	100.00
9	Gujarat	439.6	439.60	100.00
10	Haryana	181.98	181.40	99.68
11	Himachal Pradesh	75.25	75.25	100.00
12	Jammu & Kashmir	109.08	108.96	99.89
13	Jharkhand	310.80	309.85	99.69
14	Karnataka	421.52	419.37	99.49
15	Kerala	287.52	285.57	99.32
16	Ladakh	2.55	2.55	100.00
17	Madhya Pradesh	600.99	598.77	99.63
18	Maharashtra	671.49	668.75	99.59
19	Manipur	24.24	24.24	100.00
20	Meghalaya	33.04	33.03	99.97
21	Mizoram	6.39	6.38	99.84
22	Nagaland	19.63	19.62	99.95
23	Odisha	375.15	368.02	98.10
24	Puducherry	5.59	5.36	95.89
25	Punjab	184.2	170.23	92.42
26	Rajasthan	571.43	514.71	90.07
27	Sikkim	4.88	4.88	100.00
28	Tamil Nadu	468.97	468.97	100.00
29	Telangana	207.74	207.74	100.00
30	Tripura	34.97	28.07	80.27
31	Uttar Pradesh	1,694.16	1686.9	99.57
32	Uttarakhand	69.13	68.63	99.28
33	West Bengal	751.03	711.94	94.80
<b>Total</b>		<b>9,509.63</b>	<b>9223.66</b>	<b>96.99</b>

Source: D/o Drinking Water & Sanitation, M/o Jal Shakti

As per IMIS 10.05.2021, As per 40 LPCD

Note: Data is continuously updated by the State Departments, hence date wise information may vary.

**Table 1.17: Status of Large Hydro Electric Potential Development  
(In terms of Installed Capacity – Above 25 MW)**

(as on 31.03.2021)

Region/ State	Identified Capacity as per Reassessment Study	Capacity In Operation		Capacity Under Active Construction		Capacity on which Construction is held up		Capacity yet to be taken up under construction	
	Above 25 MW (MW)	(MW)	%	(MW)	(%)	(MW)	(%)	(MW)	%
1	2	3	4	5	6	7	8	9	10
<b>Northern</b>									
Jammu & Kashmir	11567	3360	29.05	1661.5	14.36	898	7.76	5647.5	48.82
Ladakh	2046	89	4.35	0	0	0	0	1957	95.65
Himachal Pradesh	18470	9920	53.71	2180	11.8	44	0.24	6326	34.25
Punjab	971	1096.3	100	206	21.22	0	0	0	0
Haryana#	64	0	0	0	0	0	0	0	0
Rajasthan##	483	411	85.09	0	0	0	0	0	0
Uttarakhand	17998	3855.4	21.42	624	3.47	767	4.26	12751.7	70.85
Uttar Pradesh*	664	501.6	75.54	0	0	0	0	162.4	24.46
<b>Sub Total (NR)</b>	<b>52263</b>	<b>19233.3</b>	<b>36.8</b>	<b>4671.5</b>	<b>8.94</b>	<b>1709</b>	<b>3.27</b>	<b>26649.3</b>	<b>50.99</b>
<b>Western</b>									
Madhya Pradesh	1970	2235	100	0	0	400	20.3	0	0
Chhattisgarh	2202	120	5.45	0	0	0	0	2082	94.55
Gujarat###	590	550	100	0	0	0	0	0	0
Maharashtra	3314	2647	79.87	0	0	0	0	667	20.13
Goa	55	0	0	0	0	0	0	55	100
<b>Sub Total (WR)</b>	<b>8131</b>	<b>5552</b>	<b>68.28</b>	<b>0</b>	<b>0</b>	<b>400</b>	<b>4.92</b>	<b>2179</b>	<b>26.8</b>
<b>Southern</b>									
Andhra Pradesh	3261	1610	49.37	0	0	960	29.44	691	21.19
Telangana	1099	800	72.79	0	0	0	0	299	27.21
Karnataka	6459	3644.2	56.42	0	0	0	0	2814.8	43.58
Kerala	3378	1856.5	54.96	100	2.96	0	0	1421.5	42.08
Tamil Nadu	1693	1778.2	100	0	0	0	0	0	0
<b>Sub Total (SR)</b>	<b>15890</b>	<b>9688.9</b>	<b>60.97</b>	<b>100</b>	<b>0.63</b>	<b>960</b>	<b>6.04</b>	<b>5141.1</b>	<b>32.35</b>
<b>Eastern</b>									
Jharkhand	582	170	29.21	0	0	0	0	412	70.79
Bihar####	40	0	0	0	0	0	0	0	0

Contd...

**Table 1.17: Status of Large Hydro Electric Potential Development  
(In terms of Installed Capacity – Above 25 MW)**

(as on 31.03.2021)

Region/ State	Identified Capacity as per Reassessment Study	Capacity In Operation		Capacity Under Active Construction		Capacity on which Construction is held up		Capacity yet to be taken up under construction	
	Above 25 MW (MW)	(MW)	%	(MW)	(%)	(MW)	(%)	(MW)	%
1	2	3	4	5	6	7	8	9	10
Odisha	2981	2142.3	71.86	0	0	0	0	838.8	28.14
West Bengal	2829	441.2	15.6	120	4.24	0	0	2267.8	80.16
Sikkim	4248	2169	51.06	596	14.03	537	12.64	946	22.27
<b>Sub Total (ER)</b>	<b>10680</b>	<b>4922.5</b>	<b>46.09</b>	<b>716</b>	<b>6.7</b>	<b>537</b>	<b>5.03</b>	<b>4504.6</b>	<b>42.18</b>
<b>North Eastern</b>									
Meghalaya	2298	322	14.01	0	0	0	0	1976	85.99
Tripura	0	0	0	0	0	0	0	0	0
Manipur	1761	105	5.96	0	0	0	0	1656	94.04
Assam	650	350	53.85	0	0	0	0	300	46.15
Nagaland	1452	75	5.17	0	0	0	0	1377	94.83
Arunachal Pradesh	50064	1115	2.23	2000	3.99	0	0	46949	93.78
Mizoram	2131	60	2.82	0	0	0	0	2071	97.18
<b>Sub Total (NER)</b>	<b>58356</b>	<b>2027</b>	<b>3.47</b>	<b>2000</b>	<b>3.43</b>	<b>0</b>	<b>0</b>	<b>54329</b>	<b>93.1</b>
<b>All India</b>	<b>145320</b>	<b>41423.6</b>	<b>28.51</b>	<b>7487.5</b>	<b>5.15</b>	<b>3606</b>	<b>2.48</b>	<b>92802.9</b>	<b>63.86</b>

Source: Hydro Electric Power Reassessment Division, Central Electricity Authority, M/o Power

Note: 1. Does not include pumped storage Projects

2. In some States the total of the capacity developed and balance capacity is different from the potential assessed. This is due to change in capacity of the Projects, addition/deletion of the Projects and merger of two Projects in to one etc.

#Eastern Yamuna Canal Project (35 MW) has been developed in 2 stages each having Installed Capacity below 25 MW

# Western Yamuna Canal Project (64 MW) has been developed in 4 stages each having Installed Capacity below 25 MW

##Two Projects namely Mahi Bajaj Sagar I &amp; II were identified for I.C. of 97 MW has been developed with I.C of 140 MW. Gandhi Sagar (115 MW) Project was identified in Rajasthan but has been developed in Madhya Pradesh with same capacity.

###Two Projects namely Ukai Dam and Sardar Sarovar were identified for an I.C. of 590 MW. However, as per actual, the I.C. is 550 MW.

#### Identified project namely East Gandak Canal has been developed with installed capacity below 25 MW

3. In addition to above 9 PSS (4785.6 MW) are under operation, 2 PSS (1500 MW) are under active construction, 1 PSS (80 MW) on which construction is held up and 1PSS (1000 MW) is Concurred by CEA, 1 PSS (1200 MW) is under examination in CEA, 8 PSS (7530 MW). are under S&amp;I and 1 PSS of I.C. 660 MW is under Held-up list.

**Table 1.18: Status of Large Hydro Electric Potential Development - Basin-wise  
(In terms of Installed Capacity above 25 MW)**

(as on 31.03.2021)

<b>Basin</b>	<b>Identified Capacity as per Reassessment study</b>	<b>Capacity in Operation</b>		<b>Capacity under Active Construction</b>		<b>Capacity on which Construction is Held-Up</b>		<b>Capacity yet to be taken up under Construction</b>	
	<b>Above 25 MW (MW)</b>	<b>(MW)</b>	<b>( % )</b>	<b>(MW)</b>	<b>( % )</b>	<b>(MW)</b>	<b>( % )</b>	<b>(MW)</b>	<b>( % )</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
Indus	33028	14294.3	43.28	4047.5	12.25	898.0	2.72	13788.2	41.75
Ganga	20252	5527.2	27.29	624.0	3.08	811.0	4.00	13289.9	65.62
Central Indian Rivers	3868	3147.5	81.37	0.0	0.00	400.0	10.34	320.5	8.29
West Flowing Rivers	8997	5631.7	62.60	100.0	1.11	0.0	0.00	3265.3	36.29
East Flowing Rivers	13775	8249.0	59.88	0.0	0.00	960.0	6.97	4566.1	33.15
Brahmaputra	65400	4574.0	6.99	2716.0	4.15	537.0	0.82	57573.0	88.03
<b>All India</b>	<b>145320</b>	<b>41423.6</b>	<b>28.51</b>	<b>7487.5</b>	<b>5.15</b>	<b>3606.0</b>	<b>2.48</b>	<b>92802.9</b>	<b>63.86</b>

Source: Hydro Electric Power Reassessment Division, Central Electricity Authority, M/o Power

Note: 1. Does not include pumped storage schemes.

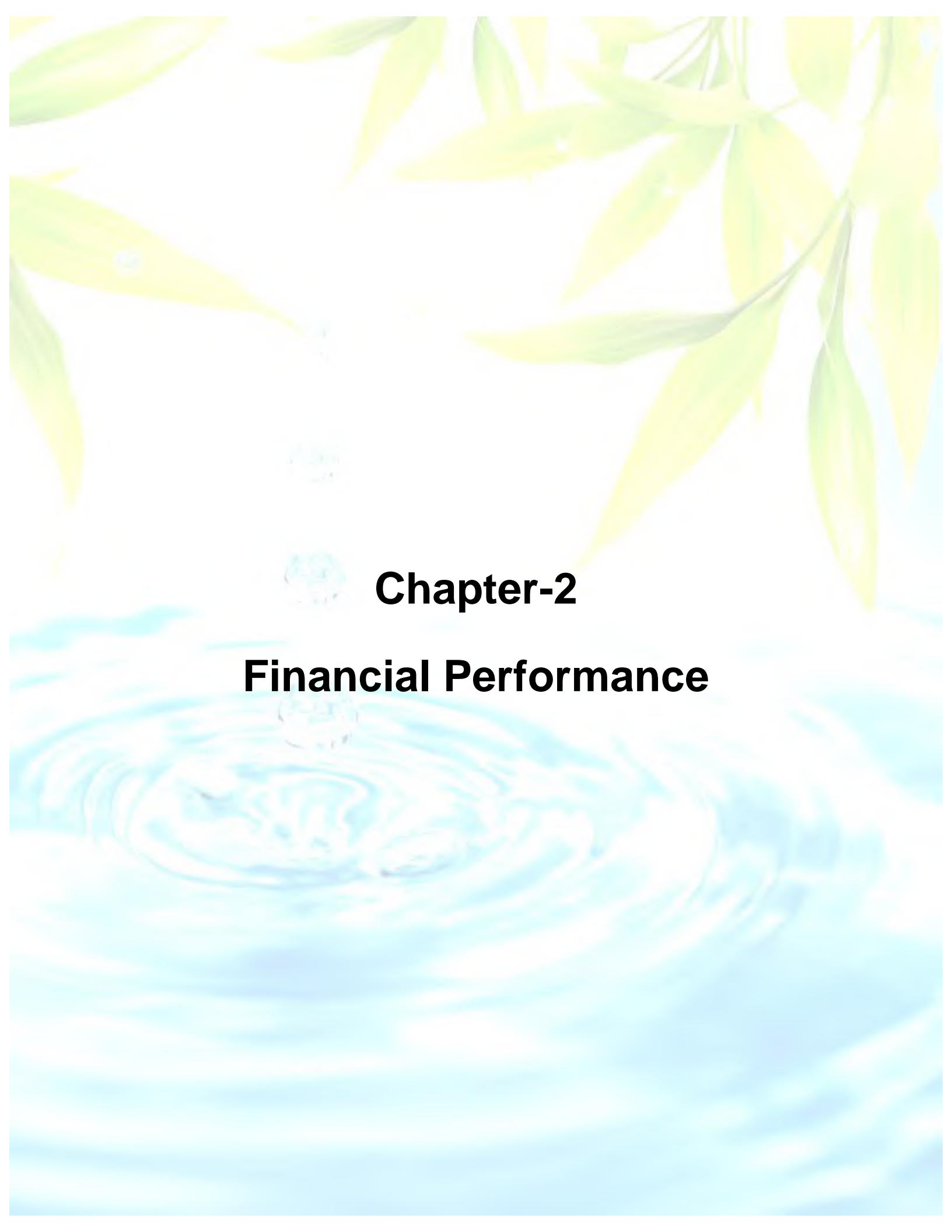
2. In some states the total of the capacity developed and balance capacity is different from the potential assessed. This is due to change in capacity of the Projects, addition/deletion of the Projects and merger of two Projects into one etc.

3. In addition to above 9 PSS (4785.6 MW) are under operation, 3 PSS (1500 MW) are under active construction. 1 PSS (80 MW) on which construction is held up and 1 PSS (1000 MW) is Concurred by CEA, 1 PSS (1200 MW) is under examination in CEA, 8 PSS (7530 MW) are under S&I and 1 PSS of I.C. 660 MW is under Held-up list.

**Table 1.19: Hydro Electric Power Installed Capacity and Generation - All India (Utilities)**

Sl. No.	Year	Installed Capacity (Utilities)			Generation (Utilities)			Load Factor
		Total (MW)	Hydro (MW)	Percentage Installed Capacity of Total	Total (GWH)	Hydro (GWH)	Percentage Generation of Total	
1	2	3	4	5	6	7	8	9
1	1947	1361.80	508.10	37.30	4073.30	2194.50	53.90	49
2	1950	1712.50	559.30	32.70	5106.70	2519.80	49.30	51
3	1955	2694.80	939.50	34.90	8592.50	3742.20	43.60	45
4	1960-61	4653.10	1916.70	41.20	16937.00	7836.60	46.30	47
5	1965-66	9027.00	4123.70	45.70	32990.10	15225.00	46.20	42
6	1973-74	16663.60	6965.30	41.80	66689.00	28971.80	43.40	47
7	1979-80	28447.80	11384.00	40.00	104627.30	45477.60	43.50	46
8	1985-86	46796.00	15471.60	33.10	170350.10	51020.80	30.00	38
9	1989-90	63627.30	18307.60	28.80	245437.90	62116.10	25.30	39
10	1990-91	66086.30	18753.40	28.40	264328.60	71641.30	27.10	44
11	1995-96	83293.50	20985.60	25.20	379877.10	72579.20	19.10	39
12	1996-97	85795.40	21658.10	25.20	395889.50	68900.80	17.40	36
13	1997-98	89102.30	21904.50	24.60	421747.30	74581.70	17.70	39
14	1998-99	93293.50	22479.10	24.10	448544.10	82922.60	18.50	42
15	1999-00	97884.50	23856.80	24.40	481055.20	80755.50	16.80	39
16	2000-01	101626.20	25152.90	24.80	501204.10	74361.90	14.80	34
17	2001-02	105046.00	26268.80	25.00	517439.40	73579.90	14.20	32
18	2002-03	107877.40	26766.80	24.80	532693.00	64013.70	12.00	27
19	2003-04	112683.50	29506.80	26.20	565101.70	75242.50	13.30	29
20	2004-05	118425.70	30942.20	26.10	594456.20	84610.40	14.20	31
21	2005-06	124287.20	32325.80	26.00	623819.50	101494.40	16.30	36
22	2006-07	132329.20	34653.80	26.20	670654.20	113501.60	16.90	37
23	2007-08	143061.00	35908.80	25.10	722625.50	120386.70	16.70	38
24	2008-09	147965.41	36877.76	24.90	741167.36	110098.50	14.90	34
25	2009-10	159398.50	36863.40	23.10	799850.60	104059.40	13.00	32
26	2010-11	173626.40	37567.40	21.60	844748.20	114415.50	13.50	35
27	2011-12	199877.00	38990.40	19.50	922451.10	130511.50	14.10	38
28	2012-13	223343.60	39491.40	17.70	964488.90	113720.30	11.80	33
29	2013-14	248554.39	40531.41	16.31	1026648.58	134847.53	13.13	38
30	2014-15	274904.37	41267.43	15.01	1105071.65	129243.69	11.70	36
31	2015-16	305162.50	42783.42	14.02	1167584.03	121376.65	10.40	32
32	2016-17	326832.53	44478.42	13.61	1235357.98	122377.56	9.91	31
33	2017-18	344002.39	45293.42	13.17	1303454.68	126122.70	9.68	32
34	2018-19	356100.19	45399.22	12.75	1371779.48	134893.62	9.83	34
35	2019-20	370106.46	45699.22	12.35	1383416.75	155769.12	11.26	39

Source: PDM Division, Central Electricity Authority, M/o Power



## **Chapter-2**

# **Financial Performance**



## Chapter-2

# Financial Performance

This chapter deals with the financial aspects of water and related sectors in the country.

### **2.1 Accelerated Irrigation Benefits Programme (AIBP)**

Irrigation is a state subject and irrigation projects are formulated, executed and funded by the State Governments themselves from their own resources. Central assistance is released in the form of block loans and grants not tied to any sector of development or project. A large number of major and medium irrigation projects in the country are languishing due to various reasons, the most important of them being inadequate provision of funds by the concerned State Governments. As a result, large amount of funds spent on these projects are locked up and the benefits envisaged at the time of formulation of project reports could not be achieved. This is a cause of concern to the nation and initiative is required at the national level to remedy the situation. Since the irrigation projects are capital intensive, and states with limited resources, at their disposal find themselves unable to meet the desired fund demands of all the projects, the implementation of these projects get delayed.

Keeping the above in view, Central Government, during 1996-97, launched an Accelerated Irrigation Benefits Programme (AIBP) to provide Central Loan Assistance (CLA) to major/medium irrigation projects in the country, with the objective to accelerate the implementation of those projects which were beyond resource capability of the States or were in advanced stage of completion. While selecting the projects, special emphasis was to be given to Pre-fifth and Fifth Plan projects. Priorities were also given to those projects which were benefiting Tribal and Drought Prone Areas.

Since inception altogether, 297 major and medium irrigation projects have been included under AIBP, out of which 143 projects have been completed and five projects have been deferred, leaving 149 projects as ongoing as on 2015-16. A total sum of Rs. 52,918 Cr was provided to State Governments in the form of Central Assistance till March, 2016 for Major and Medium Irrigation Projects under AIBP and an Irrigation Potential of 8,913 Th. Ha has been created up to March, 2016.

### **2.2 Command Area Development & Water Management (CAD&WM)**

During the post independence era, a large number of irrigation projects were constructed for increasing agricultural production in the country. However, during early seventies analysis of irrigation potential created and utilised, revealed that there was a substantial gap between them. The Irrigation Commission made specific recommendations in its report in 1972 that systematic development of commands of irrigation projects should be taken up in order to fully utilise the irrigation potential created. Subsequently, a Committee of Ministers set up by the Ministry of Irrigation and Power, analysed the issue and suggested in 1973 that a broad based Area Development Authority should be set up for every major irrigation project to undertake the work of comprehensive area development. Based on this recommendation, the Government of India initiated a Centrally Sponsored Command Area Development Programme (CADP) in December,

1974 to improve irrigation potential utilisation and optimise agricultural production from irrigated land through integrated and coordinated approach of efficient water management.

In tune with objectives of the programme, a number of components such as construction of field channels and field drains, enforcement of warabandi, land levelling and shaping, realignment of field boundaries/ consolidation of holdings, introduction of suitable cropping patterns, strengthening of extension services etc. were included in the programme. Subsequently, in view of emergent needs a few more components like farmers participation and reclamation of waterlogged areas were included in the programme with effect from 1<sup>st</sup> April, 1996 to make the programme more beneficial to the farmers.

Review of the Programme implementation during the VIII and IX Five Year Plan periods, noticed a number of constraints such as unreliability of water supply at the outlet due to deficiencies in the irrigation system above the outlet, absence of link and intermediate drains to let out surplus water into main drains, non-inclusion of minor irrigation projects from non-hilly areas, low priority by the State Governments to extension and training activities, non-revision of cost norms for various activities. In view of these constraints, the programme has been restructured for the remaining period of X Plan (2004-07) and renamed as 'Command Area Development and Water Management Programme (CAD&WM Programme)' to make it more comprehensive and beneficial to farmers. As stated above, during XII Plan, the CAD&WM programme has been implemented pari-passu with Accelerated Irrigation Benefits Programme (AIBP).

The programme has now been brought under the umbrella scheme of Pradhan Mantri Krishi Sinchayee Yojna (PMKSY) –'Har Khet Ko Pani' from 2015-16 onwards. The main objective of taking up CAD works is to enhance utilisation of irrigation potential created, bring overall efficiency in water utilisation and improve agriculture production on a sustainable basis through Participatory Irrigation Management (PIM). In order to promote water use efficiency in irrigation, the CAD&WM programme has also been targeting development of micro-irrigation infrastructure for facilitating use of sprinkler/drip irrigation systems. The CAD&WM programme also mandates formation of Water Users' Associations (WUAs) under each project, and also gives them start-up support through one-time infrastructure grant and functional grant.

The erstwhile Planning Commission stopped supplying of the data since its reorganisation as NITI Aayog. Hence the data is available only up to XI Plan. During XII Plan (2012-17), the plan-wise schemes have been done away with and an umbrella scheme of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) was launched in June, 2015 under the chairmanship of Hon'ble Prime Minister of India amalgamating ongoing schemes viz. Accelerated Irrigation Benefits Programme (AIBP) of the erstwhile Ministry of Water Resources, River Development & Ganga Rejuvenation (M/oWR, RD&GR), Integrated Watershed Management Programme (IWMP) of Department of Land Resources (D/o LR) and the On Farm Water Management (OFWM) of Department of Agriculture and Cooperation (DAC).

### **2.3 Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)**

Government of India launched Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) during the year 2015-16, with an aim to enhance physical access of water on farm and expand cultivable area under assured irrigation, improve on-farm water use efficiency, introduce sustainable water conservation practices, etc. PMKSY has various components viz. Accelerated Irrigation Benefits Programme (AIBP), PMKSY –Har Khet Ko Pani (HKKP) including Command Area Development and Water Management (CADWM), Surface-Minor Irrigation (SMI) and Repair,

Renovation and Restoration (RRR) of Water Bodies [Implemented by DoWR, RD&GR, MoJS], PMKSY - Per Drop More Crop (PDMC) [Implemented by Ministry of Agriculture & Farmers Welfare] and PMKSY - Watershed Development Component (WDC) [Implemented by Department of Land Resources].

During 2015-2016, Central Assistance of 1827.82 Cr was released for PMKSY-AIBP Projects and an additional irrigation potential of 5.34 l ha was created during the period.

Further, during 2016-17, Ninety-Nine (99) on-going Major/Medium irrigation projects (and 7 phases) under PMKSY-AIBP having ultimate irrigation potential of 76.03 Lakh were prioritized in consultation with States for completion in phases along with their Command Area Development & Water Management (CADWM) works. Funding mechanism through NABARD has also been approved by the Government for both Central and State Share. During 2016-2017, 2017-2018, 2018-2019, 2019-2020 and 2020-21; Central Assistance of Rs 3307.97 Cr, Rs 3593.69 Cr, Rs 2871.57 Cr, Rs 1745.76 Cr and Rs. 1508.78 Cr has been released respectively. Ultimate Irrigation Potential of these 99 projects was 76.03 Lakh Ha, out of which 41.39 Lakh Ha. was created up to 31.03.2016. During 2016-2021, **an additional potential of 22.71 Lakh Ha has been created through these projects with a cumulative irrigation potential of 64.10 Lakh Ha till March, 2021.** (2016-17: 5.11 Lakh Ha; 2017-18: 7.03 Lakh Ha; 2018-19: 6.15 Lakh Ha; 2019-20: 3.17 Lakh Ha; 2020-2021: 1.25 Lakh Ha).

Among 99 priority projects (106 including phases) of PMKSY, 10 projects do not require CAD&WM. Out of the remaining projects, 91 projects have been included under PMKSY-CAD&WM as on date. The details are given in Appendix table no.-2.3.

Detailed State-wise status of proposal on CAD&WM component for 99 Prioritized projects is presented in Appendix table no.-2.4 which includes Expenditure, Financial and Physical Progress of these projects for the year 2016-17 to 2018-19.

## 2.4 Minor Irrigation Census

All ground water schemes and surface water schemes (both flow and lift) having Culturable Command Area (CCA) up to 2,000 Ha individually are classified as Minor Irrigation schemes. A major share of irrigation is contributed by minor irrigation schemes across the country and the share of different type of minor irrigation schemes has also been changing over time. In order to study the composition of the minor irrigation sector and other related aspects, there was a need for a sound and reliable database on the minor irrigation sector, which could provide a strong foundation for planning and policy formulation. In order to meet this objective, Minor Irrigation Censuses are being conducted under the 'Rationalisation of Minor Irrigation Statistics (RMIS)' scheme till date. The Centrally Sponsored Plan Scheme RMIS was launched in 1987-88 with 100% Central assistance to the States/UTs. Currently Irrigation Census (parent component of 'RMIS') is a standalone component under Umbrella Scheme- Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) and other Schemes.

So far, five Censuses have been conducted with reference years 1986-87, 1993-94, 2000-01, 2006-07 & 2013-14 respectively. The report of 5<sup>th</sup> MI census was published in 2017 and is available on the website of the Department of Water Resources, RD & GR. The Census throws light on important aspects like Irrigation Potential Created and Utilized through minor irrigation structures- both ground and surface water, water distribution practices employed by owners of these schemes and also sources used for energisation of these schemes.

The Plan-wise expenditure on Minor Irrigation is presented in the following table T1. It is seen that the expenditure on Minor irrigation during 2012-17 has increased by about 54% as compared to XI Plan and from the year 2017-18 it shows a decreasing trend till the year 2020-21 (up to December, 2020).

Table T1: Expenditure on Minor Irrigation (Rs. in Cr)						
Tenth Plan	Eleventh Plan	Twelfth Plan	Year			
(2002-07)	(2007-12)	(2012-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21) Up to Dec., 2020
1	2	3	4	5	6	7
3257.35	3058.7	4712.31	1512.73	1035.48	853.71	451.81

Source: Minor Irrigation (Stat) Wing, D/o WR, RD & GR, M/o Jal Shakti

While analysing State-wise expenditure on Minor irrigation for the period of 2017-18 to 2020-21 (up to December, 2020) (Table T2 as given below), it was found that the maximum expenditure was in Maharashtra followed by Karnataka, Tamil Nadu, Kerala, Gujarat, Bihar, Andhra Pradesh, Rajasthan, Haryana and Punjab. The expenditure in respect of these States was about 95% of the total expenditure for the period of 2017-18 to 2020-21 (up to December, 2020). The details on Minor Irrigation are given in Appendix table no. - 2.5.

Table T2: Expenditure on Minor Irrigation – Contribution of Selected States for the Period of 2017-18 to 2020-21 (up to December, 2020) (Rs. in Cr)	
State	2017-18 to 2020-21 (up to December, 2020)
1	2
Maharashtra	1166.92
Karnataka	921.07
Tamil Nadu	454.81
Kerala	348.51
Gujarat	252.33
Bihar	140.12
Andhra Pradesh	121.86
Rajasthan	101.91
Haryana	91.15
Punjab	54.07

Source: Minor Irrigation (Stat.) Wing, D/o WR, RD & GR, M/o Jal Shakti

## 2.5 Repair Renovation and Restoration (RRR) of Water Bodies Scheme

Government of India is presently implementing the Scheme for Repair, Renovation and Restoration (RRR) of Water Bodies which has multiple objectives like comprehensive improvement and restoration of water bodies thereby increasing Tank storage capacity, Ground

water recharge, Increased availability of drinking water, Improvement in agriculture/horticulture productivity, Improvement of catchment areas of tank commands, Environmental benefits through improved water use efficiency; by promotion of conjunctive use of surface and ground

water, community participation and self-supporting system for sustainable management for each water body, capacity building of communities in better water management and development of tourism, cultural activities, etc.

Centre has released assistance to States for the Water bodies during XII plan and onwards under RRR of water bodies Scheme till March, 2021 to the tune of Rs. 469.68 Cr while cumulative expenditure for this scheme till March, 2021 was Rs. 962.39 Cr.

The detailed information of Central Assistance Released and Expenditure occurred on this scheme is presented in Appendix table no.- 2.6. After analysing this table, it is found that 1,549 Water Bodies have been completed out of 2,228 till March, 2021.

## **2.6 Central Sector Water Resources Projects including Namami Gange Programme**

The Infrastructure & Project Monitoring Division (IPMD) under M/o Statistics & Programme Implementation is the Project Management arm and apex monitoring institution of the Government of India. It has studied the implementation status of central sector projects costing Rs. 150 Cr and more in 24 infrastructure sectors, during the month of March, 2021.

The physical performances of all the infrastructure projects have been measured by IPMD in terms of milestones and percentage physical progress against the target dates and quantities; whereas, the financial performance has been measured on a yearly basis with respect to the link expenditure on each project. IPMD brings out reports like 'Monthly Flash Report on Central Sector Projects' (Rs. 150 Cr and above) in which the projects with time and cost overrun are flagged and forward the same to Prime Minister's Office, Cabinet Secretariat, Ministry of Finance, NITI Aayog and the concerned administrative Ministries.

In this publication, total 49 Central Sector Projects each having value of Rs. 150 Cr and above in respect of water resources sector are presented with respect to time and cost overrun as on March, 2021. During the month of March, 2021, there were 1737 central sector ongoing projects across the different Ministries of Government of India; and each project having cost Rs. 150 Cr and above. Out of these, 3 projects are added during the reference month. A total of 557 projects are found to be delayed with respect to their original schedules and 99 projects have reported additional delays vis-à-vis their date of completion reported in the previous month.

Out of 1737 central sector projects costing Rs. 150 Cr (and above) as on March, 2021, 35 are Mega Projects costing Rs. 1000 Cr (and above) and out of stated 49 water resources sector projects of Rs. 150 Cr (and above), there is one Mega project namely Polavaram Irrigation Project costing Rs.1000 Cr (and above).

The details of 49 ongoing central sector water resources projects of Rs. 150 Cr and above, are given in Table T3 below:

**Table T3: Ongoing Central Sector Water Resources Projects Costing Rs. 150 Cr and above  
(as on March, 2021)**

Sl. No.	Project	Date of Approval	Original / Revised Cost (in Rs. Cr)	Anticipated Cost (in Rs. Cr)	Cumulative Expenditure Cost (in Rs. Cr)	Original/ Revised Date of Commissioning (Month/Year)	Anticipated Date of Commissioning (Month/Year)	Cost Over run (in Rs. Cr)	Time Overrun (in months)
1	2	3	4	5	6	7	8	9	10
<b>Andhra Pradesh</b>									
1	Polavaram Irrigation Project*	02/2009	10,151.04 55,548.87	55,548.87	17,025.01	03/2020 11/2021	04/2022	45,397.83	25
<b>Bihar</b>									
2	Irrigation Work of Bagmati	10/2005	956.00 -	721.37	712.37	03/2015 -	03/2021	-234.63	72
3	Sewer Network Sps And Stp Begusarai	03/2018	230.06 -	230.06	55.02	07/2021 -	07/2021	0.00	0
4	I And D and Stp Works For Bhagalpur	10/2017	254.13 -	254.13	0.05	09/2020 -	-	0.00	-
5	I And D and Stp At Chappra	11/2018	236.15 -	236.15	28.53	12/2020 06/2021	06/2021	0.00	6
6	Sewer Networks Sps And StpHajipur	03/2018	305.19 -	305.19	0.00	08/2021 -	12/2021	0.00	4
7	Sewer Networks Sps And Stp Munger	03/2018	294.02 -	294.02	0.00	10/2021 -	10/2021	0.00	0
8	Sewerage System with Sewer Network Patna Beur	12/2014	225.77 -	225.77	271.22	03/2020 -	03/2021	0.00	12
9	Saidpur Stp And Adjoining Network for Patna Bihar	04/2015	184.93 -	184.93	163.36	04/2020 -	06/2021	0.00	14
10	Saidpur Sewer Network Patna	04/2015	268.63 -	268.63	286.36	01/2021 -	-	0.00	-
11	Sewerage Scheme at Pahari Zone V Patna	05/2017	356.37 -	356.37	90.77	04/2021 -	04/2021	0.00	0
12	Sewerage Scheme at Pahari Zone Iva S Patna	05/2017	184.86 -	184.86	152.78	05/2021 -	05/2021	0.00	0
13	Sewerage Treatment Plant at Pahari Patna	05/2017	191.62 -	191.62	53.08	11/2020 03/2021	03/2021	0.00	4
14	Sewerage System with Sewer Network Patna Karmalichak	03/2017	277.42 -	277.42	133.75	05/2021 -	05/2021	0.00	0
15	Sewerage System and Stp For Kankarbag Zone Patna	08/2017	578.89 -	578.89	40.09	06/2022 -	06/2022	0.00	0
16	Sewerage System and Stp For Digha Zone Patna	08/2017	824.00 -	824.00	40.09	06/2022 -	06/2022	0.00	0
<b>Delhi</b>									
17	Construction of 564 Mld 124 Mgd Waste Water Treatment Plant with Effluent Standards of BOD – 10MG/L	03/2017	665.78 -	665.78	160.36	12/2022 -	12/2022	0.00	0

Contd...

**Table T3: Ongoing Central Sector Water Resources Projects Costing Rs. 150 Cr and above  
(as on March, 2021)**

Sl. No.	Project	Date of Approval	Original / Revised Cost (in Rs. Cr)	Anticipated Cost (in Rs. Cr)	Cumulative Expenditure Cost (in Rs. Cr)	Original/ Revised Date of Commissioning (Month/Year)	Anticipated Date of Commissioning (Month/Year)	Cost Over run (in Rs. Cr)	Time Overrun (in months)
1	2	3	4	5	6	7	8	9	10
18	Rehabilitation and Up-Gradation of Phase I STP 182 MLD R2	05/2016	211.79 -	211.79	64.03	12/2021 -	12/2022	0.00	12
19	Rehabilitation and Upgradation of Kondli Phase I STP 45 MLD Phase II STP 114 MLD and Phase III	05/2016	239.11 -	239.11	129.67	02/2022 -	12/2022	0.00	10
20	Construction of 318 Mld Wwtp with 10 Years O and M at Coronation Pillar Delhi	12/2018	515.07 -	515.07	314.33	01/2021 -	06/2021	0.00	5
21	7 Nos Prioritized Stps 1 No. SPS And Peripheral Sewers in Command Area of Najafgarh Drain Dhansa	05/2017	344.81 -	344.81	.00	05/2020 -	-	0.00	-
<b>Maharashtra</b>									
22	Protection of Majuli Island from Flood And Erosion Of River Brahmaputra *	03/2017	233.57 -	233.57	173.71	12/2019 -	12/2021	0.00	24
<b>Uttar Pradesh</b>									
23	Interception Diversion and Treatment Works for Naini District G Phaphamau District F and Jhusi Area	05/2017	767.59 -	767.59	49.66	09/2021 -	09/2021	0.00	0
24	Integrated Project for Development of Stps In Allahabad Along with Existing Assets	03/2018	904.00 -	904.00	136.55	09/2021 -	09/2021	0.00	0
25	Farrukhabad I And D and Stp Works Ham	10/2017	213.62 261.12	261.12	.00	03/2022 -	03/2022	47.50	0
26	Sewerage Works in Sewerage District I of Kanpur	10/2016	370.40 430.49	430.49	376.22	08/2020 03/2021	03/2021	60.09	7
27	Stp At Pankha Kanpur And Integration with Existing Stps	03/2018	967.23 -	967.23	54.21	09/2021 -	09/2021	0.00	0
28	Sewage Treatment Plant for Assi-Bhu Sewerage District at Ramana	02/2017	161.31 -	161.31	91.38	11/2019 -	03/2021	0.00	16

Contd...

Table T3: Ongoing Central Sector Water Resources Projects Costing Rs. 150 Cr and above (as on March, 2021)									
Sl. No.	Project	Date of Approval	Original / Revised Cost (in Rs. Cr)	Anticipated Cost (in Rs. Cr)	Cumulative Expenditure Cost (in Rs. Cr)	Original/ Revised Date of Commissioning (Month/Year)	Anticipated Date of Commissioning (Month/Year)	Cost Over run (in Rs. Cr)	Time Overrun (in months)
1	2	3	4	5	6	7	8	9	10
29	Interception and Diversion Works with Stp At Bareilly Uttar Pradesh	03/2019	271.39 -	271.39	0.00	08/2021 -	08/2021	0.00	0
30	Mathura Sewerage Scheme	12/2017	460.45 -	460.45	216.89	12/2020 -	05/2021	0.00	5
31	Sewerage System and Stp Works Phase I at Moradabad Ramganga	02/2011	279.91 330.05	330.05	222.79	12/2019 -	01/2021	50.14	0
32	Interception and Diversion Works and Stpat Muzaffarnagar Uttar Pradesh	01/2019	231.79 -	234.03	.00	12/2021 -	12/2021	2.24	0
33	Interception and Diversion Works&Sew-age Treatment Plant at Jaunpur Uttar Pradesh	01/2019	206.05 -	206.05	21.10	10/2021 -	10/2021	0.00	0
34	Sewerage Scheme Interception and Diversion with Stp Works At Meerut Uttar Pradesh	02/2019	681.78 -	690.71	.00	06/2022 -	06/2022	8.93	0
35	Interception and Diversion Works with Stp At Lucknow Uttar Pradesh	03/2019	298.12 213.91	213.91	.00	07/2021 -	06/2022	-84.21	11
<b>Uttarakhand</b>									
36	Sewage Treatment Plant at Jagjeetpur And Sarai #	03/2017	273.37 -	273.37	75.58	08/2019 -	-	0.00	-
37	Interception and Diversion with Stp At Rishikesh	03/2017	158.00 -	158.00	78.59	11/2019 03/2021	03/2021	0.00	16
<b>West Bengal</b>									
38	Detailed Project Report for I And D Sewerage System and Stp For Asansol And Kulti Towns	01/2019	384.96 -	384.96	.00	04/2022 -	04/2022	0.00	0
39	Interception and Diversion Works with Stp For Drains Falling in River Damodar At Durgapur	03/2019	287.53 -	287.53	.00	04/2022 -	04/2022	0.00	0
40	I And D and Stp Works At Burdwan West Bengal	12/2018	234.31 -	234.31	.00	04/2022 -	04/2022	0.00	0

Contd...

**Table T3: Ongoing Central Sector Water Resources Projects Costing Rs. 150 Cr and above  
(as on March, 2021)**

Sl. No.	Project	Date of Approval	Original / Revised Cost (in Rs. Cr)	Anticipated Cost (in Rs. Cr)	Cumulative Expenditure Cost (in Rs. Cr)	Original/ Revised Date of Commissioning (Month/Year)	Anticipated Date of Commissioning (Month/Year)	Cost Over run (in Rs. Cr)	Time Overrun (in months)
1	2	3	4	5	6	7	8	9	10
41	Interception and Diversion with Stp At Maheshtala	05/2018	198.43 224.69	224.69	.00	02/2022 -	06/2022	26.26	4
42	Integration of Stps With Rehabilitation and O and M of Existing Assets	03/2018	165.16 -	165.16	.00	06/2022 -	06/2022	0.00	0
43	Interception Diversion Treatment Works at Tollys Nullah Adi Ganga	08/2017	307.12 -	307.12	.00	09/2022 -	09/2022	0.00	0
44	Interception and Diversion with Stp At Hugly-Chinsurah	05/2018	160.00 154.73	154.73	.00	02/2022 -	10/2022	-5.27	8
45	Interception Diversion and Treatment Works at Howrah	08/2017	185.22 -	185.22	.00	12/2021 -	12/2021	0.00	0
46	Sewerage System and Stp Works At Halishahr	02/2014	274.76 -	274.76	201.30	12/2019 05/2021	05/2021	0.00	17
47	Sewerage System with Sewer Network at Barrackpore	12/2014	272.32 -	272.32	214.52	04/2020 -	03/2021	0.00	11
48	Interception Diversion and Treatment Works at Baranagar And Kamarahati	01/2018	172.10 -	172.10	.00	12/2021 -	12/2021	0.00	0
49	Interception and Diversion with Stp At Bally	10/2017	164.93 -	164.93	.00	12/2021 -	12/2021	0.00	0
<b>Total</b>			<b>26,781.06</b> -	<b>72,049.94</b>	<b>21,633.37</b>			<b>45,268.88</b>	

Source: 422<sup>nd</sup> Flash Report on Central Sector Projects (Rs. 150 Cr and above) for March, 2021, IPMD Division, M/o Statistics & Programme Implementation

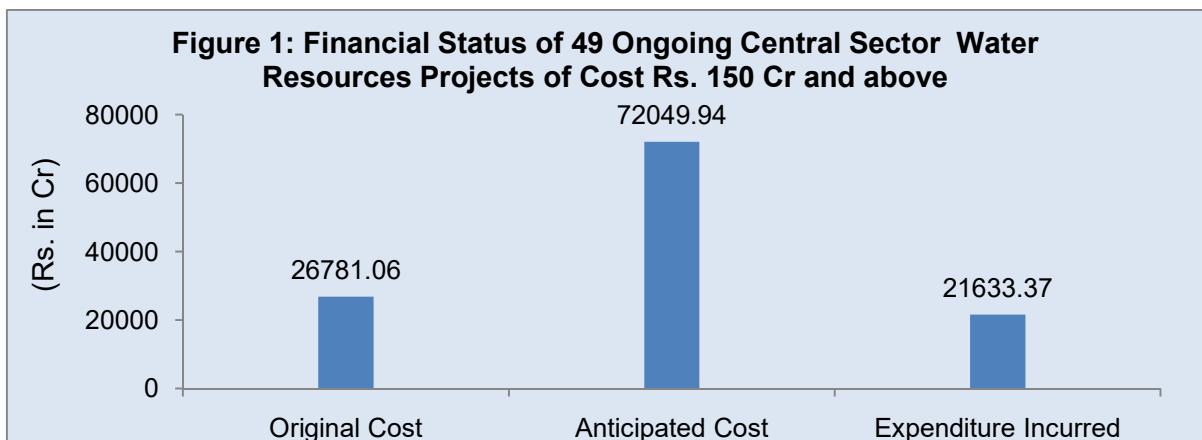
\*: These projects are not covered under Namami Gange Programme.

#: Completed on February, 2020.

### 2.6.1 Cost Overrun Projects

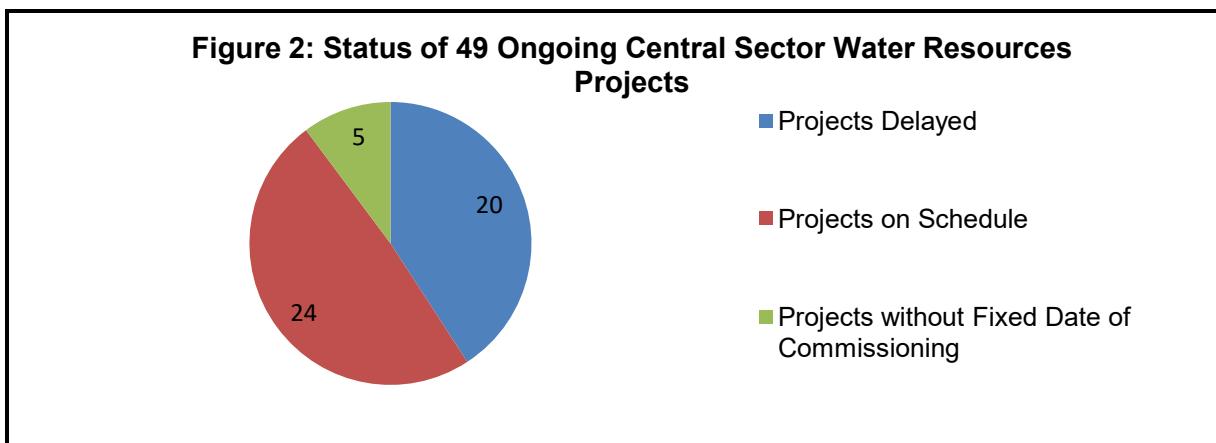
The total original cost of implementation of the aforesaid 49 ongoing water resources projects was Rs. 26781.06 Cr and their anticipated completion cost was Rs. 72049.94 Cr, which reflects an overall cost overrun of Rs. 45268.88 Cr (169% of original cost). The expenditure incurred on these 49 projects till March, 2021 is Rs. 21633.37 Cr, which is approximately 30% of the anticipated completion cost of these projects.

The details of the investment scenario of these projects are given in Figure 1 below:



## 2.6.2 Time Overrun Projects

Out of the ongoing 49 central sector water resources projects, 24 projects are on schedule and 20 projects are delayed projects. However, details of 5 central sector water resources projects having Maximum Time Overrun (in Months) as on 1<sup>st</sup> April, 2021 are given in Figure 2 below:



**Table T4: Five Central Sector Water Resources Projects having Maximum Cost Overrun (in Rs. Cr)**

(as on 1<sup>st</sup> April, 2021)

Sl. No.	Water Resources Projects	DOA	Original Cost (in Rs. Cr)	Anticipated Cost (in Rs. Cr)	COR (in Rs. Cr)	COR In %
1	2	3	4	5	6	7
1	Polavaram Irrigation Project	2/2009	10151.54	55548.87	45397.83	447.22%
2	Farrukhabad I and D and STP work HAM	10/2017	213.62	261.12	47.50	22.24%
3	Sewerage System and STP Works Phase I at Moradabad Ramganga	2/2011	279.91	330.50	50.14	17.91%
4	Sewerage Work in Kanpur	10/2016	370.40	430.49	60.09	16.22%
5	Interception & Division with STP at Maheshtala	05/2018	198.43	224.69	26.26	13.23%

Source: 422<sup>nd</sup> Flash Report on Central Sector Projects (Rs. 150 Cr and above) for March, 2021, IPMD Division, M/o Statistics & Programme Implementation

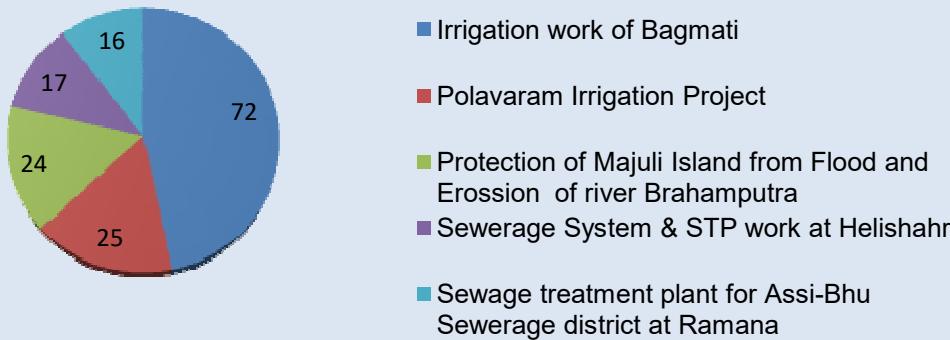
Note: 'DOA': Date of Approval      'COR': Cost Overrun

**Table T5: Five Central Sector Water Resources Projects having Maximum Time Overrun (in Months)**(as on 1<sup>st</sup> April, 2021)

Sl. No.	Water Resources Projects	DOA	DOC Original	DOC Anticipated	TOR (in Months)
1	2	3	4	5	6
1	Irrigation work of Bagmati	10/2005	3/2015	3/2021	72
2	Polavaram Irrigation Project	2/2009	3/2020	4/2022	25
3	Protection of Majuli Island from Flood and Erosion of River Brahmaputra	3/2017	12/2019	12/2021	24
4	Sewerage System & STP work at Helishahr	2/2014	12/2019	5/2021	17
5	Sewage treatment plant for Assi-Bhu Sewerage district at Ramana	2/2017	11/2019	3/2021	16

Source: 422<sup>nd</sup> Flash Report on Central Sector Projects (Rs. 150 Cr and above) for March, 2021, IPMD Division, M/o Statistics & Programme Implementation

Note: 'DOA': Date of Approval; 'DOC': Date of Commissioning; 'TOR': Time Overrun

**Figure 3: Five Central Sector Water Resources Projects having Maximum Time Overrun (in Months) as on 1<sup>st</sup> April, 2021**

## 2.7 Namami Gange Programme

'Namami Gange Programme', is an Integrated Conservation Mission, approved as 'Flagship Programme' by the Union Government in June, 2014 with budget outlay of Rs. 20,000 Cr to accomplish the twin objectives of effective abatement of pollution, conservation and rejuvenation of National River Ganga. Its implementation has been divided into Entry-Level Activities (for immediate visible impact), Medium-Term Activities (to be implemented within 5 years of time frame) and Long-Term Activities (to be implemented within 10 years). The main pillars of the Namami Gange Programme are Sewerage Treatment Infrastructure, River-Surface Cleaning, Afforestation, Industrial Effluent Monitoring, River-Front Development, Bio-Diversity, Public Awareness and Ganga Gram.

158 sewerage management projects are completed/ongoing under Namami Gange Programme up to 31.05.2021 and financial status of these projects is given in the below Table T6:

Table T6: Sewage Infrastructure under Namami Gange Programme									
(as on 31.05.2021)									
Sl. No.	States	No. of Projects	Sanction Cost (Rs. in Cr)	Total fund Released (Rs. in Cr)	Total Expenditure (Rs. in Cr)	No. of projects			AA&ES Issued
						Completed	Under Progress	Under Tendering	
1	2	3	4	5	6	7	8	9	10
1	Uttrakhand	35	1159.85	579.72	579.72	30	5	0	0
2	Uttar Pradesh	52	10523.50	3407.30	3407.30	20	25	5	2
3	Bihar	30	5487.76	1692.96	1692.96	3	21	6	0
4	Jharkhand	3	217.17	127.10	127.10	1	1	0	1
5	West Bengal	23	3885.10	1213.59	1213.59	3	13	7	0
6	Haryana	2	217.87	217.94	217.94	2	0	0	0
7	Delhi	11	2361.08	1090.26	991.44	2	8	1	0
8	Himachal Pradesh	1	11.57	1.25	1.08	0	1	0	0
9	Rajasthan	1	258.48	77.14	71.83	0	1	0	0
<b>Total</b>		<b>158</b>	<b>24122.38</b>	<b>8407.26</b>	<b>8302.96</b>	<b>61</b>	<b>75</b>	<b>19</b>	<b>3</b>

Source: Monthly Progress Report for May, 2021 of Namami Gange Programme, M/o Jal Shakti.

Note: 'AA&ES': Administrative Approval and Expenditure Sanction

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## **Appendix-2**



**Table 2.1 : Year-wise Central Assistance Released to States for Major, Medium, ERM Projects for the period 2015-16 to 2019-20 under AIBP-PMKSY**

(In Cr Rs.)

Sl. No.	Name of States	Cumulative CLA/Grant Released up to 31.3.2015 under AIBP	CA Released under PMKSY					Cumulative CLA/Grant Released up to 31.3.2020 under AIBP-PMKSY
			2015- 16	2016- 17	2017- 18	2018- 19	2019- 20	
1	2	3	4	5	6	7	8	9
1	<b>Andhra Pradesh</b>	2065.12	0.00	7.40	15.24	0.00	0.00	2087.76
2	<b>Assam</b>	404.68	107.92	0.00	0.00	0.00	0.00	512.61
3	<b>Bihar</b>	720.39	41.51	0.00	46.32	37.82	11.98	858.02
4	<b>Chhattisgarh</b>	518.48	0.00	13.29	17.26	0.00	4.09	553.12
5	<b>Goa</b>	273.17	0.00	0.00	0.00	0.00	0.00	273.17
6	<b>Gujarat</b>	8753.68	128.00	961.88	1410.49	1047.29	485.43	12786.77
7	<b>Haryana</b>	90.54	0.00	0.00	0.00	0.00	0.00	90.54
8	<b>Himachal Pradesh</b>	378.89	0.00	0.00	0.00	0.00	0.00	378.89
9	<b>Jammu &amp; Kashmir</b>	463.01	27.28	0.00	8.22	16.92	5.07	520.51
10	<b>Jharkhand</b>	965.97	281.62	145.75	305.10	305.88	0.00	2004.32
11	<b>Karnataka</b>	5762.68	208.16	135.47	459.52	197.00	163.42	6926.25
12	<b>Kerala</b>	201.11	0.00	0.00	0.00	0.00	0.00	201.11
13	<b>Madhya Pradesh</b>	5243.41	188.21	300.18	181.29	81.02	26.45	6020.56
14	<b>Maharashtra</b>	10056.28	307.81	379.88	363.05	550.01	298.59	11955.62
15	<b>Manipur</b>	1225.10	142.38	126.99	25.42	21.93	30.50	1572.32
16	<b>Meghalaya</b>	4.00	0.00	0.00	0.00	0.00	0.00	4.00
17	<b>Odisha</b>	4515.94	173.80	457.74	464.71	119.38	90.65	5822.21
18	<b>Punjab</b>	670.98	1.05	52.42	0.00	0.00	0.00	724.45
19	<b>Rajasthan</b>	2128.54	45.51	45.89	216.87	95.15	7.04	2538.99
20	<b>Tamil Nadu</b>	20.00	0.00	0.00	0.00	0.00	0.00	20.00

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**Table 2.1 : Year-wise Central Assistance Released to States for Major, Medium, ERM Projects for the period 2015-16 to 2019-20 under AIBP-PMKSY**

(In Cr Rs.)

Sl. No.	Name of States	Cumulative CLA/Grant Released up to 31.3.2015 under AIBP	CA Released under PMKSY					Cumulative CLA/Grant Released up to 31.3.2020 under AIBP-PMKSY
			2015- 16	2016- 17	2017- 18	2018- 19	2019- 20	
1	2	3	4	5	6	7	8	9
21	Telangana	3275.83	112.50	545.44	13.24	1.99	214.05	4163.05
22	Tripura	126.29	0.00	0.00	0.00	0.00	0.00	126.29
23	UT of Ladakh	24.64	7.02	0.00	1.36	0.00	0.81	33.82
24	Uttar Pradesh	4034.74	55.04	135.64	65.61	397.16	407.68	5095.87
25	Uttrakhand	609.75	0.00	0.00	0.00	0.00	0.00	609.75
26	West Bengal	385.00	0.00	0.00	0.00	0.00	0.00	385.00
<b>Total</b>		<b>52918.22</b>	<b>1827.82</b>	<b>3307.97</b>	<b>3593.69</b>	<b>2871.55</b>	<b>1745.76</b>	<b>66265.00</b>

Source: Monitoring (Central), PMO, Central Water Commission, M/o Jal Shakti

**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>ANDHRA PRADESH</b>														
1	Gundlakamma	2005-06	Major	Gundlakamma	Prakasham	697.39	521.97	13.04	21.28	15.03	6.68	7.11	63.14	585.11
2	Tadipudi LIS	2006-07	Major	Godavari	W.Godavari	794.32	263.36	13.04	18.81	16.54	5.83	1.93	56.15	319.51
3	Thotapally	2005-06	Major	Nagavali	Srikakulam, Vijayanagram	1023.24	622.44	109.16	40.28	22.65	12.40	26.32	210.81	833.25
4	Tarakaram Teerta Sagaram	2005-06	Medium	Champavathi	Vizayanagaram	471.31	186.55	6.46	23.82	7.05	5.46	23.51	66.30	252.85
5	Musurumilli	2007-08	Medium	Godavari	E.Godavari	169.95	149.44	1.78	0.30	1.40	0.00	0.00	3.48	152.92
6	Pushkara LIS	2006-07	Major	Godavari	E.Godavari	491.26	431.47	5.96	1.14	0.00	0.00	0.00	7.10	438.57
7	Yerracalva	2000-01	Medium	Yerrakalva / Godavari	W.Godavari	66.13	53.66	0.48	0.84	0.45	0.00	0.00	1.77	55.43
8	Maddigedda	2000-01	Medium	Maddigedda / Godavari	E.Godavari	10.90	8.94	0.00	0.00	0.00	0.00	0.00	0.00	8.94
	<b>Total</b>					<b>3724.50</b>	<b>2237.83</b>	<b>149.92</b>	<b>106.47</b>	<b>63.12</b>	<b>30.37</b>	<b>58.87</b>	<b>408.75</b>	<b>2646.58</b>
<b>ASSAM</b>														
1	Dhansiri	1996-97	Major	Dhansiri	Udaguri	425.13	305.38	3.73	0.00	0.00	0.00	0.00	3.73	309.11
2	Champamati	1996-97	Major	Champamati	Kokrajhar, Chirang and Bongaigaon	213.51	90.91	3.08	16.92	102.61	0.00	0.00	122.61	213.52

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	Borolia	1996-97	Medium	Borolia	Nalbari	256.16	84.39	0.00	0.00	0.00	0.00	0.00	0.00	84.39
	<b>Total</b>					<b>894.80</b>	<b>480.68</b>	<b>6.81</b>	<b>16.92</b>	<b>102.61</b>	<b>0.00</b>	<b>0.00</b>	<b>126.34</b>	<b>607.02</b>
<b>BIHAR</b>														
1	Durgawati	1996-97	Major	Durgawati	Rohtas, Bhabua	930.27	729.26	16.00	25.50	53.13	37.86	28.84	161.33	890.59
2	Punpun	2007-08	Major	Punpun	Patna, Arawal, Jahanabad	658.12	343.78	30.31	67.81	1.84	0.51	0.00	100.47	444.25
	<b>Total</b>					<b>1588.39</b>	<b>1073.04</b>	<b>46.31</b>	<b>93.31</b>	<b>54.97</b>	<b>38.37</b>	<b>28.84</b>	<b>261.81</b>	<b>1334.84</b>
<b>CHHATISGARH</b>														
1	Maniyari Tank	2011-12	Maj./ER M	Maniyari /Shivnath Mahanadi	/ Bilaspur	159.95	92.05	0.75	0.27	3.63	1.63	1.97	8.25	100.30
2	Kelo	2008-09	Maj.	Mahanadi Kelo	/ Raigarh, Jangir, Champa	727.03	486.72	46.07	51.80	28.26	19.72	28.35	174.19	660.92
3	Kharung	2010-11	Maj./ER M	Kharung /Hasdeo Mahanadi	/ Bilaspur	101.04	100.03	0.70	0.31	0.00	0.00	0.00	1.01	101.04
	<b>Total</b>					<b>988.02</b>	<b>678.80</b>	<b>47.52</b>	<b>52.38</b>	<b>31.89</b>	<b>21.35</b>	<b>30.32</b>	<b>183.45</b>	<b>862.25</b>
<b>GOA</b>														
1	Tillari	2000-01	Maj.	West flowing / Tillari	North Goa	1051.74	841.79	4.73	6.22	28.22	76.85	34.90	150.92	992.71
	<b>Total</b>					<b>1051.74</b>	<b>841.79</b>	<b>4.73</b>	<b>6.22</b>	<b>28.22</b>	<b>76.85</b>	<b>34.90</b>	<b>150.92</b>	<b>992.71</b>

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>GUJARAT</b>														
1	Sardar Sarovar	1996-97	Maj.	Naramada Sukhi	/ 17 districts (Narmada, Vadodara, Bharuch, Chhota- Udepur, Panchmahel, Ahmedabad, Gandhinagar, Kheda, Anand, Mehsana, Surendranagar, Morbi, Botad, Bhavnagar, Kachchh, Banskantha and Patan)	31522.33	21649.07	1987.11	2350.54	2299.93	1047.34	1005.39	8690.31	30339.38
	Total					31522.33	21649.07	1987.11	2350.54	2299.93	1047.34	1005.39	8690.31	30339.38
<b>JAMMU &amp; KASHMIR</b>														
1	Tral Lift	2000-01	Med.	Indus / Jhelam	Pulwama	149.36	91.42	4.10	20.30	1.71	16.53	7.79	50.43	141.85
2	Restoration & Mod. of Main Ravi Canal	2011-12	ERM	Ravi	Jammu, Samba, Kathua	60.01	33.74	9.84	6.05	7.01	1.57	3.14	27.60	61.34
3	Rajpora Lift	2000-01	Med.	Indus/ Jhelam	Pulwama	65.67	62.91	0.20	0.26	2.30	0.00	0.00	2.76	65.67
	Total					275.03	188.07	14.14	26.60	11.02	18.10	10.93	80.79	268.86

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>JHARKHAND</b>														
1	Subernarekha Multipurpose	2011-12	Major	Subernarekha	West singhbhum & East singhbhum, Saraikele Kharsawan	9579.58	1915.67	712.40	585.17	437.13	415.15	90.31	2240.16	4155.83
	<b>Total</b>					<b>9579.58</b>	<b>1915.67</b>	<b>712.40</b>	<b>585.17</b>	<b>437.13</b>	<b>415.15</b>	<b>90.31</b>	<b>2240.16</b>	<b>4155.83</b>
<b>KARNATAKA</b>														
1	Upper Tunga Irrigation Project	2014-15	Major	Tunga/Krishna	Shivmoga, Haveri, Devnagari	1606.07	441.26	253.73	113.97	168.09	127.09	147.24	810.12	1251.38
2	Sri Rameswara Irrigation	2014-15	Major	/Krishna	Belgam	173.65	87.11	24.68	17.34	0.00	0.00	0.00	42.02	129.13
3	Karanja	1997-98	Major	Manjeera Godavari /	Bidar	339.15	275.59	14.99	4.49	25.94	36.60	7.96	89.98	365.57
4	Bhima LIS	2009-10	Maj./ER M	Krishna	Gulbarga	619.17	412.23	52.67	67.10	20.63	29.37	30.10	199.87	612.10
5	NLBC System Project (New)	2014-15	Major	/Krishna	Gulbarga/Yadgir /Bijapur	2405.84	1370.76	314.46	110.27	91.43	151.32	228.79	896.27	2267.03
	<b>Total</b>					<b>5143.88</b>	<b>2586.95</b>	<b>660.53</b>	<b>313.17</b>	<b>306.09</b>	<b>344.38</b>	<b>414.09</b>	<b>2038.26</b>	<b>4625.21</b>
<b>KERALA</b>														
1	Karapuzha	2006-07	Medium	Kabani / Panamaram	Wayanand	117.00	8.20	0.00	0.32	0.00	0.00	0.00	0.32	8.52
2	Muvattupuzha	2000-01	Major	Thodupuzha / Muvattupuzha	Idukki, Ernakulam Kottayam &	426.33	346.53	9.43	7.17	6.84	7.69	0.00	31.13	377.66
	<b>Total</b>					<b>543.33</b>	<b>354.73</b>	<b>9.43</b>	<b>7.49</b>	<b>6.84</b>	<b>7.69</b>	<b>0.00</b>	<b>31.45</b>	<b>386.17</b>

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MADHYA PRADESH</b>														
1	Sindh Project Phase II	1998-99	Maj.	Ganga	Shivpuri, Gwalior, Datia, Bhind	1924.83	1695.39	117.83	52.33	25.80	0.00	0.00	195.96	1891.35
2	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	1996-97	Maj.	Narmada	Khandwa, Khargaon	1608.00	1567.04	26.29	13.95	0.73	0.00	0.00	40.97	1608.01
3	Indira Sagar Project Canal Phase - III (km. 143 to km. 206)	2007-08	Maj.	Narmada	Badwani	890.38	724.71	63.11	47.07	17.54	7.38	0.00	135.10	859.81
4	Omkarshwar Project Canal Phase-IV (OSP lift)	2014-15	Maj.	Narmada	Khandwa,Khangone and Dhar	414.05	178.98	134.31	20.54	6.36	2.94	0.69	164.84	343.82
5	Bargi Diversion Project Phase - I	2001-02	Maj.	Narmada	Jabalpur, Satna, Rewa	432.25	407.11	3.88	10.16	6.83	1.16	0.34	22.37	429.48
6	Mahi Project	2000-01	Maj.	Mahi	Dhar, Jhabua	751.56	618.32	31.20	21.68	64.44	8.61	7.75	133.68	752.00
7	Barriyarpur LBC	2000-01	Maj.	Ganga / Kan	Chhatarpur	472.14	443.49	11.26	15.16	2.23	0.00	0.00	28.65	472.14
8	Bansagar Unit 2	2003-04	Maj.	Ganga / Sone	Rewa, Satna, Sidhi, Shahdol	1648.62	1463.62	40.48	36.47	10.75	0.00	0.00	87.70	1551.32
9	Mahan Project	2003-04	Maj.	Ganga Mahan / Sidhi		434.01	377.20	18.36	5.24	10.21	5.09	0.00	38.90	416.10
10	Pench Project	2007-08	Maj.	Godavari Pench / Seoni, Chhindwara		1564.79	1229.58	118.41	54.89	119.40	17.83	3.59	314.12	1543.70
11	Sagad Project	2011-12	Med.	Sagar / Betwa / Yamuna	Vidisha	195.73	174.86	8.12	6.70	6.04	0.00	0.00	20.86	195.72

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	Singhpur Project	2011-12	Med.	urimil / Ken / Yamuna	Chhatarpur	180.09	175.13	4.65	0.31	0.00	0.01	0.00	4.97	180.10
13	Sanjay sagar (Bah) Project	2011-12	Med.	Bah / Betwa /Yamuna	Vidisha	159.62	127.67	5.72	7.51	9.13	0.00	0.00	22.36	150.03
14	Mahuar Project	2013-14	Med.	Mahuar	Shivpuri	116.75	114.30	2.45	0.00	0.00	0.00	0.00	2.45	116.75
15	Indira Sagar Project Canal Phase - IV (km. 206 to km. 243)	2008-09	Maj.	Narmada	Barwani	558.62	301.24	81.27	68.68	48.15	8.74	0.00	206.84	508.08
16	Indira Sagar Project Canal Phase - V (Khargone Lift )	2014-15	Maj.	Narmada	Khandwa, Khargaon Barwani	212.12	67.59	15.06	4.99	0.00	0.00	15.67	35.72	103.31
17	Omkareswar Project Canal Phase-II (RBC km. 9.70 to km 65.50)	2007-08	Maj.	Narmada	Khandwa, Khargaon, Dhar	353.62	316.97	24.81	3.25	0.88	0.64	0.88	30.46	347.43
18	Omkareswar Project Canal Phase-III (RBC km. 65.50 to km 142)	2007-08	Maj.	Narmada	Dhar	510.00	463.14	21.11	7.32	5.62	0.01	0.00	34.06	497.20
19	Bargi Diversion Project Phase - II (km. 63 to km 104)	2002-03	Maj.	Narmada	Jabalpur, Satna, Rewa	342.29	319.20	5.09	9.04	6.42	5.66	9.94	36.15	355.35
20	Bargi Diversion Project Phase - III (km. 104 to km 154)	2007-08	Maj.	Narmada	Jabalpur, Satna, Rewa	1399.70	503.70	23.03	102.46	119.77	57.91	74.86	378.03	881.73

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	Bargi Diversion Project Phase - IV (km. 154 to km 197)	2008-09	Maj.	Narmada	Jabalpur, Satna, Rewa, Katni	893.35	485.98	10.76	5.05	0.00	3.00	1.76	20.57	506.55
	Total					15062.52	11755.22	767.20	492.80	460.30	118.98	115.48	1954.75	13709.98

**MAHARASHTRA**

1	Waghur	1996-97	Maj.	Tapi / Waghur	Jalgaon	1758.50	721.31	97.23	90.91	223.89	118.26	44.58	574.87	1296.18
2	Bawanhadi (IS)	2004-05	Maj.	Godavari / Wainganga	Bhandara	697.93	608.67	77.67	11.59	0.00	11.90	1.02	102.18	710.85
3	Lower Dudhna	2005-06	Maj.	Godavari	Parbhani, Jalna	1714.05	1089.44	309.35	214.27	79.14	27.34	12.46	642.56	1732.00
4	Tillari (IS)	2005-06	Maj.	West Flowing	Sindhudurg	1113.398	343.91	39.74	58.26	48.23	30.94	52.90	230.07	573.98
5	Lower Wardha	2006-07	Maj.	Godavari / Wardha	Wardha	2915.60	1319.50	358.34	322.90	301.05	200.64	90.33	1273.26	2592.76
6	Lower Panzara	2009-10	Med.	Tapi Panzara /	Dhule	294.66	211.61	36.67	34.75	7.33	0.00	19.18	97.93	309.54
7	Nandur Madhmeshwar Ph-II	2009-10	Maj.	Godavari Darna /	Aurangabad	686.97	286.51	272.91	117.84	9.72	0.00	0.00	400.47	686.98
8	Gosikhurd (NP)	2008-09	Maj.	Godavari Wainganga /	Nagpur, Bhandara Chandrapur	12770.09	4905.48	570.29	697.43	887.61	1186.75	696.77	4038.85	8944.33
9	Upper Ganga Pen	2004-05	Maj.	Godavari	Yavatmal, Parbhani, Nanded	1511.83	788.90	55.30	103.20	103.00	64.53	75.50	401.53	1190.43
10	Bembla	2007-08	Maj.	Bembla Godavari /	Yavatmal	2483.54	1449.55	176.89	207.78	186.33	168.00	142.10	881.10	2330.65

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	Tarali	2007-08	Maj.	Tarali Krishna / Satara		943.26	446.92	45.48	68.98	88.34	118.36	59.18	380.34	827.26
12	Dhom Balaakwadi	2007-08	Maj.	Krishna	Pune / Satara	868.52	403.02	80.24	141.03	84.41	97.15	19.14	421.97	824.99
13	Arjuna	2007-08	Med.	Arjuna Kodavali / Ratnagiri		611.55	365.38	38.74	33.99	41.51	108.43	86.49	309.16	674.54
14	Upper Kundalika	2008-09	Med.	Godavari/Kundalika	Beed	263.72	166.66	17.69	43.59	34.47	5.15	1.16	102.06	268.72
15	Aruna	2009-10	Med.	Aruna	Sindhudurg	1472.14	378.16	140.53	166.17	290.37	323.53	48.86	969.46	1347.62
16	Krishna Koyana Lift	2009-10	Maj.	Krishna	Solapur, Sangli	2275.76	683.86	80.00	111.56	350.67	278.91	302.51	1123.65	1807.51
17	Gadnadi	2009-10	Med.	Gad / Shastri	Ratnagiri	602.75	448.63	9.24	19.24	11.68	19.37	70.92	130.45	579.08
18	Dongargaon	2005-06	Med.	Godavari	Chandrapur	52.28	34.96	5.63	5.96	2.19	3.54	0.00	17.32	52.28
19	Sangola Branch Canal	2007-08	Maj.	Yelwaldi / Nira	Solapur,	742.24	200.32	13.59	34.69	86.17	111.58	69.46	315.49	515.81
20	Khadakpurna	2006-07	Maj.	Khadakpurna / Godavari	Buldhana	1052.01	878.99	71.95	50.94	50.13	50.95	41.05	265.02	1144.01
21	Warna	2005-06	Maj.	Krishna	Kolhapur, Sangli	585.00	231.59	58.50	0.00	0.00	0.00	0.00	58.50	290.09
22	Morna (Gureghar)	2007-08	Med.	Morna / Koyna	Satara	219.00	71.78	2.80	10.03	22.63	6.64	2.28	44.38	116.16
23	Lower Pedhi	2008-09	Maj.	Tapi/Purna/Pedhi	Amravati, Akola	1480.70	565.70	182.17	82.11	99.94	20.28	26.45	410.95	976.65
24	Wang project	2008-09	Med.	Krishna/Wang	Satara	111.92	65.61	3.44	9.55	13.26	28.83	30.91	85.98	151.59

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)								
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
25	Naradave (Mahammadwadi)	2009-10	Med.	Gad	Sindhudurg	781.85	180.67	5.08	61.10	3.91	69.61	17.86	157.56	338.23	
26	Kudali	2009-10	Med.	Krishna Kudali Hatgegar	/	Satara	382.29	72.47	6.54	5.77	22.68	75.29	17.93	128.21	200.68
	Total					38391.55	16919.60	2756.00	2703.64	3048.66	3125.98	1929.04	13563.32	30482.92	

**MANIPUR**

1	Thoubal	1997-98	Major	Thoubal	Imphal East, Senapati,Thoubal, Ukhrul	1726.79	1151.22	164.91	41.74	107.28	63.16	125.29	502.38	1653.60	
2	Dolaithabi Barrage	2002-03	Medium	Irli	Imphal Senapati	& 455.55	308.16	54.13	36.49	33.75	0.00	0.00	124.37	432.53	
	Total					2182.34	1459.38	219.04	78.23	141.03	63.16	125.29	626.74	2086.12	
<b>ODISHA</b>															
1	Lower Indra(KBK)	1999-2000	Major	Indra Mahanadi	/ Noapada	1595.35	1263.10	120.51	74.98	117.06	61.64	0.00	374.19	1637.29	
2	Upper Indravati Extn (KBK)	2003-04	Major	Indravathi Indravathi	/ Kalahandi	503.22	518.39	14.96	5.06	0.00	0.00	0.00	20.02	538.41	
3	Rukura-Tribal	2009-10	Major	Bolani Brahmani	/ Sundargarh	240.22	190.08	20.38	18.26	11.50	1.21	0.00	51.35	241.43	
4	Subernarekha	1996-97	Major	Subernarekha	/ Subernarekha	Mayurbhanj, Balasore	4455.68	2768.10	375.90	475.83	438.92	204.65	0.00	1495.30	4263.40
5	Anandpur Barr. Ph.-I Integrated Anandpur Barr.	2003-04	Maj./ER M	Salandi Baitarani	/	Keonjhar, Bhadrak	2864.36	774.12	157.01	148.22	169.76	244.50	0.00	719.49	1493.61

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	RET irrigation	2003-04	Medium	Ret Mahanadi	/ Kalahandi	707.64	241.58	127.06	296.94	42.06	22.42	0.00	488.48	730.06
7	Kanupur	2003-04	Major	Baitarni Baitarni	/ Keonjhar	2301.28	1208.40	86.12	181.59	92.24	81.99	0.00	441.94	1650.34
8	Telengiri	2003-04	Major	Telengiri Indravathi	/ Koraput	932.96	449.06	193.90	236.85	53.16	168.25	0.00	652.16	1101.22
<b>Total</b>						13600.71	7412.83	1095.84	1437.73	924.70	784.66	0.00	4242.93	11655.76
<b>PUNJAB</b>														
1	Kandi Canal Extension (Ph.II)	2002-03	Major/E RM	Indus	Hoshiarpur, Jalandhar & Kapurthala	580.13	406.83	88.93	0.00	0.00	0.00	13.81	102.74	509.57
2	Rehabilitation of 1st Patiala Feeder and Kotla Branch Project	2007-08	Major/E RM	Indus	Patiala	177.81	130.30	24.85	0.00	0.00	0.00	2.87	27.72	158.02
<b>Total</b>						757.94	537.13	113.78	0.00	0.00	0.00	16.68	130.46	667.59
<b>RAJASTHAN</b>														
1	Narmada Canal	1998-99	Major	Narmada	Jalore & Barmer	2551.03	1864.19	103.48	172.15	235.80	0.00	54.22	565.65	2429.84
2	Mod. of Gang Canal	2000-01	Major/E RM	Indus	Sriganganagar	635.46	603.09	15.20	12.15	1.70	0.77	0.00	29.82	632.91
<b>Total</b>						3186.49	2467.28	118.68	184.30	237.50	0.77	54.22	595.47	3062.75
<b>TELANGANA</b>														
1	J. Chokha Rao LIS	2006-07	Major	Godavari	Warangal, Nalgonda, Krimnagar, Medak	12413.26	6867.33	789.13	548.17	1392.75	991.04	641.75	4362.84	11230.17

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr. Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Sri Komaram Bheem project	2006-07	Medium	Godavari	Adilabad	483.72	336.17	29.30	40.85	16.22	5.30	9.54	101.21	437.38
3	Gollavagu Project	2006-07	Medium	Godavari	Adilabad	93.15	72.43	2.73	2.65	1.13	0.00	0.00	6.51	78.94
4	Rallivagu project	2006-07	Medium	Godavari	Adilabad	51.84	39.08	0.00	12.76	0.00	6.96	0.00	19.72	58.80
5	Mathadivagu Project	2006-07	Medium	Godavari	Adilabad	50.40	42.99	7.67	0.00	0.00	0.00	0.00	7.67	50.65
6	Peddavagu @ Neelwai project	2006-07	Medium	Godavari	Adilabad	198.59	109.68	12.35	16.79	26.99	12.25	0.00	68.38	178.05
7	Palemvagu project	2005-06	Medium	Godavari	Khammam	214.06	195.36	4.00	0.00	0.26	0.20	0.25	4.71	200.07
8	Peddavagu @ Jagannathpur	2006-07	Medium	Godavari	Nellore	244.67	96.53	16.40	4.50	22.38	26.82	12.56	82.66	179.19
9	SRSP St.II	2005-06	ERM	Godavari	Warangal, Nalgonda, Khammam, Adilabad	949.87	665.59	139.30	46.32	35.76	10.44	24.24	256.06	921.65
10	Rajiv Bheema L.I. Scheme	2007-08	Major	Krishna Krishna / Mahaboobnagar	1942.66	1374.76	130.62	104.40	137.42	0.00	17.22	389.66	1764.42	
11	Indiramma Flood Flow Canal	2005-06	ERM	Godavari	Karimnagar, Warangal, Nalgonda	5037.13	3581.60	430.30	252.33	82.57	50.00	35.00	850.20	4431.80
	Total					21679.35	13381.52	1561.80	1028.77	1715.48	1103.00	740.55	6149.61	19531.12
<b>UTTAR PRADESH</b>														
1	Bansagar Canal	1997-98	Maj.	Ganga/Sone	Allahabad, Mirzapur	3242.52	2754.93	197.00	196.99	93.61	0.00	0.00	487.60	3242.53

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**Table 2.2 (a): Expenditure Status of 99 Priority Projects under PMKSY-AIBP**

Sl. No.	Project Name	Year of Inclusion	Maj./ Med./ ERM	River / River Basin/Sub Basin	District Benefited	Latest Estimated Cost (Works-AIBP) (in Cr. Rs.)	Expenditure Status (in Cr Rs.)							
							Cumulative Expenditure as on 03/2016	Expenditure during 2016-17	Expenditure during 2017-18	Expenditure during 2018-19	Expenditure during 2019-20	Expenditure during 2020-21	Cumulative Expenditure under PMKSY-AIBP as on 03/2021	Cumulative Expenditure under AIBP as on 03/2021 since 1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Arjun sahayak	2009-10	Maj.	Dhasan/Gang a	Mahoba, Hamirpur, Banda	2465.68	790.66	87.37	87.37	769.18	612.86	116.87	1673.65	2464.31
3	Madhya Ganga canal PH-II	2008-09	Maj.	Ganga	Moradbad, Jyotibaule Nagar, Bijnore	4284.46	1006.49	0.00	7.93	575.93	1015.56	798.45	2397.87	3404.36
4	Saryu Nahar(NP)	1996-97	Maj.	Ganga/Saryu	Baharaich, Basti,Gorakhpur , Gonda, Shravasti, Balrampur, Siddharth nagar, Sant Kabir nagar	5803.61	1965.09	201.26	571.23	962.00	1305.45	634.19	3674.13	5639.22
	Total					15796.27	6517.17	485.63	863.52	2400.72	2933.87	1549.51	8233.25	14750.41

**UT OF LADDAKH**

1	Prakachik Khows Canal Project	2007-08	Med.	Suru	Kargil	53.32	32.08	3.17	7.69	1.43	0.81	0.00	13.10	45.18
	Total					53.32	32.08	3.17	7.69	1.43	0.81	0.00	13.10	45.18
	Grand Total					166022.10	92488.83	10760.02	10354.95	12271.64	10130.82	6204.42	49721.86	142210.68

Source: Monitoring (Central), PMO, Central Water Commission, M/o Jal Shakti

Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS								IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04.2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016-17	2017-18	2018-19	2019-20	2020-21			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
<b>ANDHRA PRADESH</b>																				
1	Gundlakamma	99.35	19.87	0.00	11.79	0.00	0.00	0.00	111.14	8.08	23.44	32.40	2.52	1.95	0.51	0.00	0.00	28.42		
2	Tadipudi LIS	48.22	0.00	0.00	0.00	0.00	0.00	0.00	48.22	0.00	62.14	83.61	0.00	1.62	0.00	0.00	0.00	63.76		
3	Thotapally	99.73	0.00	0.00	0.00	0.00	0.00	0.00	99.73	0.00	25.90	48.56	8.96	5.97	0.00	0.00	0.00	40.83		
4	Tarakaram Teerta Sagaram	33.01	25.04	0.00	3.45	0.00	0.00	0.00	36.46	21.59	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	Musurumilli	85.74	8.61	7.40	0.00	0.00	0.00	0.00	93.14	1.21	9.01	9.16	0.00	0.15	0.00	0.00	0.00	9.16		
6	Pushkara LIS	47.08	0.00	0.00	0.00	0.00	0.00	0.00	47.08	0.00	53.98	71.18	0.41	0.00	1.52	0.00	0.00	55.91		
7	Yerracalva	28.46	0.00	0.00	0.00	0.00	0.00	0.00	28.46	0.00	5.06	6.96	0.00	0.41	0.00	0.00	0.00	5.47		
8	Maddigedda	3.79	0.00	0.00	0.00	0.00	0.00	0.00	3.79	0.00	1.11	1.42	0.00	0.31	0.00	0.00	0.00	1.42		
	<b>Total</b>	<b>445.38</b>	<b>53.52</b>	<b>7.40</b>	<b>15.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>468.02</b>	<b>30.88</b>	<b>180.64</b>	<b>263.30</b>	<b>11.89</b>	<b>10.41</b>	<b>2.03</b>	<b>0.00</b>	<b>0.00</b>	<b>204.97</b>		
<b>ASSAM</b>																				
1	Dhansiri	226.60	0.00	0.00	0.00	0.00	0.00	0.00	226.60	0.00	53.26	86.37	14.74	0.00	0.00	0.00	0.00	68.00		
2	Champamati	182.39	0.00	0.00	0.00	0.00	0.00	0.00	182.39	0.00	10.02	24.99	13.54	0.00	1.17	0.00	0.00	24.72		
3	Borolia	29.80	9.97	0.00	0.00	0.00	0.00	0.00	29.80	9.97	3.30	13.56	0.00	0.00	0.00	0.00	0.00	3.30		
	<b>Total</b>	<b>438.79</b>	<b>9.97</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>438.79</b>	<b>9.97</b>	<b>66.58</b>	<b>124.93</b>	<b>28.28</b>	<b>0.00</b>	<b>1.17</b>	<b>0.00</b>	<b>0.00</b>	<b>96.02</b>		

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS								IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
<b>BIHAR</b>																				
1	Durgawati	103.84	90.07	0.00	46.32	0.00	11.98	14.12	176.26	17.65	3.30	23.59	10.31	0.40	0.20	1.87	0.20	16.28		
2	Punpun	46.65	106.81	0.00	0.00	37.82	0.00	0.00	84.47	68.99	3.68	13.68	0.00	0.00	0.00	0.00	0.00	3.68		
	<b>Total</b>	<b>150.49</b>	<b>196.88</b>	<b>0.00</b>	<b>46.32</b>	<b>37.82</b>	<b>11.98</b>	<b>14.12</b>	<b>260.73</b>	<b>86.64</b>	<b>6.98</b>	<b>37.27</b>	<b>10.31</b>	<b>0.40</b>	<b>0.20</b>	<b>1.87</b>	<b>0.20</b>	<b>19.96</b>		
<b>CHHATISGARH</b>																				
1	Maniyari Tank	43.58	19.70	0.00	3.63	0.00	0.00	0.00	47.21	16.07	14.22	14.52	0.30	0.00	0.00	0.00	0.00	14.52		
2	Kelo	40.63	51.50	13.29	13.63	0.00	4.09	6.45	78.09	14.04	9.86	22.81	6.36	0.75	0.00	0.04	0.10	17.10		
3	Kharung	10.48	0.00	0.00	0.00	0.00	0.00	0.00	10.48	0.00	1.09	10.30	0.00	9.21	0.00	0.00	0.00	10.30		
	<b>Total</b>	<b>94.69</b>	<b>71.19</b>	<b>13.29</b>	<b>17.26</b>	<b>0.00</b>	<b>4.09</b>	<b>6.45</b>	<b>135.78</b>	<b>30.11</b>	<b>25.17</b>	<b>47.63</b>	<b>6.66</b>	<b>9.96</b>	<b>0.00</b>	<b>0.04</b>	<b>0.10</b>	<b>41.92</b>		

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
<b>GOA</b>																					
1	Tillari	255.42	31.62	0.00	0.00	0.00	0.00	0.00	255.42	31.62	11.17	14.52	0.05	0.00	0.18	0.00	0.00	11.40			
	<b>Total</b>	<b>255.42</b>	<b>31.62</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>255.42</b>	<b>31.62</b>	<b>11.17</b>	<b>14.52</b>	<b>0.05</b>	<b>0.00</b>	<b>0.18</b>	<b>0.00</b>	<b>0.00</b>	<b>11.40</b>			
<b>GUJARAT</b>																					
1	Sardar Sarovar	8792.22	4797.51	961.88	1410.49	1047.29	485.43	177.96	12875.27	714.46	1111.00	1792.00	116.46	312.18	98.64	28.72	13.91	1680.90			
	<b>Total</b>	<b>8792.22</b>	<b>4797.51</b>	<b>961.88</b>	<b>1410.49</b>	<b>1047.29</b>	<b>485.43</b>	<b>177.96</b>	<b>12875.27</b>	<b>714.46</b>	<b>1111.00</b>	<b>1792.00</b>	<b>116.46</b>	<b>312.18</b>	<b>98.64</b>	<b>28.72</b>	<b>13.91</b>	<b>1680.90</b>			
<b>JAMMU &amp; KASHMIR</b>																					
1	Tral Lift	97.01	28.16	0.00	0.00	10.69	5.07	6.36	119.13	6.04	4.44	6.00	0.00	0.00	0.00	0.00	0.00	4.44			
2	Restoration & Mod. of Main Ravi Canal	36.28	15.29	0.00	8.22	3.93	0.00	3.14	51.57	0.00	45.23	50.75	0.00	0.00	0.00	4.94	0.00	50.17			
3	Rajpora Lift	53.08	2.36	0.00	0.00	2.30	0.00	0.00	55.38	0.06	2.11	2.43	0.00	0.00	0.00	0.32	0.00	2.43			
	<b>Total</b>	<b>186.37</b>	<b>45.82</b>	<b>0.00</b>	<b>8.22</b>	<b>16.92</b>	<b>5.07</b>	<b>9.50</b>	<b>226.08</b>	<b>6.11</b>	<b>51.78</b>	<b>59.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.26</b>	<b>0.00</b>	<b>57.04</b>			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
<b>JHARKHAND</b>																					
1	Subernarekha Multipurpose	1132.88	1373.68	145.75	305.10	305.88	0.00	0.00	1889.61	616.95	63.10	236.85	79.19	0.00	0.00	0.00	0.61	142.90			
	<b>Total</b>	<b>1132.88</b>	<b>1373.68</b>	<b>145.75</b>	<b>305.10</b>	<b>305.88</b>	<b>0.00</b>	<b>0.00</b>	<b>1889.61</b>	<b>616.95</b>	<b>63.10</b>	<b>236.85</b>	<b>79.19</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.61</b>	<b>142.90</b>			
<b>KARNATAKA</b>																					
1	Upper Tunga Irrigation Project	226.24	217.76	108.88	75.16	0.00	0.00	0.00	410.28	33.72	69.49	80.49	1.67	1.14	3.50	1.93	0.00	77.73			
2	Sri Rameswara Irrigation	62.74	0.00	0.00	0.00	0.00	0.00	0.00	62.74	0.00	12.98	13.80	0.03	0.79	0.00	0.00	0.00	13.80			
3	Karanja	189.03	35.15	4.15	15.50	0.00	7.75	7.75	224.18	0.00	23.50	29.23	0.70	2.31	0.00	0.00	1.14	27.65			
4	Bhima LIS	297.87	44.89	22.44	0.00	0.00	0.00	15.60	335.91	6.85	21.34	24.29	0.75	2.08	0.12	0.00	0.00	24.29			
5	NLBC System Project (New)	70.00	940.50	0.00	368.86	197.00	155.67	207.87	999.40	11.10	5.00	105.00	21.47	74.68	3.25	0.00	0.20	104.60			
	<b>Total</b>	<b>845.88</b>	<b>1238.30</b>	<b>135.47</b>	<b>459.52</b>	<b>197.00</b>	<b>163.42</b>	<b>231.22</b>	<b>2032.51</b>	<b>51.67</b>	<b>132.31</b>	<b>252.81</b>	<b>24.62</b>	<b>81.00</b>	<b>6.87</b>	<b>1.93</b>	<b>1.34</b>	<b>248.07</b>			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS								IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
<b>KERALA</b>																				
1	Karapuzha	2.72	13.47	0.00	0.00	0.00	0.00	0.00	2.72	13.47	0.94	7.36	0.00	0.00	0.68	0.00	0.00	1.62		
2	Muvattupuzha	154.97	0.00	0.00	0.00	0.00	0.00	0.00	154.97	0.00	27.40	30.72	0.07	0.24	0.11	0.95	0.00	28.77		
	<b>Total</b>	<b>157.69</b>	<b>13.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>157.69</b>	<b>13.47</b>	<b>28.34</b>	<b>38.08</b>	<b>0.07</b>	<b>0.24</b>	<b>0.79</b>	<b>0.95</b>	<b>0.00</b>	<b>30.39</b>		
<b>MADHYA PRADESH</b>																				
1	Sindh Project Phase II	605.04	39.46	35.52	0.00	0.00	0.00	0.00	640.56	3.94	130.59	162.10	20.78	10.73	0.00	0.00	0.00	162.10		
2	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	249.91	58.36	16.35	7.34	0.00	0.00	0.00	273.60	34.67	53.60	62.20	6.46	0.00	0.00	2.14	0.00	62.20		
3	Indira Sagar Project Canal Phase - III (km. 143 to km. 206)	226.04	146.53	39.65	51.29	14.97	0.00	0.00	331.95	40.62	3.00	20.70	10.11	3.22	0.66	0.00	0.00	16.99		
4	Omkareswar Project Canal Phase-IV (OSP lift)	111.93	98.15	61.27	4.50	1.74	2.07	0.00	181.51	28.57	44.04	54.63	2.31	8.28	0.01	0.00	0.00	54.64		

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
5	Bargi Diversion Project Phase - I	140.64	9.51	5.66	0.00	1.92	0.96	0.00	149.18	0.97	19.18	21.19	0.30	1.61	0.10	0.00	0.00	21.19			
6	Mahi Project	371.11	7.24	4.71	0.00	0.00	0.00	1.26	377.09	1.27	27.51	33.75	1.20	0.00	2.49	1.90	0.37	33.47			
7	Barriyarpur LBC	110.02	18.28	6.62	0.00	0.00	0.00	0.00	116.64	11.66	42.36	43.85	0.00	1.49	0.00	0.00	0.00	43.85			
8	Bansagar Unit 2	483.71	71.78	0.00	68.02	0.00	0.00	0.00	551.73	3.76	148.87	154.54	1.25	4.42	0.00	0.00	0.00	154.54			
9	Mahan Project	139.13	11.88	2.38	1.80	0.00	3.85	0.00	147.16	3.85	14.55	19.74	0.00	2.34	1.25	1.60	0.00	19.74			
10	Pench Project	16.38	25.99	0.00	4.99	0.00	0.00	10.49	31.86	10.51	0.00	28.27	10.00	0.00	11.27	4.00	0.00	25.27			
11	Sagad Project	26.60	6.83	2.51	0.00	0.00	0.00	0.00	29.11	4.32	14.39	17.06	0.00	2.67	0.00	0.00	0.00	17.06			
12	Singhpur Project	30.54	8.10	1.94	0.00	0.00	0.00	0.00	32.48	6.16	3.57	10.20	0.15	6.48	0.00	0.00	0.00	10.20			
13	Sanjay sagar (Bah) Project	26.45	3.32	3.00	0.00	0.00	0.00	0.00	29.45	0.32	13.37	17.81	0.00	4.44	0.01	0.00	0.00	17.81			
14	Mahuar Project	16.66	10.41	0.00	0.00	0.00	0.00	0.00	16.66	10.41	5.01	13.78	0.00	8.77	0.01	0.00	0.00	13.79			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
15	Indira Sagar Project Canal Phase - IV (km. 206 to km. 243)	89.48	115.70	29.22	24.55	31.70	0.00	0.00	174.95	30.23	0.30	19.60	5.62	0.55	2.53	0.50	0.00	9.50			
16	Indira Sagar Project Canal Phase - V (Khargone Lift )	47.19	39.28	9.51	0.00	0.00	0.00	0.00	56.70	29.77	9.39	33.14	12.33	9.86	0.42	0.00	0.00	32.00			
17	Omkareswar Project Canal Phase-II (RBC km. 9.70 to km 65.50)	123.92	74.85	11.00	5.92	0.00	0.00	0.00	140.84	57.93	12.41	19.58	2.60	0.58	0.22	0.00	0.00	15.80			
18	Omkareswar Project Canal Phase-III (RBC km. 65.50 to km 142)	144.88	46.86	14.06	12.88	2.50	2.50	0.00	176.82	14.92	38.64	48.59	0.63	0.80	1.19	0.00	0.00	41.26			
19	Bargi Diversion Project Phase - II (km. 63 to km 104)	114.47	12.94	11.65	0.00	0.00	0.59	0.00	126.71	0.70	24.86	31.90	0.00	1.04	1.05	0.35	1.37	28.67			
20	Bargi Diversion Project Phase - III (km. 104 to km 154)	71.07	240.74	33.85	0.00	28.19	16.48	8.21	157.80	154.01	3.00	26.00	0.00	0.00	0.00	0.00	0.00	3.00			
21	Bargi Diversion Project Phase - IV (km. 154 to km 197)	22.73	145.87	11.28	0.00	0.00	0.00	0.00	34.01	134.59	10.01	34.00	0.00	0.00	0.73	0.00	0.00	10.74			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

(Rs. in Cr), (Potential in Th. Ha.)

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016-17	2017-18	2018-19	2019-20	2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	Total	3167.90	1192.08	300.18	181.29	81.02	26.45	19.96	3776.80	583.18	618.65	872.63	73.73	67.28	21.93	10.49	1.74	793.82			

## MAHARASHTRA

1	Waghur	573.33	274.48	81.70	0.00	113.32	29.36	0.00	797.71	50.10	15.99	38.57	0.00	4.62	5.33	4.61	0.90	31.45
2	Bawanthadi (IS)	161.36	27.23	16.84	10.00	0.00	0.00	0.00	188.19	0.40	18.17	27.71	3.00	0.63	5.91	0.00	0.00	27.71
3	Lower Dudhna	261.31	56.26	39.62	5.27	4.48	3.43	0.00	314.11	3.46	29.76	44.48	3.53	5.60	4.06	0.94	0.12	44.01
4	Tillari (IS)	105.69	17.91	11.94	0.00	0.00	0.00	0.00	117.63	5.97	5.01	6.57	0.00	0.00	0.47	0.36	0.43	6.26
5	Lower Wardha	252.07	230.20	102.47	0.00	38.94	30.83	30.83	455.14	27.13	18.76	63.33	17.00	0.00	1.68	5.37	4.01	46.81
6	Lower Panzara	114.88	18.77	8.73	9.90	0.00	0.00	0.00	133.50	0.15	3.56	6.79	2.32	0.90	0.00	0.00	0.00	6.78
7	Nandur Madhmeshwar Ph-II	175.27	17.24	16.04	0.25	0.95	0.00	0.00	192.51	0.00	3.98	20.50	10.37	0.00	6.15	0.00	0.00	20.50
8	Gosikhurd (NP)	2987.94	1091.75	0.00	166.59	195.81	50.34	135.24	3535.92	543.77	39.48	250.80	10.35	15.00	14.55	23.82	10.21	113.41

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
9	Upper Ganga Pen	328.12	344.57	12.26	26.19	55.30	50.13	0.00	471.99	200.70	30.94	44.47	1.50	0.00	0.60	0.39	2.49	35.93			
10	Bembla	721.03	330.26	24.18	54.49	42.90	40.96	56.87	940.43	110.85	39.30	52.54	1.50	1.59	0.10	0.62	1.26	44.37			
11	Tarali	253.43	80.52	24.38	0.00	6.44	10.58	16.35	311.18	22.77	6.90	14.28	0.00	0.00	0.00	1.88	0.78	9.56			
12	Dhom Balaakwadi	152.58	57.62	5.78	13.47	7.94	9.06	10.33	199.16	11.04	9.55	18.10	0.00	1.03	4.63	1.00	0.44	16.65			
13	Arjuna	79.51	20.66	1.01	4.73	3.36	0.00	8.59	97.20	2.97	0.53	5.70	0.00	0.00	0.00	1.54	1.60	3.67			
14	Upper Kundalika	101.12	15.09	1.01	7.04	1.56	1.31	0.00	112.04	4.17	0.10	2.80	0.00	1.09	1.51	0.10	0.00	2.80			
15	Aruna	70.54	70.54	0.00	0.00	0.00	0.00	0.00	70.54	70.54	0.00	9.03	1.25	0.00	0.00	0.00	0.00	1.25			
16	Krishna Koyana Lift	618.80	337.78	23.09	29.27	44.92	54.67	36.48	807.23	149.35	40.54	104.17	0.00	6.25	16.10	20.35	10.47	93.71			
17	Gadnadi	37.80	4.14	0.10	0.63	0.81	0.00	0.00	39.34	2.60	0.54	3.47	0.07	0.00	0.00	0.52	0.50	1.64			
18	Dongargaon	16.90	5.89	1.17	2.56	2.16	0.00	0.00	22.78	0.00	1.98	2.77	0.07	0.65	0.07	0.00	0.00	2.77			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
19	Sangola Branch Canal	139.06	34.34	1.31	2.45	5.10	5.23	4.15	157.31	16.09	5.82	11.29	0.00	0.00	1.73	1.47	0.00	9.01			
20	Khadakpurna	574.92	80.70	2.14	12.00	26.02	0.00	0.00	615.08	40.54	15.29	23.86	2.33	0.00	3.05	3.20	0.00	23.86			
21	Warna	77.65	0.00	0.00	0.00	0.00	0.00	0.00	77.65	0.00	5.88	54.75	10.00	0.00	0.01	0.00	0.00	15.88			
22	Morna (Gureghar)	9.83	8.23	0.33	0.00	0.00	0.00	0.00	10.15	7.90	0.82	3.08	0.00	0.00	0.70	0.00	0.00	1.52			
23	Lower Pedhi	219.60	38.02	4.18	6.31	0.00	7.31	0.00	237.39	20.22	0.00	17.02	0.00	0.00	0.00	0.00	0.00	0.00			
24	Wang project	14.53	5.58	0.32	0.00	0.00	3.64	0.00	18.49	1.62	1.12	7.07	0.00	0.00	4.63	0.00	0.00	5.75			
25	Naradave (Mahammadwadi)	37.68	25.76	1.27	10.81	0.00	0.00	0.00	49.76	13.68	0.93	12.28	0.00	0.00	0.04	0.10	0.04	1.09			
26	Kudali	12.22	10.43	0.00	1.13	0.00	1.75	1.75	16.85	5.81	0.00	5.33	0.00	0.00	0.20	0.03	0.00	0.23			
	Total	8097.14	3203.96	379.88	363.06	550.01	298.59	300.59	9989.28	1311.82	294.92	850.74	63.29	37.36	71.50	66.30	33.24	566.61			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS								IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
<b>MANIPUR</b>																				
1	Thoubal	903.37	216.60	105.53	11.62	21.93	30.50	23.51	1096.46	23.51	16.16	29.45	4.00	0.00	0.00	0.00	3.79	23.95		
2	Dolaithabi Barrage	270.12	35.27	21.47	13.80	0.00	0.00	0.00	305.39	0.00	1.50	7.55	0.00	3.24	2.39	0.00	0.00	7.13		
	<b>Total</b>	<b>1173.49</b>	<b>251.87</b>	<b>127.00</b>	<b>25.42</b>	<b>21.93</b>	<b>30.50</b>	<b>23.51</b>	<b>1401.85</b>	<b>23.52</b>	<b>17.66</b>	<b>37.00</b>	<b>4.00</b>	<b>3.24</b>	<b>2.39</b>	<b>0.00</b>	<b>3.79</b>	<b>31.08</b>		
<b>ODISHA</b>																				
1	Lower Indra(KBK)	987.10	104.88	89.75	0.00	0.00	7.55	7.55	1091.95	0.03	18.50	35.87	0.00	0.00	5.00	12.37	0.00	35.87		
2	Upper Indravati Extn (KBK)	538.10	18.00	18.00	0.00	0.00	0.00	0.00	556.10	0.00	85.39	85.95	0.00	0.56	0.00	0.00	0.00	85.95		
3	Rukura-Tribal	63.66	27.07	7.26	16.63	1.23	0.00	0.00	88.78	1.95	0.00	7.65	2.00	4.65	0.15	0.85	0.00	7.65		
4	Subernarekha	1435.17	642.33	200.66	240.79	45.27	77.80	38.90	2038.59	38.91	82.75	119.26	3.42	0.00	0.00	0.00	0.00	86.17		
5	Anandpur Barr. Ph.-I / Integrated Anandpur Barr.	97.92	70.31	16.39	0.00	0.00	5.30	6.32	125.93	42.30	3.31	8.88	0.00	0.00	0.00	0.00	0.00	3.31		

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016-17	2017-18	2018-19	2019-20	2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
6	RET irrigation	94.32	110.78	34.40	47.12	14.60	0.00	0.00	190.44	14.66	0.00	8.50	0.00	7.44	1.07	0.00	0.00	8.51			
7	Kanupur	612.75	270.28	32.96	28.51	48.82	0.00	23.62	746.66	136.37	0.00	47.74	0.00	0.00	0.00	0.00	0.00	0.00			
8	Telengiri	145.33	208.91	58.32	131.66	9.47	0.00	0.00	344.78	9.46	0.00	13.83	0.00	4.97	6.88	1.98	0.00	13.83			
	Total	3974.35	1452.56	457.74	464.71	119.39	90.65	76.39	5183.23	243.68	189.95	327.68	5.42	17.62	13.10	15.20	0.00	241.28			
<b>PUNJAB</b>																					
1	Kandi Canal Extension (Ph.II)	93.48	45.76	45.76	0.00	0.00	0.00	0.00	139.24	0.00	18.73	23.33	0.00	2.10	2.50	0.00	0.00	23.33			
2	Rehabilitation of Ist Patiala Feeder and Kotla Branch Project	29.61	6.66	6.66	0.00	0.00	0.00	0.00	36.27	0.00	61.60	68.62	0.00	7.02	0.00	0.00	1.44	70.06			
	Total	123.09	52.42	52.42	0.00	0.00	0.00	0.00	175.51	0.00	80.33	91.95	0.00	9.12	2.50	0.00	1.44	93.39			
<b>RAJASTHAN</b>																					
1	Narmada Canal	1084.05	427.82	40.79	199.99	93.43	0.00	93.61	1511.86	0.01	239.17	245.88	0.00	6.52	0.12	0.07	0.00	245.88			

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016-17	2017-18	2018-19	2019-20	2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
2	Mod. of Gang Canal	217.74	32.08	5.10	16.88	1.72	7.04	0.00	248.48	1.34	69.16	69.69	0.00	0.53	0.00	0.00	0.00	69.69			
	Total	1301.79	459.90	45.89	216.87	95.15	7.04	93.61	1760.34	1.35	308.33	315.58	0.00	7.05	0.12	0.07	0.00	315.57			

## TELANGANA

1	J. Chokha Rao LIS	1317.09	966.64	470.60	0.00	0.00	205.00	145.48	2138.17	145.56	55.76	249.00	10.00	39.58	0.00	2.76	7.38	115.49
2	Sri Komaram Bheem project	145.54	0.00	0.00	0.00	0.00	0.00	0.00	145.54	0.00	3.77	9.92	2.25	0.07	0.00	0.38	0.00	6.48
3	Gollavagu Project	60.47	10.49	0.00	0.00	0.00	0.00	4.78	65.25	5.71	2.02	3.85	0.81	0.00	1.02	0.00	0.00	3.85
4	Rallivagu project	6.71	0.00	0.00	0.00	0.00	0.00	0.00	6.71	0.00	2.23	2.43	0.20	0.00	0.00	0.00	0.00	2.43
5	Mathadivagu Project	37.02	5.35	2.67	0.00	1.99	0.00	0.00	41.68	0.69	2.79	3.44	0.65	0.00	0.00	0.00	0.00	3.44
6	Peddavagu @ Neelwai project	18.40	0.00	0.67	0.00	0.00	0.00	0.00	19.07	-0.67	0.00	6.07	0.20	3.24	0.00	0.21	0.00	3.65
7	Palemvagu project	9.54	0.00	0.00	0.00	0.00	0.00	0.00	9.54	0.00	2.23	4.10	0.00	0.00	0.00	0.16	0.00	2.38

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016-17	2017-18	2018-19	2019-20	2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
8	Peddavagu @ Jagannathpur	106.03	4.21	0.00	0.00	0.00	0.00	2.29	108.32	1.92	0.00	6.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	SRSP St.II	139.47	48.36	17.02	13.24	0.00	9.05	0.00	178.78	9.05	155.07	178.07	0.00	0.00	0.00	0.00	4.88	159.95			
10	Rajiv Bheema L.I. Scheme	1165.67	94.66	54.48	0.00	0.00	0.00	10.27	1230.42	29.91	4.86	82.15	6.00	41.23	7.50	0.24	0.00	59.82			
11	Indiramma Flood Flow Canal	382.40	0.00	0.00	0.00	0.00	0.00	0.00	382.40	0.00	0.00	40.00	0.00	0.00	1.21	0.00	8.09	9.31			
	Total	3388.34	1129.71	545.44	13.24	1.99	214.05	162.82	4325.88	192.17	228.73	585.10	20.11	84.12	9.73	3.74	20.36	366.78			

## UTTAR PRADESH

1	Bansagar Canal	867.58	147.45	64.64	63.36	15.51	0.00	0.00	1011.09	3.94	50.00	150.13	50.00	50.13	0.00	0.00	0.00	150.13
2	Arjun sahayak	556.72	132.41	9.00	2.25	57.84	31.66	15.83	673.29	15.84	0.00	44.38	0.00	12.00	10.20	9.97	12.21	44.38
3	Madhya Ganga canal PH-II	191.95	92.00	0.00	0.00	18.81	17.80	17.80	246.36	37.59	41.32	146.53	0.00	0.00	17.68	24.74	21.00	104.74
4	Saryu Nahar(NP)	1988.20	1228.58	62.00	0.00	305.00	358.22	358.21	3071.63	145.15	630.60	1312.00	17.40	0.00	356.00	148.00	15.28	1167.28

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Table 2.2 (b): Central Assistance and Irrigation Potential Status of 99 Priority Projects under PMKSY-AIBP

Sl. No.	Project Name	CA Status (in Cr Rs.)										IRRIGATION POTENTIAL CREATION STATUS									IP Created under AIBP as on March, 2021
		Cumulative CA/CLA Released as on 03/2016	Maximum CA Eligibility as on 01.04.2016	CA Released during 2016-17	CA Released during 2017-18	CA Released during 2018-19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released as on 03/2021	Balance CA as on 01.04. 2021	IP Created under AIBP up to 03/2016	IP Target under AIBP	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	Total	3604.45	1600.44	135.64	65.61	397.16	407.68	391.84	5002.37	202.51	721.92	1653.05	67.40	62.13	383.88	182.72	48.49	1466.54			
<b>UT OF LADDAKH</b>																					
1	Prakachik Khows Canal Project	31.65	3.41	0.00	1.35	0.00	0.81	0.81	34.62	0.44	1.50	2.26	0.00	0.00	0.00	0.00	0.00	1.50			
Total		31.65	3.41	0.00	1.35	0.00	0.81	0.81	34.62	0.44	1.50	2.26	0.00	0.00	0.00	0.00	0.00	1.50			
Grand Total		37362.02	17178.31	3307.97	3593.69	2871.57	1745.76	1508.78	50389.79	4150.54	4139.05	7602.55	511.47	702.11	615.01	317.27	125.22	6410.14			

Source: Monitoring (Central), PMO, Central Water Commission, M/o Jal Shakti

Table 2.3: CAD&amp;WM Inclusion Status

Sl. No.	State	No. of Priority Projects	Projects Included directly by M/o Jal Shakti	Proj- ects not Requir- ing CAD &WM	Projects Requiring Inclusion as on 01.4.2016	Status of Examination of DPRs in Field Units				Status of Examination of DPRs in HQ				Projects Included in M/o Jal Shakti after CWC HQ Recommenda- tions	Project name of those not Included by M/o Jal Shakti but Recommended by CWC	DPR yet to be Submitted or Resubmitted by State	Project name of those not Received or to be Re-submitted
						Received in Field Units	Under examination	Returned to States	Recom-mended to HQ	Received in HQ	Under examination	Returned to Field Units	Recom-mended to M/o Jal Shakti				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	8	0	1	7	7	0	0	7	7	0	0	7	7		0	
2	Assam	3	2	0	1	1	0	0	1	1	0	0	1	1		0	
3	Bihar	2	1	0	1	0	0	0	0	0	0	0	0	0	0	1	Punpun
4	Chhattisgarh	3	0	0	3	3	0	0	3	3	0	0	3	3		0	
5	Goa	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
6	Gujarat	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
7	Jammu & Kashmir	4	0	1	3	3	0	0	3	3	0	0	3	3		0	
8	Jharkhand	1	0	0	1	1	0	0	1	1	0	0	1	1		0	
9	Karnataka	5	3	0	2	2	0	0	2	2	0	0	2	2		0	
10	Kerala	2	1	0	1	0	0	0	0	0	0	0	0	0	0	1	Karapuzha
11	Madhya Pradesh	21	17	0	4	4	0	0	4	4	0	0	4	2	Bargi Diversion Phase-III & IV	2	Bargi Diversion Phase-III & IV
12	Maharashtra	26	9	4	13	13	0	0	13	13	0	0	13	13		0	
13	Manipur	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Odisha	8	4	0	4	4	0	0	4	4	0	0	4	4		0	
15	Punjab	2	0	2	0	0	0	0	0	0	0	0	0	0	0		
16	Rajasthan	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
17	Telangana	11	0	0	11	11	0	0	11	11	0	0	11	11		0	
18	Uttar Pradesh	4	0	1	3	3	0	1	2	2	0	0	2	2		1	Madhya Ganga canal Ph-II
<b>Total</b>		<b>106</b>	<b>42</b>	<b>10</b>	<b>54</b>	<b>52</b>	<b>0</b>	<b>1</b>	<b>51</b>	<b>51</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>49</b>	<b>2</b>	<b>5</b>	

Source: P&amp;P Directorate, CWC, M/o Jal Shakti

**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress						(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Andhra Pradesh	1	Gundalakamma	Praksam	2017-18	2025-26	32.400	47.150	102.798	0.000	0.000	0.000	0.000	0.420	0.420	0.41			
	2	Tadipudi LIS	West Godavari	2017-18	2025-26	54.346	109.340	277.290	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	3	Thotapally	Srikakulam	2017-18	2025-26	29.138	58.530	265.840	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	4	Tarakaram Teertasagaram	Vijayanagaram	2017-18	2025-26	4.351	10.145	25.917	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	5	Musurumilli	East Godavari	2017-18	2025-26	5.915	12.677	31.725	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	6	Pushkara LIS	East Godavari	2017-18	2025-26	46.546	99.656	240.870	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	7	Yerracalva	West Godavari	2018-19	2025-26	5.924	11.875	26.540	0.000	0.000	0.000	0.000	0.500	0.500	1.88			
	8	Maddigedda	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	<b>Total</b>					<b>178.620</b>	<b>349.373</b>	<b>970.980</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.920</b>	<b>0.920</b>	<b>0.09</b>			
Assam	9	Dhansiri	Udalguri	2014-15	2025-26	34.183	66.27	151.990	0.000	2.333	6.096	5.889	3.752	18.070	11.89			
	10	Champamati	Kokrajhar, Chirang (BTC), Bongaigaon	2015-16	2022-23	6.587	13.85	27.230	0.000	6.430	7.100	0.000	8.000	21.530	79.07			
	11	Borolia	Baksa, Kamrup	2018-19	2025-26	8.917	16.52	36.238	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	<b>Total</b>					<b>49.687</b>	<b>96.64</b>	<b>215.458</b>	<b>0.000</b>	<b>8.763</b>	<b>13.196</b>	<b>5.889</b>	<b>11.752</b>	<b>39.600</b>	<b>18.38</b>			
Bihar	12	Durgawati	Kuaimue, Rohtas	2015-16	2023-24	30.510	50.6638	142.395	7.850	18.060	17.550	10.380	12.690	66.530	46.72			
	13	Punpun	.....			0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	<b>Total</b>					<b>30.510</b>	<b>50.6638</b>	<b>142.395</b>	<b>7.850</b>	<b>18.060</b>	<b>17.550</b>	<b>10.380</b>	<b>12.690</b>	<b>66.530</b>	<b>46.72</b>			
Chhattisgarh	14	Maniyari Tank	Mungeli	2017-18	2025-26	11.515	22.63	45.370	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	15	Kelo	Rajgarh, Janjgir Champa	2017-18	2025-26	22.810	40.51	81.210	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	16	Kharung	Bilaspur	2017-18	2025-26	8.300	16.43	33.180	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
	<b>Total</b>					<b>42.625</b>	<b>79.57</b>	<b>159.760</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.00</b>			
Goa	17	Tillari	Talukas, Bicholim, Bardez	2007-08	2023-24	11.777	18.770	137.920	4.720	7.160	9.090	10.960	4.310	36.240	26.28			
	<b>Total</b>					<b>11.777</b>	<b>18.770</b>	<b>137.920</b>	<b>4.720</b>	<b>7.160</b>	<b>9.090</b>	<b>10.960</b>	<b>4.310</b>	<b>36.240</b>	<b>26.28</b>			

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Rs. in Cr)		(Area Th. Ha)		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
Gujarat	18	Sardar Sarovar Project	Vadodara, Bharuch, Narmada, Panchmahal, Chhotauddepur, Gandinagar, Ahmedabad, Mahesana, Patan, Banaskantha, Botad, Surendranagar, Morbi, Rajkot, Bhavnagar, Kutch (16)	2004-05	2023-24	1363.859	2510.883	5021.765	1435.900	1224.730	861.680	60.692	25.288	3608.290	71.85					
	<b>Total</b>					<b>1363.859</b>	<b>2510.883</b>	<b>5021.765</b>	<b>1435.900</b>	<b>1224.730</b>	<b>861.680</b>	<b>60.692</b>	<b>25.288</b>	<b>3608.290</b>	<b>71.85</b>					
Jammu & Kashmir	19	Tral Lift	Pulwama	2017-18	2021-22	1.413	3.01073	6.161	0.000	0.000	1.590	0.000	1.450	3.040	49.35					
	20	Prakachik Khows Canal (Kargil)	Kargil	2017-18	2021-22	0.462	0.70913	1.866	0.000	0.000	0.217	0.000	0.486	0.703	37.68					
	21	Restoration & Mod. of Main Ravi Canal	.....			0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00					
	22	Rajpora Lift	Pulwama.	2017-18	2021-22	0.585	1.5212	3.613	0.000	0.000	1.540	0.000	1.220	2.760	76.40					
	<b>Total</b>					<b>2.460</b>	<b>5.24106</b>	<b>11.639</b>	<b>0.000</b>	<b>0.000</b>	<b>3.347</b>	<b>0.000</b>	<b>3.156</b>	<b>6.503</b>	<b>55.87</b>					
Jharkhand	23	Subernarekha	East Singhbhum, Saraikele, Kharsawan	2018-19	2025-26	66.645	133.320	747.530	0.000	0.000	0.000	0.000	0.000	0.000	0.000					
	<b>Total</b>					<b>66.645</b>	<b>133.320</b>	<b>747.530</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>					
Karnataka	24	Upper Tunga Irrigation Project	Haveri, Simoga, Davengere	2015-16	2022-23	25.449	55.860	130.220	5.940	13.710	14.210	5.480	11.600	50.940	39.12					
	25	Sri Rameswar Irrigation	Belgaum	2016-17	2021-22	11.418	22.710	46.730	22.140	8.150	11.260	3.700	0.000	45.250	96.83					
	26	Bhima LIS	Kalaburagi	2016-17	2021-22	12.898	23.630	47.040	10.870	17.900	11.070	0.510	3.080	43.430	92.33					
	27	Karanja	Bidar	2017-18	2022-23	5.588	11.230	42.600	0.000	0.000	3.750	8.090	2.700	14.540	34.13					
	28	NLBC	Bijapur, Gulbarga	2018-19	2025-26	28.665	62.170	750.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	<b>Total</b>					<b>84.018</b>	<b>175.600</b>	<b>1016.590</b>	<b>38.950</b>	<b>39.760</b>	<b>40.290</b>	<b>17.780</b>	<b>17.380</b>	<b>154.160</b>	<b>15.16</b>					

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Kerala	29	Muvattupuzha	Idukki, Ernakulam, Kottayam	2015-16	2025-26	18.476	48.720	107.300	1.540	0.000	0.000	0.000	0.000	1.540	1.44				
	30	Karapuzha	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	<b>Total</b>					<b>18.476</b>	<b>48.720</b>	<b>107.300</b>	<b>1.540</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1.540</b>	<b>1.44</b>				
Madhya Pradesh	31	Sindh Project Phase II	Shivpuri, Gwalior, Datia & Bhind	2014-15	2023-24	90.564	180.760	361.530	70.894	73.310	26.967	10.426	4.453	186.050	51.46				
	32	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	Khandwa, Khargone, Barwani	2015-16	2025-26	88.000	196.720	410.575	5.440	10.540	4.565	0.000	0.000	20.545	5.00				
		Indira Sagar Project Canal Phase -III				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	33	Mahi Project	Dhar	2015-16	2023-24	28.127	64.280	128.340	2.656	15.800	11.393	7.565	2.136	39.550	30.82				
	34	Barriyarpur LBC	Chhatarpur	2011-12	2023-24	19.003	25.926	51.850	12.675	8.480	1.533	4.250	0.122	27.060	52.19				
	35	Bansagar Unit 2	Rewa, Satna, Sidhi and Shahdol	2014-15	2025-26	97.036	224.300	448.600	49.020	38.000	27.960	14.558	3.472	133.010	29.65				
	36	Mahan Project	Sidhi	2014-15	2023-24	14.313	27.260	54.520	5.590	12.600	0.110	3.400	0.000	21.700	39.80				
	37	Pench Project	Chhindwara, Seoni	2014-15	2023-24	27.868	51.220	102.440	14.610	13.000	9.067	11.392	1.481	49.550	48.37				
	38	Sagad Project	Vidisha	2014-15	2021-22	9.478	17.680	35.370	3.359	6.750	11.771	0.782	0.358	23.020	65.08				
	39	Singhpur Project	Chhatarpur	2014-15	2021-22	5.840	10.370	21.390	4.730	8.100	0.000	0.000	0.000	12.830	59.98				
	40	Sanjay sagar (Bah) Project	Vidisha	2014-15	2022-23	9.673	18.090	36.190	2.605	3.400	11.196	0.000	0.999	18.200	50.29				
	41	Mahuar Project	Shivpuri	2014-15	2021-22	9.160	16.790	33.590	16.060	6.140	1.060	1.040	1.040	25.340	75.44				
	42	Indira Sagar Project Canal Phase – IV (km. 206 to km. 243)	Khandwa, Khargone, Barwani			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
		Indira Sagar Project Canal Phase –V				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Madhya Pradesh	43	Omkareshwar Project Canal Phase-III (RBC km. 65.50 to km 142)	Khandwa, Khargone, Dhar	2015-16	2025-26	143.365	323.570	648.090	7.560	15.640	14.890	0.000	25.200	63.290	9.77				
		Omkareshwar Project Canal Phase-II				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
		Omkareshwar Project Canal Phase-IV				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	44	Bargi Diversion Project Phase -I (km. 16 to km 63)	Jabalpur	2017-18	2025-26	21.194	41.184	82.516	0.000	0.000	0.000	0.000	0.850	0.850	1.03				
		Bargi Diversion Project Phase - II (km. 63 to km 104)	Jabalpur, Katani	2017-18	2025-26	31.899	60.868	121.987	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
		Bargi Diversion Project Phase - III				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
		Bargi Diversion Project Phase - IV				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	<b>Total</b>					<b>595.520</b>	<b>1259.018</b>	<b>2536.988</b>	<b>195.199</b>	<b>211.760</b>	<b>120.512</b>	<b>53.413</b>	<b>40.111</b>	<b>620.995</b>	<b>24.48</b>				
Maharashtra	45	Waghur	Jalgaon	2016-17	2021-22	17.972	39.130	77.950	0.000	0.672	30.950	19.137	2.711	53.470	68.60				
	46	Bawanhadi (IS)	Bhandara	2016-17	2022-23	2.500	7.410	15.630	0.000	0.300	2.420	1.040	0.740	4.500	28.79				
	47	Lower Dudhna	Parbhani, Jalana	2016-17	2025-26	30.040	72.259	145.490	0.000	0.000	17.390	12.369	12.401	42.160	28.98				
	48	Tillari	Sinsudhurg	2016-17	2023-24	6.570	13.143	32.428	0.000	0.843	0.910	0.102	2.415	4.270	13.17				
	49	Lower Wardha	Wardha	2016-17	2025-26	61.203	98.850	198.630	11.860	10.220	24.490	2.826	15.244	64.640	32.54				
	50	Lower Panzara	Dhule	2016-17	2022-23	6.785	15.740	29.020	0.000	0.980	5.520	0.000	5.120	11.620	40.04				
	51	Nandur Madhmeshwar Ph-II	Sindhudurg	2009-10	2025-26	23.116	49.330	98.500	0.000	1.580	0.040	0.539	1.941	4.100	4.16				

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Maharashtra	52	Gosikhurd (NP)	Nagpur, Bhandara, Chandrapur	2017-18	2025-26	176.107	354.095	743.725	0.000	0.000	0.000	0.000	4.600	4.600	0.62				
	53	Upper Pen Ganga	Nanded, Hingoli, Yavatmal	2010-11	2025-26	17.289	34.830	69.620	0.000	6.320	5.760	9.260	0.000	21.340	30.65				
	54	Bembla	Yavatmal	2017-18	2025-26	29.779	64.490	164.440	0.000	9.380	14.870	7.690	12.330	44.270	26.92				
	55	Tarali	Satara	2017-18	2025-26	13.086	25.259	53.635	0.000	0.000	0.000	3.720	8.470	12.190	22.73				
	56	Dhom Balkwadi	Pune and Satara	2010-11	2022-23	4.054	8.180	21.770	0.657	1.508	2.174	0.453	0.000	4.791	22.01				
	57	Arjuna	Ratnagiri	2017-18	2023-24	5.704	11.189	28.940	0.000	0.000	0.000	0.000	8.990	8.990	31.06				
	58	Upper Kundalika	Beed	2017-18	2022-23	2.800	5.600	14.629	0.000	0.000	6.760	1.920	0.000	8.680	59.33				
	59	Aruna	Sindhudurg	2017-18	2025-26	5.310	9.600	20.259	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	60	Krishna Koyana Lift	Sangli.	2017-18	2025-26	52.824	67.385	132.688	0.000	0.000	2.030	2.310	7.350	11.690	8.81				
	61	Gadnadi	Ratnagiri	2017-18	2022-23	3.111	6.103	19.129	0.000	0.000	0.000	0.000	0.030	0.030	0.16				
	62	Dongargaon	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	63	Sangola Branch Canal	Solapur	2017-18	2023-24	6.883	13.830	32.449	0.000	0.580	0.560	0.060	0.000	1.200	3.70				
	64	Khadakpurna	Buldhana	2017-18	2025-26	15.720	31.300	79.421	0.000	0.440	2.577	5.502	1.771	10.290	12.96				
	65	Warna	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	66	Morna (Gureghar)	Satara	2017-18	2023-24	4.229	8.163	16.796	0.000	0.000	0.300	0.000	3.050	3.350	19.95				
	67	Lower Pedhi	Amravati, Akola	2017-18	2025-26	10.192	20.500	43.882	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	68	Wang project	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	69	Naradave(Mahamadwadi)	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	70	Kudali	Satara	2017-18	2025-26	5.327	10.703	26.758	0.000	0.000	0.000	0.000	0.000	0.000	0.00				
	<b>Total</b>					<b>500.601</b>	<b>967.089</b>	<b>2065.789</b>	<b>12.517</b>	<b>32.823</b>	<b>116.751</b>	<b>66.928</b>	<b>87.163</b>	<b>316.181</b>	<b>15.31</b>				
Manipur	71	Thoubal	Imphal, Senapati, Thoubal,Ukru	2014-15	2023-24	9.839	32.93	65.850	0.000	14.290	0.000	0.000	11.810	26.100	39.64				
	72	Dolaithabi Barrage	Imphal, Senapati,	2014-15	2023-24	3.223	11.43	21.704	0.000	5.050	0.000	0.000	4.010	9.060	41.74				
	<b>Total</b>					<b>13.062</b>	<b>44.36</b>	<b>87.553</b>	<b>0.000</b>	<b>19.340</b>	<b>0.000</b>	<b>0.000</b>	<b>15.820</b>	<b>35.160</b>	<b>40.16</b>				

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Odisha	73	Lower Indra (KBK)	Noapada	2015-16	2023-24	29.900	51.84	103.980	0.000	0.000	39.180	21.750	11.390	72.3200	69.55				
	74	Upper Indravati (KBK)	Kalahandi	2015-16	2020-21	23.834	44.032	140.265	43.430	65.838	13.140	2.650	0.000	125.0580	89.16				
	75	Rukura-Tribal	Kalahandi	2016-17	2020-21	5.750	10.21	31.630	4.820	13.450	5.120	0.490	0.000	23.8800	75.50				
	76	Subernarekha	Sundargarh	2016-17	2023-24	68.883	126.0295	389.580	7.446	11.950	12.980	3.360	2.254	37.9900	9.75				
	77	Anandpur Barr. Ph.-I /Integrated Anandpur Barr.	Keonjhar, Bhadrak	2016-17	2025-26	60.000	101.57	334.370	0.000	2.080	2.090	1.700	2.560	8.4300	2.52				
	78	RET irrigation	Kalahandi	2016-17	2020-21	8.500	16.5515	46.870	0.000	8.130	28.640	2.690	0.000	39.4600	84.19				
	79	Kanupur	Kaeonjhar	2016-17	2025-26	29.578	53.4438	164.850	0.000	1.070	1.280	1.700	0.000	4.0500	2.46				
	80	Telengiri	Koraput	2016-17	2023-24	9.952	16.72	54.510	0.000	0.900	6.940	28.400	7.260	43.5000	79.80				
	<b>Total</b>					<b>236.397</b>	<b>420.3968</b>	<b>1266.055</b>	<b>55.700</b>	<b>103.420</b>	<b>109.370</b>	<b>62.740</b>	<b>23.464</b>	<b>354.6940</b>	<b>28.02</b>				
Punjab	81	Kandi Canal Extension (Ph.II)	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000				
	82	Rehabilitation of 1st Patiala Feeder and Kotla Branch Project	Bhathinda, Mansa, Sangrur and Barnala	2019-20	2025-26	142.66	228.87	475.48	0.000	0.000	0.000	0.000	0.000	0.000	0.000				
	<b>Total</b>					<b>142.658</b>	<b>228.870</b>	<b>475.478</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>		
Rajasthan	83	Narmada Canal	Jalore & Barmer	2017-18	2025-26	0.000	54.060	97.480	0.000	0.000	0.000	7.170	0.000	7.170	7.36				
	84	Mod. of Gang Canal	Sriganganagar	2015-16	2025-26	117.975	175.990	353.400	10.440	12.990	14.850	15.000	21.900	75.180	21.27				
	<b>Total</b>					<b>117.975</b>	<b>230.050</b>	<b>450.880</b>	<b>10.440</b>	<b>12.990</b>	<b>14.850</b>	<b>22.170</b>	<b>21.900</b>	<b>82.350</b>	<b>18.26</b>				
Telangana	85	J. ChokhaRao LIS	Warangal, Nalgonda, Karimnagar, Medak	2016-17	2025-26	248.685	380.35	759.940	0	0	0	5.22	0.000	5.22	0.69				
	86	Sri Komaram Bheem project	Komaram, Bheem Ashifabad	2017-18	2025-26	9.915	19.1	39.660	0	0	0	0	0.000	0	0.00				

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**Table 2.4 (a): State- wise Status (Expenditure Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion (*)	As per DPR/ MoU			Expenditure Progress							(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	Expenditure 2016-17	Expenditure 2017-18	Expenditure 2018-19	Expenditure 2019-20	Expenditure 2020-21	Total	% Expenditure Progress		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Telangana	87	Gollavagu Project	Mancherial	2016-17	2025-26	3.845	7.186	20.400	0	0	0	0	0	0.000	0	0.00	
	88	Rallivagu project	Mancherial	2016-17	2025-26	0.918	1.47	5.570	0	0	0	0	0	0.000	0	0.00	
	89	Mathadivagu Project	Adilabad	2016-17	2025-26	3.44	6.32	12.380	0	0	0	0	0	0.000	0	0.00	
	90	Peddavagu @ Neelwai project	Mancherial	2016-17	2025-26	5.26	6.67	18.450	0	0	0	0	0	0.000	0	0.00	
	91	Palemvagu project	Khammam	2016-17	2025-26	2.014	2.6	5.200	0	0	0	0	0	0.000	0	0.00	
	92	Peddavagu @ Jagannathpur	Khammam, Bheem Ashifabad	2016-17	2025-26	6.073	12.2	52.550	0	0	0	0	0	0.000	0	0.00	
	93	SRSP St.II	Warangal, Mahbubabad, Khammam, Suryapet, Jangaon	2016-17	2025-26	73.138	103.24	204.080	0	0	0	0	0	0.000	0	0.00	
	94	Rajiv Bheema L.I. Scheme	Mahaboobnagar, Wanaparthy	2016-17	2025-26	82.153	114.81	245.270	0	0	0	0	0	0.000	0	0.00	
	95	Indiramma Flood Flow Canal	Warangal	2016-17	2025-26	93.587	48.26	97.230	0	0	0	0	0	0.000	0	0.00	
	<b>Total</b>					<b>529.028</b>	<b>702.206</b>	<b>1460.730</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>5.220</b>	<b>0.000</b>	<b>5.22</b>	<b>0.36</b>		
Uttar Pradesh	96	Arjunsahayak	Mahoba, Hamirpur	2017-18	2025-26	44.381	77.87	188.97	0	0	0	0	0	0.000	0	0.00	
	97	Saryu Nahar (NP)	Bahraich, Basti, Gonda, Shravasti, Balrampur, Sidharth Nagar, Sant Kabir Nagar	2017-18	2025-26	480.000	837.058	1672.696	0	0	0	0	0.470	0.47	0.03		
	98	Bansagar				0	0	0	0	0	0	0	0	0.000	0	0.00	
	99	Madhya Ganga				0	0	0	0	0	0	0	0	0.000	0	0.00	
	<b>Total</b>					<b>524.381</b>	<b>914.928</b>	<b>1861.666</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.470</b>	<b>0.470</b>			
<b>Grand Total</b>						<b>4508.299</b>	<b>8235.694</b>	<b>18736.48</b>	<b>1762.816</b>	<b>1678.806</b>	<b>1306.636</b>	<b>316.172</b>	<b>264.424</b>	<b>5328.853</b>	<b>28.44</b>		

Source: CAD Wing, D/o Water Resources, RD & GR, M/o Jal Shakti

\* May change with revision of MoUs.

**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	(Rs. in Cr) (Area Th. Ha)		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
Andhra Pradesh	1	Gundalakamma	Praksam	2017-18	2025-26	32.400	47.150	102.798
	2	Tadipudi LIS	West Godavari	2017-18	2025-26	54.346	109.340	277.290
	3	Thotapally	Srikakulam	2017-18	2025-26	29.138	58.530	265.840
	4	Tarakaram Teertasagaram	Vijayanagaram	2017-18	2025-26	4.351	10.145	25.917
	5	Musurumilli	East Godavari	2017-18	2025-26	5.915	12.677	31.725
	6	Pushkara LIS	East Godavari	2017-18	2025-26	46.546	99.656	240.870
	7	Yerracalva	West Godavari	2018-19	2025-26	5.924	11.875	26.540
	8	Maddigedda	.....			0.000	0.000	0.000
<b>Total</b>						<b>178.620</b>	<b>349.373</b>	<b>970.980</b>
Assam	9	Dhansiri	Udalguri	2014-15	2025-26	34.183	66.27	151.990
	10	Champamati	Kokrajhar, Chirang (BTC), Bongaigaon	2015-16	2022-23	6.587	13.85	27.230
	11	Borolia	Baksa, Kamrup	2018-19	2025-26	<b>8.917</b>	16.52	<b>36.238</b>
	<b>Total</b>					<b>49.687</b>	<b>96.64</b>	<b>215.458</b>
Bihar	12	Durgawati	Kuaimue, Rohtas	2015-16	2023-24	30.510	50.6638	142.395
	13	Punpun	.....			0.000	0	0.000
	<b>Total</b>					<b>30.510</b>	<b>50.6638</b>	<b>142.395</b>
Chhattisgarh	14	Maniyari Tank	Mungeli	2017-18	2025-26	11.515	22.63	45.370
	15	Kelo	Rajgarh, Janjgir Champa	2017-18	2025-26	22.810	40.51	81.210
	16	Kharung	Bilaspur	2017-18	2025-26	8.300	16.43	33.180
	<b>Total</b>					<b>42.625</b>	<b>79.57</b>	<b>159.760</b>
Goa	17	Tillari	Talukas, Bicholim, Bardez	2007-08	2023-24	11.777	18.770	137.920
	<b>Total</b>					<b>11.777</b>	<b>18.770</b>	<b>137.920</b>

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	As per DPR/MoU		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
Gujarat	18	Sardar Sarovar Project	Vadodara, Bharuch, Narmada, Panchmahal, Chhotauddepur, Gandinagar, Ahmedabad, Mahesana, Patan, Banaskantha, Botad, Surendranagar, Morbi, Rajkot, Bhavnagar, Kutch (16)	2004-05	2023-24	1363.859	2510.883	5021.765
	<b>Total</b>					<b>1363.859</b>	<b>2510.883</b>	<b>5021.765</b>
Jammu & Kashmir	19	Tral Lift	Pulwama	2017-18	2021-22	1.413	3.01073	6.161
	20	Prakachik Khows Canal (Kargil)	Kargil	2017-18	2021-22	0.462	0.70913	1.866
	21	Restoration & Mod. of Main Ravi Canal	.....			0.000	0	0.000
	22	Rajpora Lift	Pulwama.	2017-18	2021-22	0.585	1.5212	3.613
	<b>Total</b>					<b>2.460</b>	<b>5.24106</b>	<b>11.639</b>
Jharkhand	23	Subernarekha	East Singhbum, Saraikela, Kharsawan	2018-19	2025-26	66.645	133.320	747.530
	<b>Total</b>					<b>66.645</b>	<b>133.320</b>	<b>747.530</b>
Karnataka	24	Upper Tunga Irrigation Project	Haveri, Simoga,Davengere	2015-16	2022-23	25.449	55.860	130.220
	25	Sri Rameswar Irrigation	Belgaum	2016-17	2021-22	11.418	22.710	46.730
	26	Bhima LIS	Kalaburagi	2016-17	2021-22	12.898	23.630	47.040
	27	Karanja	Bidar	2017-18	2022-23	5.588	11.230	42.600
	28	NLBC	Bijapur, Gulbarga	2018-19	2025-26	28.665	62.170	750.000
	<b>Total</b>					<b>84.018</b>	<b>175.600</b>	<b>1016.590</b>
Kerala	29	Muvattupuzha	Idukki, Ernakulam, Kottayam	2015-16	2025-26	18.476	48.720	107.300
	30	Karapuzha	.....			0.000	0.000	0.000
	<b>Total</b>					<b>18.476</b>	<b>48.720</b>	<b>107.300</b>

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	As per DPR/MoU		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
Madhya Pradesh	31	Sindh Project Phase II	Shivpuri, Gwalior, Datia & Bhind	2014-15	2023-24	90.564	180.760	361.530
	32	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	Khandwa, Khargone, Barwani	2015-16	2025-26	88.000	196.720	410.575
		Indira Sagar Project Canal Phase -III				0.000	0.000	0.000
	33	Mahi Project	Dhar	2015-16	2023-24	28.127	64.280	128.340
	34	Barriyarpur LBC	Chhatarpur	2011-12	2023-24	19.003	25.926	51.850
	35	Bansagar Unit 2	Rewa, Satna, Sidhi and Shahdol	2014-15	2025-26	97.036	224.300	448.600
	36	Mahan Project	Sidhi	2014-15	2023-24	14.313	27.260	54.520
	37	Pench Project	Chhindwara, Seoni	2014-15	2023-24	27.868	51.220	102.440
	38	Sagad Project	Vidisha	2014-15	2021-22	9.478	17.680	35.370
	39	Singhpur Project	Chhatarpur	2014-15	2021-22	5.840	10.370	21.390
	40	Sanjay sagar (Bah) Project	Vidisha	2014-15	2022-23	9.673	18.090	36.190
	41	Mahuar Project	Shivpuri	2014-15	2021-22	9.160	16.790	33.590
	42	Indira Sagar Project Canal Phase – IV (km. 206 to km. 243)	Khandwa, Khargone, Barwani			0.000	0.000	0.000
		Indira Sagar Project Canal Phase –V				0.000	0.000	0.000
	43	Omkareshwar Project Canal Phase-III (RBC km. 65.50 to km 142)	Khandwa, Khargone, Dhar	2015-16	2025-26	143.365	323.570	648.090
		Omkareshwar Project Canal Phase-II				0.000	0.000	0.000
		Omkareshwar Project Canal Phase-IV				0.000	0.000	0.000

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	As per DPR/MoU		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
Madhya Pradesh	44	Bargi Diversion Project Phase – I (km. 16 to km 63)	Jabalpur	2017-18	2025-26	21.194	41.184	82.516
		Bargi Diversion Project Phase -II (km. 63 to km 104)	Jabalpur, Katani	2017-18	2025-26	31.899	60.868	121.987
		Bargi Diversion Project Phase - III				0.000	0.000	0.000
		Bargi Diversion Project Phase - IV				0.000	0.000	0.000
	<b>Total</b>					<b>595.520</b>	<b>1259.018</b>	<b>2536.988</b>
Maharashtra	45	Waghur	Jalgaon	2016-17	2021-22	17.972	39.130	77.950
	46	Bawanthadi (IS)	Bhandara	2016-17	2022-23	2.500	7.410	15.630
	47	Lower Dudhna	Parbhani, Jalana	2016-17	2025-26	30.040	72.259	145.490
	48	Tillari	Sinshudurg	2016-17	2023-24	6.570	13.143	32.428
	49	Lower Wardha	Wardha	2016-17	2025-26	61.203	98.850	198.630
	50	Lower Panzara	Dhule	2016-17	2022-23	6.785	15.740	29.020
	51	Nandur Madhmeshwar Phase-II	Sindhudurg	2009-10	2025-26	23.116	49.330	98.500
	52	Gosi khurd (NP)	Nagpur, Bhandara, Chandrapur	2017-18	2025-26	176.107	354.095	743.725
	53	Upper Pen Ganga	Nanded, Hingoli, Yavatmal	2010-11	2025-26	17.289	34.830	69.620
	54	Bembla	Yavatmal	2017-18	2025-26	29.779	64.490	164.440
	55	Tarali	Satara	2017-18	2025-26	13.086	25.259	53.635
	56	Dhom Balkwadi	Pune and Satara	2010-11	2022-23	4.054	8.180	21.770
	57	Arjuna	Ratnagiri	2017-18	2023-24	5.704	11.189	28.940
	58	Upper Kundalika	Beed	2017-18	2022-23	2.800	5.600	14.629
	59	Aruna	Sindhudurg	2017-18	2025-26	5.310	9.600	20.259

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	As per DPR/MoU		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
Maharashtra	60	Krishna Koyana Lift	Sangli.	2017-18	2025-26	52.824	67.385	132.688
	61	Gadnadi	Ratnagiri	2017-18	2022-23	3.111	6.103	19.129
	62	Dongargaon	.....			0.000	0.000	0.000
	63	Sangola Branch Canal	Solapur	2017-18	2023-24	6.883	13.830	32.449
	64	Khadakpurna	Buldhana	2017-18	2025-26	15.720	31.300	79.421
	65	Warna	.....			0.000	0.000	0.000
	66	Morna (Gureghar)	Satara	2017-18	2023-24	4.229	8.163	16.796
	67	Lower Pedhi	Amravati, Akola	2017-18	2025-26	10.192	20.500	43.882
	68	Wang project	.....			0.000	0.000	0.000
	69	Naradave(Mahammadwadi)	.....			0.000	0.000	0.000
	70	Kudali	Satara	2017-18	2025-26	5.327	10.703	26.758
	<b>Total</b>					<b>500.601</b>	<b>967.089</b>	<b>2065.789</b>
Manipur	71	Thoubal	Imphal, Senapati, Thoubal,Ukrul	2014-15	2023-24	9.839	32.93	65.850
	72	Dolaithabi Barrage	Imphal, Senapati,	2014-15	2023-24	3.223	11.43	21.704
	<b>Total</b>					<b>13.062</b>	<b>44.36</b>	<b>87.553</b>
Odisha	73	Lower Indra (KBK)	Noapada	2015-16	2023-24	29.900	51.84	103.980
	74	Upper Indravati (KBK)	Kalahandi	2015-16	2020-21	23.834	44.032	140.265
	75	Rukura-Tribal	Kalahandi	2016-17	2020-21	5.750	10.21	31.630
	76	Subernarekha	Sundargarh	2016-17	2023-24	68.883	126.03	389.580
	77	Anandpur Barr. Ph.-I /Integrated Anandpur Barr.	Keonjhar, Bhadrak	2016-17	2025-26	60.000	101.57	334.370
	78	RET irrigation	Kalahandi	2016-17	2020-21	8.500	16.5515	46.870
	79	Kanupur	Kaeonjhar	2016-17	2025-26	29.578	53.4438	164.850

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	As per DPR/MoU		
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)
1	2	3	4	5	6	7	8	9
	80	Telengiri	Koraput	2016-17	2023-24	9.952	16.72	54.510
	<b>Total</b>					<b>236.397</b>	<b>420.397</b>	<b>1266.055</b>
Punjab	81	Kandi Canal Extension (Ph.II)	.....			0.000	0.000	0.000
	82	Rehabilitation of 1st Patiala Feeder and Kotla Branch Project	Bhathinda, Mansa, Sangrur and Barnala	2019-20	2025-26	142.66	228.87	475.48
	<b>Total</b>					<b>142.658</b>	<b>228.870</b>	<b>475.478</b>
Rajasthan	83	Narmada Canal	Jalore & Barmer	2017-18	2025-26	0.000	54.060	97.480
	84	Mod. of Gang Canal	Sriganganagar	2015-16	2025-26	<b>117.975</b>	175.990	353.400
	<b>Total</b>					<b>117.975</b>	<b>230.050</b>	<b>450.880</b>
Telangana	85	J. ChokhaRao LIS	Warangal, Nalgonda, Karimnagar, Medak	2016-17	2025-26	248.685	380.35	759.940
	86	SriKomaramBheem Project	Komaram, Bheem Ashifabad	2017-18	2025-26	9.915	19.1	39.660
	87	Gollavagu Project	Mancherial	2016-17	2025-26	3.845	7.186	20.400
	88	Rallivagu Project	Mancherial	2016-17	2025-26	0.918	1.47	5.570
	89	Mathadivagu Project	Adilabad	2016-17	2025-26	3.44	6.32	12.380
	90	Peddavagu @ Neelwai Project	Mancherial	2016-17	2025-26	5.26	6.67	18.450
	91	Palemvagu Project	Khammam	2016-17	2025-26	2.014	2.6	5.200
	92	Peddavagu @ Jagannathpur	Khammam, Bheem Ashifabad	2016-17	2025-26	6.073	12.2	52.550
	93	SRSP St.II	Warangal,Mahbubabad, Khammam, Suryapet, Jangaon	2016-17	2025-26	73.138	103.24	204.080
	94	Rajiv Bheema L.I. Scheme	Mahaboobnagar, Wanaparthy	2016-17	2025-26	82.153	114.81	245.270
	95	Indiramma Flood Flow Canal	Warangal	2016-17	2025-26	93.587	48.26	97.230
<b>Total</b>						<b>529.028</b>	<b>702.206</b>	<b>1460.730</b>

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**Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target Date of completion	(Rs. in Cr)		(Area Th. Ha)	
						CCA (Th. Ha)	Target CA (Rs. Cr)	Total Cost (Rs. Cr)	
1	2	3	4	5	6	7	8	9	
Uttar Pradesh	96	Arjunsahayak	Mahoba, Hamirpur	2017-18	2025-26	44.381	77.87	188.97	
	97	SaryuNahar (NP)	Bahraich, Basti, Gonda, Shravasti, Balrampur, Sidharth Nagar, Sant Kabir Nagar	2017-18	2025-26	480.000	837.058	1672.696	
	98	Bansagar				0	0	0	
	99	Madhya Ganga				0	0	0	
	<b>Total</b>					<b>524.381</b>	<b>914.928</b>	<b>1861.666</b>	
<b>Grand Total</b>						<b>4508.299</b>	<b>8235.694</b>	<b>18736.48</b>	

Source: CAD Wing, D/o Water Resources, RD & GR, M/o Jal Shakti

\* May change with revision of MoUs.

**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress						
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress
1	2	3	4	5	6	10	11	12	13	14	15	16
Andhra Pradesh	1	Gundalakamma	Praksam	2017-18	2025-26	0.000	0.000	3.640	0.000	0.000	3.640	8
	2	Tadipudi LIS	West Godavari	2017-18	2025-26	0.000	0.000	16.400	0.000	0.000	16.400	15
	3	Thotapally	Srikakulam	2017-18	2025-26	0.000	0.000	6.370	0.000	0.000	6.370	11
	4	Tarakaram Teertasagaram	Vijayanagaram	2017-18	2025-26	0.000	0.000	0.610	0.000	0.000	0.610	6
	5	Musurumilli	East Godavari	2017-18	2025-26	0.000	0.000	4.490	0.000	0.000	4.490	35
	6	Pushkara LIS	East Godavari	2017-18	2025-26	0.000	0.000	35.850	0.000	0.000	35.850	36
	7	Yerracalva	West Godavari	2018-19	2025-26	0.000	0.000	1.820	0.000	0.000	1.820	0
	8	Maddigedda	.....			0.000	0.000	0.000	0.000	0.000	0.000	0
		<b>Total</b>				<b>0.000</b>	<b>0.000</b>	<b>69.180</b>	<b>0.000</b>	<b>0.000</b>	<b>69.180</b>	<b>20</b>
Assam	9	Dhansiri	Udalguri	2014-15	2025-26	0.000	0.000	0.000	0.000		0.000	0
	10	Champamati	Kokrajhar, Chirang (BTC), Bongaigaon	2015-16	2022-23	0.000	0.000	3.550	0.000	4.000	7.550	55
	11	Borolia	Baksa, Kamrup	2018-19	2025-26	0.000	0.000	0.000	0.000		0.000	0
		<b>Total</b>				<b>0.000</b>	<b>0.000</b>	<b>3.550</b>	<b>0.000</b>	<b>4.000</b>	<b>7.550</b>	<b>8</b>
Bihar	12	Durgawati	Kuaimue, Rohtas	2015-16	2023-24	12.643	8.760	14.420	0.000		35.823	71
	13	Punpun	.....			0.000	0.000	0.000	0.000		0.000	0
		<b>Total</b>				<b>12.643</b>	<b>8.760</b>	<b>14.420</b>	<b>0.000</b>	<b>0.000</b>	<b>35.823</b>	<b>71</b>
Chhattisgarh	14	Maniyari Tank	Mungeli	2017-18	2025-26	0.000	0.000	4.980	0.000		4.980	22
	15	Kelo	Rajgarh, Janjgir Champa	2017-18	2025-26	0.000	11.780	0.000	0.000		11.780	29
	16	Kharung	Bilaspur	2017-18	2025-26	0.000	0.000	4.950	0.000		4.950	30
		<b>Total</b>				<b>0.000</b>	<b>11.780</b>	<b>9.930</b>	<b>0.000</b>	<b>0.000</b>	<b>21.710</b>	<b>27</b>
Goa	17	Tillari	Talukas, Bicholim, Bardez	2007-08	2023-24	0.000	0.000	0.000	0.000	3.840	3.840	20
		<b>Total</b>				<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>3.840</b>	<b>3.840</b>	<b>20</b>

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress								
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress		
1	2	3	4	5	6	10	11	12	13	14	15	16		
Gujarat	18	Sardar Sarovar Project	Vadodara, Bharuch, Narmada, Panchmahal, Chhotauddepur, Gandinagar,Ahmedabad, Mahesana, Patan,Banaskantha, Botad,Surendranagar, Morbi, Rajkot, Bhavnagar, Kutch (16)	2004-05	2023-24	681.639	690.476	347.040	0.000	1719.155	68			
		<b>Total</b>				<b>681.639</b>	<b>690.476</b>	<b>347.040</b>	<b>0.000</b>	<b>0.000</b>	<b>1719.155</b>	<b>68</b>		
Jammu & Kashmir	19	Tral Lift	Pulwama	2017-18	2021-22	0.000	0.000	0.640	0.000	1.350	1.990	66		
	20	Prakachik Khows Canal (Kargil)	Kargil	2017-18	2021-22	0.000	0.000	0.210	0.000		0.210	30		
	21	Restoration & Mod. of Main Ravi Canal	.....			0.000	0.000	0.000	0.000		0.000	0		
	22	Rajpora Lift	Pulwama.	2017-18	2021-22	0.000	0.000	0.850	0.000	0.520	1.370	90		
			<b>Total</b>			<b>0.000</b>	<b>0.000</b>	<b>1.700</b>	<b>0.000</b>	<b>1.870</b>	<b>3.570</b>	<b>68</b>		
Jharkhand	23	Subernarekha	East Singhbum, Saraikela, Kharsawan	2018-19	2025-26	0.000	0.000	0.000	0.000		0.000	0.000		
			<b>Total</b>			<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>		
Karnataka	24	Upper Tunga Irrigation Project	Haveri, Simoga,Davengere	2015-16	2022-23	21.040	0.000	0.000	0.000	7.560	28.600	51		
	25	Sri Rameswar Irrigation	Belgaum	2016-17	2021-22	10.380	2.500	3.870	0.000	1.090	17.840	79		
	26	Bhima LIS	Kalaburagi	2016-17	2021-22	0.000	12.740	5.090	1.940		19.770	84		
	27	Karanja	Bidar	2017-18	2022-23	0.000	0.000	4.530	1.850	2.690	9.070	81		
	28	NLBC	Bijapur, Gulbarga	2018-19	2025-26	0.000	0.000	0.000	0.000		0.000	0		
			<b>Total</b>			<b>31.420</b>	<b>15.240</b>	<b>13.490</b>	<b>3.790</b>	<b>11.340</b>	<b>75.280</b>	<b>43</b>		

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress						
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress
1	2	3	4	5	6	10	11	12	13	14	15	16
Kerala	29	Muvattupuzha	Idukki, Ernakulam, Kottayam	2015-16	2025-26	0.000	0.000	0.000	0.000	2.690	2.690	5.521
	30	Karapuzha	.....			0.000	0.000	0.000	0.000		0.000	0.000
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>2.690</b>	<b>2.690</b>	<b>5.521</b>
Madhya Pradesh	31	Sindh Project Phase II	Shivpuri, Gwalior, Datia & Bhind	2014-15	2023-24	17.190	43.310	14.290	0.000	18.240	93.030	51
	32	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	Khandwa, Khargone, Barwani	2015-16	2025-26	6.644	0.000	0.000	0.000		6.644	3
		Indira Sagar Project Canal Phase -III				0.000	0.000	0.000	0.000		0.000	0
	33	Mahi Project	Dhar	2015-16	2023-24	2.340	8.716	6.050	0.000	3.980	21.086	33
	34	Barriyarpur LBC	Chhatarpur	2011-12	2023-24	7.140	3.966	4.990	0.000		16.096	62
	35	Bansagar Unit 2	Rewa, Satna, Sidhi and Shahdol	2014-15	2025-26	22.350	15.965	18.240	0.000	11.870	68.425	31
	36	Mahan Project	Sidhi	2014-15	2023-24	2.140	6.379	3.090	0.000		11.609	43
	37	Pench Project	Chhindwara, Seoni	2014-15	2023-24	5.350	8.602	5.900	0.000	4.250	24.102	47
	38	Sagad Project	Vidisha	2014-15	2021-22	0.000	4.337	2.150	0.000	3.110	9.597	54
	39	Singhpur Project	Chhatarpur	2014-15	2021-22	2.060	2.204	0.660	0.000		4.924	47
	40	Sanjay sagar (Bah) Project	Vidisha	2014-15	2022-23	0.000	4.022	0.000	0.000	0.560	4.582	25
	41	Mahuar Project	Shivpuri	2014-15	2021-22	2.920	5.284	0.600	0.000	0.870	9.674	58
	42	Indira Sagar Project Canal Phase – IV (km. 206 to km. 243)	Khandwa, Khargone, Barwani			0.000	0.000	0.000	0.000		0.000	0
		Indira Sagar Project Canal Phase –V				0.000	0.000	0.000	0.000		0.000	0

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress						
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress
1	2	3	4	5	6	10	11	12	13	14	15	16
Madhya Pradesh	43	Omkareshwar Project Canal Phase-III (RBC km. 65.50 to km 142)	Khandwa,Khargone,Dhar	2015-16	2025-26	9.613	0.000	0.000	0.000	0.440	10.053	3
		Omkareshwar Project Canal Phase-II				0.000	0.000	0.000	0.000		0.000	0
		Omkareshwar Project Canal Phase-IV				0.000	0.000	0.000	0.000		0.000	0
	44	Bargi Diversion Project Phase – I (km. 16 to km 63)	Jabalpur	2017-18	2025-26	0.000	0.000	5.980	0.000		5.980	15
		Bargi Diversion Project Phase – II (km. 63 to km 104)	Jabalpur,Katani	2017-18	2025-26	0.000	0.000	8.960	0.000		8.960	15
		Bargi Diversion Project Phase - III				0.000	0.000	0.000	0.000		0.000	0
		Bargi Diversion Project Phase - IV				0.000	0.000	0.000	0.000		0.000	0
	<b>Total</b>					<b>77.746</b>	<b>102.785</b>	<b>70.910</b>	<b>0.000</b>	<b>43.320</b>	<b>294.762</b>	<b>23</b>
Maharashtra	45	Waghur	Jalgaon	2016-17	2021-22	0.000	1.570	0.000	0.000	9.070	10.640	27
	46	Bawanthadi (IS)	Bhandara	2016-17	2022-23	0.000	0.520	0.000	0.000		0.520	7
	47	Lower Dudhna	Parbhani, Jalana	2016-17	2025-26	0.000	8.100	0.000	0.000	6.200	14.300	20
	48	Tillari	Sinshudurg	2016-17	2023-24	0.000	1.810	0.000	0.000		1.810	14
	49	Lower Wardha	Wardha	2016-17	2025-26	15.174	0.000	5.460	0.000	9.550	30.184	31
	50	Lower Panzara	Dhule	2016-17	2022-23	0.000	2.150	3.970	0.000	2.520	8.640	55
	51	NandurMadhmeshwarPh-II	Sindhudurg	2009-10	2025-26	0.000	0.000	0.000	0.000		0.000	0
	52	Gosikhurd (NP)	Nagpur, Bhandara, Chandrapur	2017-18	2025-26	0.000	0.000	9.380	0.000		9.380	3

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress						
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress
1	2	3	4	5	6	10	11	12	13	14	15	16
Maharashtra	53	Upper Pen Ganga	Nanded, Hingoli, Yavatmal	2010-11	2025-26	0.000	3.001	0.000	0.000	2.100	5.101	15
	54	Bembla	Yavatmal	2017-18	2025-26	0.000	5.990	3.510	0.000	6.130	15.630	17
	55	Tarali	Satara	2017-18	2025-26	0.000	1.313	0.000	0.000	2.940	4.253	17
	56	Dhom Balkwadi	Pune and Satara	2010-11	2022-23	0.000	0.000	1.820	0.000		1.820	11
	57	Arjuna	Ratnagiri	2017-18	2023-24	0.000	0.807	0.000	0.000	0.400	1.207	11
	58	Upper Kundalika	Beed	2017-18	2022-23	0.000	0.520	0.000	0.000	0.570	1.090	19
	59	Aruna	Sindhudurg	2017-18	2025-26	0.000	0.000	0.000	0.000		0.000	0
	60	Krishna Koyana Lift	Sangli.	2017-18	2025-26	0.000	3.815	0.000	0.000	4.360	8.175	12
	61	Gadnadi	Ratnagiri	2017-18	2022-23	0.000	0.0300	0.000	0.000		0.030	0
	62	Dongargaon	.....			0.000	0.000	0.000	0.000		0.000	0
	63	Sangola Branch Canal	Solapur	2017-18	2023-24	0.000	0.550	1.370	0.000		1.920	14
	64	Khadakpurna	Buldhana	2017-18	2025-26	0.000	2.650	0.000	0.000	2.390	5.040	16
	65	Warna	.....			0	0	0.000	0.000		0.000	0
	66	Morna (Gureghar)	Satara	2017-18	2023-24	0.000	0.000	0.280	0.000		0.280	3
	67	Lower Pedhi	Amravati, Akola	2017-18	2025-26	0.000	0.000	0.000	0.000		0.000	0
	68	Wang project	.....			0.000	0.000	0.000	0.000		0.000	0
	69	Naradave(Mahamma dwadi)	.....			0.000	0.000	0.000	0.000		0.000	0
	70	Kudali	Satara	2017-18	2025-26	0.000	0.000	0.000	0.000		0.000	0
<b>Total</b>						<b>15.174</b>	<b>32.826</b>	<b>25.790</b>	<b>0.000</b>	<b>46.230</b>	<b>120.020</b>	<b>12</b>
Manipur	71	Thoubal	Imphal, Senapati, Thoubal,Ukrul	2014-15	2023-24	0.000	0.000	0.000	0.000		0.000	0
	72	Dolaithabi Barrage	Imphal, Senapati,	2014-15	2023-24	0.000	0.000	0.000	0.000		0.000	0
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0</b>
Odisha	73	Lower Indra (KBK)	Noapada	2015-16	2023-24	24.370	0.000	0.000	0.000	12.990	37.360	72
	74	Upper Indravati (KBK)	Kalahandi	2015-16	2020-21	8.495	30.828	0.000	0.000		39.323	89

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress							
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress	
1	2	3	4	5	6	10	11	12	13	14	15	16	
Odisha	75	Rukura-Tribal	Kalahandi	2016-17	2020-21	2.410	0.802	0.000	0.000	3.110	6.323	62	
	76	Subernarekha	Sundargarh	2016-17	2023-24	0.000	16.283	0.000	0.000		16.283	13	
	77	Anandpur Barr. Ph.-I /Integrated Anandpur Barr.	Keonjhar, Bhadrak	2016-17	2025-26	0.000	1.820	0.000	0.000	1.170	2.990	3	
	78	RET irrigation	Kalahandi	2016-17	2020-21	0.000	4.105	0.000	0.000	9.110	13.215	80	
	79	Kanupur	Kaeonjhar	2016-17	2025-26	0.000	1.8915	3.650	0.000		5.542	10	
	80	Telengiri	Koraput	2016-17	2023-24	0.000	2.8382	0.000	0.000	8.090	10.928	65	
	<b>Total</b>					<b>35.276</b>	<b>58.568</b>	<b>3.650</b>	<b>0.000</b>	<b>34.470</b>	<b>131.964</b>	<b>31</b>	
Punjab	81	Kandi Canal Extension (Ph.II)	.....			0.000	0.000	0.000	0.000		0.000	0.000	
	82	Rehabilitation of 1st Patiala Feeder and Kotla Branch Project	Bhathinda, Mansa, Sangrur and Barnala	2019-20	2025-26	0.000	0.000	0.000	0.000	18.080	18.080	0.000	
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>18.080</b>	<b>18.080</b>	<b>0.000</b>	
Rajasthan	83	Narmada Canal	Jalore & Barmer	2017-18	2025-26	0.000	0.000	0.000	0.000	7.020	7.020	13	
	84	Mod. of Gang Canal	Sriganganagar	2015-16	2025-26	0.000	2.479	7.430	10.220	24.240	44.369	25	
	<b>Total</b>					<b>0.000</b>	<b>2.479</b>	<b>7.430</b>	<b>10.220</b>	<b>31.260</b>	<b>51.389</b>	<b>22</b>	
Telangana	85	J. ChokhaRao LIS	Warangal, Nalgonda, Karimnagar, Medak	2016-17	2025-26	0	10.22	0	0.000		10.220	3	
	86	SriKomaramBheem project	Komaram, Bheem Ashifabad	2017-18	2025-26	0	0	5.89	0.000		5.890	31	
	87	Gollavagu Project	Mancherial	2016-17	2025-26	0	0	1.03	0.000		1.030	14	
	88	Rallivagu project	Mancherial	2016-17	2025-26	0	0	0.280	0.000		0.280	19	
	89	Mathadivagu Project	Adilabad	2016-17	2025-26	0	0	1.800	0.000		1.800	28	
	90	Peddavagu @ Neelwai Project	Mancherial	2016-17	2025-26	0	0	1.99	0.000		1.990	30	
	91	Palemvagu Project	Khammam	2016-17	2025-26	0	0	0.51	0.000		0.510	20	

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**Table 2.4 (b): State- wise status (Financial and Physical Progress) of Proposal on CAD&WM Component for 99 Prioritized Projects as on 01.04.2021**

(Rs. in Cr) (Area Th. Ha)

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Financial Progress							
						CA Released 2016-17	CA Released 2017-18	CA Released 2018-19	CA Released 2019-20	CA Released 2020-21	Total CA Released	% Financial Progress	
1	2	3	4	5	6	10	11	12	13	14	15	16	
Telangana	92	Peddavagu @ Jagannathpur	Khammam, Bheem Ashifabad	2016-17	2025-26	0	0	0	0.000		0.000	0	
	93	SRSP St.II	Warangal,Mahbubabad, Khammam, Suryapet,Jangaon	2016-17	2025-26	0	0	11.56	0.000		11.560	11	
	94	Rajiv Bheema L.I. Scheme	Mahaboobnagar, Wanaparthy	2016-17	2025-26	0	0	0	0.000		0.000	0	
	95	Indiramma Flood Flow Canal	Warangal	2016-17	2025-26	0	0	3.06	0.000		3.060	6	
	<b>Total</b>					<b>0.000</b>	<b>10.220</b>	<b>26.120</b>	<b>0.000</b>	<b>0.000</b>	<b>36.340</b>	<b>5</b>	
Uttar Pradesh	96	Arjunsahayak	Mahoba, Hamirpur	2017-18	2025-26	0	0	0	0.000	6.000	6.000	8	
	97	Saryu Nahar (NP)	Baharaich, Basti, Gonda, Shravasti, Balrampur,Sidharth Nagar, Sant Kabir Nagar	2017-18	2025-26	0	0	0	150.000		150.000	18	
	98	Bansagar				0	0	0	0.000		0.000	0	
	99	Madhya Ganga				0	0	0	0.000		0.000	0	
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>150.000</b>	<b>6.000</b>	<b>156.000</b>	<b>17</b>	
<b>Grand Total</b>						<b>853.898</b>	<b>933.134</b>	<b>593.210</b>	<b>164.010</b>	<b>203.100</b>	<b>2747.352</b>	<b>33</b>	

Source: CAD Wing, D/o Water Resources, RD &amp; GR, M/o Jal Shakti

\* May change with revision of MoUs.

Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
Andhra Pradesh	1	Gundalakamma	Praksam	2017-18	2025-26	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0	
	2	Tadipudi LIS	West Godavari	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	3	Thotapally	Srikakulam	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	4	Tarakaram Teertasagaram	Vijayanagaram	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	5	Musurumilli	East Godavari	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	6	Pushkara LIS	East Godavari	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	7	Yerracalva	West Godavari	2018-19	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	8	Maddigedda	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
<b>Total</b>						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0</b>	
Assam	9	Dhansiri	Udalguri	2014-15	2025-26	0.000	0.000	9.900	6.910	0.000	16.810	49		
	10	Champamati	Kokrajhar, Chirang (BTC), Bongaigaon	2015-16	2022-23	0.000	0.000	2.020	1.060	3.510	6.590	100		
	11	Borolia	Baksa, Kamrup	2018-19	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>11.920</b>	<b>7.970</b>	<b>3.510</b>	<b>23.400</b>	<b>47</b>		
Bihar	12	Durgawati	Kuaimue, Rohtas	2015-16	2023-24	2.245	5.492	4.000	2.470	3.043	17.250	57		
	13	Punpun	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
	<b>Total</b>					<b>2.245</b>	<b>5.492</b>	<b>4.000</b>	<b>2.470</b>	<b>3.043</b>	<b>17.250</b>	<b>57</b>		
Chhattisgarh	14	Maniyari Tank	Mungeli	2017-18	2025-26	0	0.000	0.000	0.000	0.000	0.000	0.000	0	
	15	Kelo	Rajgarh, Janjgir Champa	2017-18	2025-26	0	0.000	0.000	0.000	0.000	0.000	0.000	0	
	16	Kharung	Bilaspur	2017-18	2025-26	0	0.000	0.000	0.000	0.000	0.000	0.000	0	
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0</b>	
Goa	17	Tillari	Talukas, Bicholim, Bardez	2007-08	2023-24	0.010	0.010	0.750	0.080	0.200	1.050	8.9		
	<b>Total</b>					<b>0.010</b>	<b>0.010</b>	<b>0.750</b>	<b>0.080</b>	<b>0.200</b>	<b>1.050</b>	<b>8.9</b>		

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
Gujarat	18	Sardar Sarovar Project	Vadodara, Bharuch, Narmada, Panchmahal, Chhotauddepur, Gandinagar,Ahmedabad, Mahesana, Patan,Banaskantha, Botad,Surendranagar, Morbi, Rajkot, Bhavnagar, Kutch (16)	2004-05	2023-24	385.282	290.000	260.170	1.593	1.565	938.610	69		
		<b>Total</b>				<b>385.282</b>	<b>290.000</b>	<b>260.170</b>	<b>1.593</b>	<b>1.565</b>	938.610	<b>69</b>		
Jammu & Kashmir	19	Tral Lift	Pulwama	2017-18	2021-22	0.000	0.000	0.440	0.270	0.900	0.900	64		
	20	Prakachik Khows Canal (Kargil)	Kargil	2017-18	2021-22	0.000	0.000	0.230	0.000	0.000	0.230	50		
	21	Restoration & Mod. of Main Ravi Canal	.....			0.000	0.000	0.000		0.000	0.000	0		
	22	Rajpora Lift	Pulwama.	2017-18	2021-22	0.000	0.000	0.300	0.263	0.000	0.563	96		
			<b>Total</b>			<b>0.000</b>	<b>0.000</b>	<b>0.970</b>	<b>0.533</b>	<b>0.900</b>	2.403	<b>98</b>		
Jharkhand	23	Subernarekha	East Singhbhum, Saraikela, Kharsawan	2018-19	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
			<b>Total</b>			<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	0.000	<b>0</b>		
Karnataka	24	Upper Tunga Irrigation Project	Haveri, Simoga,Davengere	2015-16	2022-23	2.828	4.287	2.150	1.690	0.055	11.010	43		
	25	Sri Rameswar Irrigation	Belgaum	2016-17	2021-22	4.850	1.294	2.720	0.000	0.000	8.864	78		
	26	Bhima LIS	Kalaburagi	2016-17	2021-22	3.397	5.373	2.750	0.050	0.050	11.620	90		
	27	Karanja	Bidar	2017-18	2022-23	0.000	0.000	1.300	2.050	0.000	3.350	60		
	28	NLBC	Bijapur, Gulbarga	2018-19	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
			<b>Total</b>			<b>11.075</b>	<b>10.954</b>	<b>8.920</b>	<b>3.790</b>	<b>0.105</b>	<b>34.739</b>	<b>41</b>		

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress						
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress
1	2	3	4	5	6	17	18	19	20	21	22	23
Kerala	29	Muvattupuzha	Idukki, Ernakulam, Kottayam	2015-16	2025-26	0.000	0.000	0.000	0.300	0.300	0.600	3.247
	30	Karapuzha	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.300</b>	<b>0.300</b>	0.600	<b>3.247</b>
Madhya Pradesh	31	Sindh Project Phase II	Shivpuri, Gwalior, Datia & Bhind	2014-15	2023-24	28.301	29.270	9.182	1.300	1.527	69.580	77
	32	Indira Sagar Project Canal Phase - I & II (km. 0 to km. 142)	Khandwa, Khargone, Barwani	2015-16	2025-26	0.310	2.480	1.590	0.000	2.310	6.690	8
		Indira Sagar Project Canal Phase -III				0.000		0.000		0.000	0.000	0
	33	Mahi Project	Dhar	2015-16	2023-24	1.060	6.310	4.700	2.830	0.420	15.320	54
	34	Barriyarpur LBC	Chhatarpur	2011-12	2023-24	4.990	3.390	0.600	1.600	0.060	10.640	56
	35	Bansagar Unit 2	Rewa, Satna, Sidhi and Shahdol	2014-15	2025-26	19.361	15.170	10.960	5.630	1.319	52.440	54
	36	Mahan Project	Sidhi	2014-15	2023-24	2.232	5.030	0.000	1.360	0.000	8.622	60
	37	Pench Project	Chhindwara, Seoni	2014-15	2023-24	5.828	5.190	3.194	4.450	0.308	18.970	68
	38	Sagad Project	Vidisha	2014-15	2021-22	1.163	2.700	4.600	0.230	0.000	8.693	92
	39	Singhpur Project	Chhatarpur	2014-15	2021-22	1.888	3.230	0.000	0.000	0.002	5.120	100
	40	Sanjay sagar (Bah) Project	Vidisha	2014-15	2022-23	1.038	1.360	4.470	0.000	0.392	7.260	75
	41	Mahuar Project	Shivpuri	2014-15	2021-22	5.964	2.450	0.000	0.000	0.000	8.414	92
	42	Indira Sagar Project Canal Phase – IV (km. 206 to km. 243)	Khandwa, Khargone, Barwani			0.000	0	0	0	6.69	6.690	0
		Indira Sagar Project Canal Phase –V				0.000	0	0	0	0	0.000	0

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
Madhya Pradesh	43	Omkareshwar Project Canal Phase-III (RBC km. 65.50 to km 142)	Khandwa,Khangone,Dhar	2015-16	2025-26	2.800	8.480	7.640	0.000	11.070	29.990	21		
		Omkareshwar Project Canal Phase-II				0.000	0.000	0.000	0.000	0.000	0.000	0		
		Omkareshwar Project Canal Phase-IV				0.000	0.000	0.000	0.000	0.000	0.000	0		
	44	Bargi Diversion Project Phase - I(km. 16 to km 63)	Jabalpur	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
		Bargi Diversion Project Phase - II(km. 63 to km 104)	Jabalpur,Katani	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
		Bargi Diversion Project Phase - III				0.000	0.000	0.000	0.000	0.000	0.000	0		
		Bargi Diversion Project Phase - IV				0.000	0.000	0.000	0.000	0.000	0.000	0		
	<b>Total</b>					<b>74.935</b>	<b>85.060</b>	<b>46.936</b>	<b>17.400</b>	<b>24.098</b>	248.429	<b>42</b>		
Maharashtra	45	Waghur	Jalgaon	2016-17	2021-22	0.000	0.423	5.830	3.600	1.117	10.970	61		
	46	Bawanthadi (IS)	Bhandara	2016-17	2022-23	0.000	0.800	0.900	0.110	0.000	1.810	72		
	47	Lower Dudhna	Parbhani, Jalana	2016-17	2025-26	0.000	0.000	6.130	2.140	6.000	14.270	48		
	48	Tillari	Sinshudurg	2016-17	2023-24	0.000	0.000	0.000	0.120	0.500	0.620	9		
	49	Lower Wardha	Wardha	2016-17	2025-26	7.633	9.155	6.600	2.150	3.452	28.990	47		
	50	Lower Panzara	Dhule	2016-17	2022-23	0.000	0.000	2.911	2.300	1.049	6.260	92		
	51	Nandur Madhmeshwar Ph-II	Sindhudurg	2009-10	2025-26	0.000	0.790	0.400	0.000	0.770	1.960	8		
	52	Gosikhurd (NP)	Nagpur, Bhandara, Chandrapur	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
Maharashtra	53	Upper Pen Ganga	Nanded, Hingoli, Yavatmal	2010-11	2025-26	0.000	1.093	5.830	0.630	0.000	7.553	44		
	54	Bembla	Yavatmal	2017-18	2025-26	0.000	2.306	3.820	1.390	3.624	11.140	37		
	55	Tarali	Satara	2017-18	2025-26	0.000	0.000	0.000	2.550	3.030	5.580	43		
	56	Dhom Balkwadi	Pune and Satara	2010-11	2022-23	0.000	0.000	1.560	0.140	0.000	1.700	42		
	57	Arjuna	Ratnagiri	2017-18	2023-24	0.000	0.000	0.000	0.000	1.030	1.030	18		
	58	Upper Kundalika	Beed	2017-18	2022-23	0.000	0.000	2.300	0.500	0.000	2.800	100		
	59	Aruna	Sindhudurg	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
	60	Krishna Koyana Lift	Sangli	2017-18	2025-26	0.000	0.000	1.625	1.390	2.775	5.790	11		
	61	Gadnadi	Ratnagiri	2017-18	2022-23	0.000	0.0000	0.0000	0.0000	0.0400	0.040	1		
	62	Dongargaon	.....			0.000	0.000	0.000	0.000	0.000	0.000	0		
	63	Sangola Branch Canal	Solapur	2017-18	2023-24	0.000	0.000	0.150	0.000	0.000	0.150	2		
	64	Khadakpurna	Buldhana	2017-18	2025-26	0.000	1.990	1.230	2.630	0.840	6.690	43		
	65	Warna	.....			0	0	0	0	0	0.000	0		
	66	Morna (Gureghar)	Satara	2017-18	2023-24	0	0.000	1.520	0.000	0.000	1.520	36		
	67	Lower Pedhi	Amravati, Akola	2017-18	2025-26	0	0.000	0.000	0.000	0.000	0.000	0		
	68	Wang project	.....			0	0.000	0.000	0.000	0.000	0.000	0		
	69	Naradave(Mahamma dwadi)	.....			0	0.000	0.000	0.000	0.000	0.000	0		
	70	Kudali	Satara	2017-18	2025-26	0	0.000	0.000	0.000	0.000	0.000	0		
<b>Total</b>						<b>7.633</b>	<b>16.557</b>	<b>40.806</b>	<b>19.650</b>	<b>24.227</b>	<b>108.873</b>	<b>22</b>		
Manipur	71	Thoubal	Imphal, Senapati, Thoubal, Utkul	2014-15	2023-24	0.000	0.000	3.720	0.000	2.590	6.310	64		
	72	Dolaithabi Barrage	Imphal, Senapati,	2014-15	2023-24	0.000	0.000	1.310	0.000	1.050	2.360	73		
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>5.030</b>	<b>0.000</b>	<b>3.640</b>	<b>8.670</b>	<b>66</b>		
Odisha	73	Lower Indra (KBK)	Noapada	2015-16	2023-24	0.000	0.000	10.020	4.000	3.380	17.400	58		
	74	Upper Indravati (KBK)	Kalahandi	2015-16	2020-21	7.993	14.450	0.000	0.000	1.387	23.830	100		

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
Odisha	75	Rukura-Tribal	Kalahandi	2016-17	2020-21	1.377	2.880	1.320	0.070	0.000	5.647	98		
	76	Subernarekha	Sundargarh	2016-17	2023-24	1.100	1.660	0.500	0.000	1.370	4.630	7		
	77	Anandpur Barr. Ph.-I /Integrated Anandpur Barr.	Keonjhar, Bhadrak	2016-17	2025-26	0.000	1.450	0.300	0.400	0.000	2.150	4		
	78	RET irrigation	Kalahandi	2016-17	2020-21	0.000	3.963	6.080	0.000	0.000	10.043	118		
	79	Kanupur	Kaeonjhar	2016-17	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0		
	80	Telengiri	Koraput	2016-17	2023-24	0.000	0.000	0.860	5.140	1.890	7.890	79		
	<b>Total</b>					<b>10.470</b>	<b>24.403</b>	<b>19.080</b>	<b>9.610</b>	<b>8.027</b>	<b>71.590</b>	<b>30</b>		
Punjab	81	Kandi Canal Extension (Ph.II)	.....			0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	82	Rehabilitation of 1st Patiala Feeder and Kotla Branch Project	Bhathinda, Mansa, Sangrur and Barnala	2019-20	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>		
Rajasthan	83	Narmada Canal	Jalore & Barmer	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0
	84	Mod. of Gang Canal	Sriganganagar	2015-16	2025-26	6.863	7.224	7.078	0.460	9.105	30.730	26		
	<b>Total</b>					<b>6.863</b>	<b>7.224</b>	<b>7.078</b>	<b>0.460</b>	<b>9.105</b>	<b>30.730</b>	<b>26</b>		
Telangana	85	J. ChokhaRao LIS	Warangal, Nalgonda, Karimnagar, Medak	2016-17	2025-26	0	0	0	10.68	0	10.680	4		
	86	SriKomaram Bheem project	Komaram, Bheem Ashifabad	2017-18	2025-26	0	0	0		0	0.000	0		
	87	Gollavagu Project	Mancherial	2016-17	2025-26	0	0	0		0	0.000	0		
	88	Rallivagu Project	Mancherial	2016-17	2025-26	0	0	0		0	0.000	0		
	89	Mathadivagu Project	Adilabad	2016-17	2025-26	0	0	0		0	0.000	0		
	90	Peddavagu @ Neelwai Project	Mancherial	2016-17	2025-26	0	0	0		0	0.000	0		
	91	Palemvagu Project	Khammam	2016-17	2025-26	0	0	0		0	0.000	0		

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Table 2.4 (b): State-wise Status (Financial and Physical Progress) of Proposal on CAD&amp;WM Component for 99 Prioritized Projects as on 01.04.2021

State	Sl. No.	Project Name	Districts Benefitted	Year of Inclusion	Target date of Completion	Physical Progress							(Rs. in Cr)	(Area Th. Ha)
						CCA Progress 2016-17	CCA Progress 2017-18	CCA Progress 2018-19	CCA Progress 2019-20	CCA Progress 2020-21	Total CCA Progress	% Physical Progress		
1	2	3	4	5	6	17	18	19	20	21	22	23		
	92	Peddavagu @ Jagannathpur	Khammam, Bheem Ashifabad	2016-17	2025-26	0	0	0		0	0.000	0		
	93	SRSP St.II	Warangal,Mahbubabad, Khammam, Suryapet,Jangaon	2016-17	2025-26	0	0	0		0	0.000	0		
	94	Rajiv Bheema L.I. Scheme	Mahaboobnagar, Wanaparthy	2016-17	2025-26	0	0	0		0	0.000	0		
	95	Indiramma Flood Flow Canal	Warangal	2016-17	2025-26	0	0	0		0	0.000	0		
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>10.680</b>	<b>0.000</b>	<b>10.680</b>	<b>2</b>		
Uttar Pradesh	96	Arjunsahayak	Mahoba, Hamirpur	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	97	SaryuNahar (NP)	Bahraich, Basti, Gonda, Shravasti, Balrampur,Sidharth Nagar, Sant Kabir Nagar	2017-18	2025-26	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	98	Bansagar				0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	99	Madhya Ganga				0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	<b>Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>		
<b>Grand Total</b>						<b>498.513</b>	<b>439.700</b>	<b>405.660</b>	<b>74.536</b>	<b>78.010</b>	<b>1496.314</b>	<b>33</b>		

Source: CAD Wing, D/o Water Resources, RD &amp; GR, M/o Jal Shakti

\* May change with revision of MoUs.

Table 2.5: Plan-wise Financial Expenditure on Minor Irrigation-Institutional

(Rs. Cr)

Sl. No	States/UTs	XII <sup>th</sup> Plan					Year			
		(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21) up to 31.12.2020
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	16.64	31.61	21.99	46.16	47.78	34.94414	37.02	35.9	14
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0
3	Assam	0.01	0.93	0.16	0.04	0	0	0	0	0
4	Bihar	46.57	17.89	25.55	43.44	34.99	80.83825	0.09	1.22	57.97
5	Chhattisgarh	14.82	2.69	21.1	7.39	1.96	7.5939	2.59	0.69	0.54
6	Goa	0	0.02	0	0.07	0.00	0	0	0	0
7	Gujarat	82.44	109.1	110.53	189.73	136.44	90.69433	91.59	51.6	18.45
8	Haryana	67.37	26.95	49.21	72.52	57.33	71.4292	19.71	0.01	0
9	Himachal Pradesh	0	4.03	6.01	0	0.00	0	10.81	7.5	5.15
10	Jammu& Kashmir	0.01	0	0.01	0	0.00	0	0	0	0
11	Jharkhand	1.9	0	0.32	1.06	1.67	0	0.02	0.01	0
12	Karnataka	85.62	62.8	297.93	12.08	5.03	339.0335	256.34	242.57	83.13
13	Kerala	118.79	6.31	63.78	143.21	76.03	74.1846	45.23	141.83	87.27
14	Madhya Pradesh	13.85	11.7	19.8	82.84	11.18	6.08393	18.54	0.06	8.98
15	Maharashtra	206.48	118.35	183.96	262.72	317.75	486.3259	302.27	242.78	135.54
16	Manipur	0	0	0	0	0.00	0	0	0	0
17	Meghalaya	0	0	0	0	0.00	0	0	0	0
18	Mizoram	0	0	0	0	0.00	0	0	0	0
19	Nagaland	0	0	0	0	0.00	0	0	0	0
20	Odisha	8.39	0.05	5.61	9.33	2.41	0.0119	0.03	0.04	0
21	Punjab	31.94	25.91	59.29	74.57	62.63	22.44657	21.78	9.79	0.05
22	Rajasthan	10.21	66.84	95.16	81.64	20.94	74.53712	9.67	10.71	6.99
23	Sikkim	0	0	0	0	0.00	0	0	0	0
24	Tamil Nadu	32.45	25.3	148.51	109.47	168.81	188.5837	180.03	54.35	31.85
25	Tripura	0	0	0	0	0.00	0	0	0	0
26	Uttarakhand	0	0	0	0	0.03	0	0.01	0	0
27	Uttar Pradesh	0.44	6.07	38.24	21.65	199.90	14.32296	28.08	1.03	0
28	West Bengal	0.33	1.32	0.01	5.1	0.04	0.03711	0.03	0	0
29	Telangana	Included in Andhra Pradesh					21.65985	11.49	53.1	1.87
	Total States	738.26	517.87	1147.17	1163.02	1144.916	1512.73	1035.33	853.19	451.79
30	A & N Islands	0	0	0	0	0.00	0	0	0	0
31	Chandigarh	0	0	0	0	0.00	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	0	0.00	0	0	0	0
33	Daman & Diu	0	Included in Goa				0	0	0	0
34	Delhi	0	0	0	0	0.00	0	0.07	0.22	0
35	Puducherry	0.99	0	0	0.08	0.01	0	0.08	0.31	0
36	Lakshadweep	0	0	0	0	0.00	0	0	0	0
	Total UTs	0	0	0	0.08	0.01	0	0.15	0.53	0
	Grand Total	739.25	517.87	1147.17	1163.1	1144.92	1512.73	1035.48	853.71	451.81

Source: NABARD, Minor Irrigation Wing, D/o Water Resources, RD &amp;GR, M/o Jal Shakti

Note: Totals may not tally due to rounding off.

**Table 2.6: Fund Released to States for the Water Bodies included during XII Plan & onwards under RRR of Water Bodies Scheme as on 31.03.2021**

(Rs. in Cr)														
Sl. No.	Name of States	No. of Water Bodies Included	Estimated Cost	Committed Central Share (CA)	Potential Planned (Ha)	Targeted Storage Revival (MCM)	Cummulative CA Released during XII Plan Till 03/19	CA Released during 2019-20	CA Released during 2020-21	Cumulative CA Released during XII Plan & onwards till 03/2021	Cumulative Expenditure till 03/2021	No. of Completed Water Bodies till 03/2021	Potential Resotted (Ha)	Storage Revived (MCM)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Andhra Pradesh	100	66.77	40.06	5612	40.98	2.70			2.70				
2	Bihar	93	161.91	89.46	26090	333.79	6.255	11.82		18.075	21.70	6		
3	Gujarat	61	102.91	61.74	11364	0.10	8.813			8.813	8.05	3	140	
4	Madhya Pradesh	125	183.24	93.01	33305	438.35	37.70			37.70	152.14	124	25000	438.35
5	Manipur	4	65.44	58.90	1197	6.28	10.37	24.26		34.63	24.35			2.25
6	Meghalaya	9	11.43	10.29	1096	0.47	5.183			5.183	8.99	8	876	0.44
7	Odisha	863	449.02	267.94	51262	58.08	110.64		34.54	145.18	337.38	810	47964	20.57
8	Rajasthan	68	187.82	86.74	13197	12.64	50.228	11.96		62.18	127.45	66	10192	11.52
9	Tamil Nadu	251	131.24	78.59	6458	5.92	16.25	16.75	1.252	34.25	73.27	153	3185	2.78
10	Telangana	575	459.18	272.02	29011	56.22	104.559			104.559	163.07	371	14700	32.24
11	Uttar Pradesh	74	83.41	52.99	10003	42.24	16.409			16.409	44.41	8	2354	4.29
12	Uttarakhand	5	12.49	11.24	450	2.27					1.58		450	
<b>Total</b>		<b>2228</b>	<b>1914.86</b>	<b>1122.98</b>	<b>189045</b>	<b>997.34</b>	<b>369.11</b>	<b>64.79</b>	<b>35.79</b>	<b>469.68</b>	<b>962.39</b>	<b>1549</b>	<b>104861</b>	<b>512.44</b>

Source: Economic Directorate, CWC, M/o Jal Shakti

**Table 2.7: States/UTs-wise Water Rates for Flow Irrigation**

Sl. No.	States/UTs	For Irrigation Purposes Flow Irrigation		Status as on
		Rate (Rs. /Ha)	Rate (Rs. /Ha)	
1	2	3	4	5
1	Andhra Pradesh	148.20 to 1235.00	01-07-1996	24-11-2011
2	Arunachal Pradesh	No water rates	-	22-03-2013
3	Assam	150.00 to 751.00	30-03-2000	12-03-2014
4	Bihar	74.10 to 370.50	17-11-95/26-11-01 *	08-02-2010
5	Chhattisgarh	123.50 to 741.00	15-06-1999	22-10-2014
6	Delhi	34.03 to 1067.04	N.A.	14-01-2009
7	Goa	60.00 to 300.00	01-02-1988	09-03-2010
8	Gujarat	160.00 to 300.00	01-01-2007	18-11-2011
9	Haryana	24.70 to 197.60	27-07-2000	04-04-2013
10	Himachal Pradesh	28.17	01-04-2009	03-02-2010
11	Jammu & Kashmir	93.90 to 2999.92	01-04-2015	14-02-2014
12	Jharkhand	74.10 to 370.50	26-11-2001 & 14.11.1995	13-01-2009
13	Karnataka	37.05 to 988.45	13-07-2000	20-05-2013
14	Kerala	37.00 to 99.00	18-09-1974	06-02-2009
15	Madhya Pradesh	50.00 to 960.00	01-11-2005	12-04-2013
16	Maharashtra	238.00 to 6297.00	01-07-2003	02-04-2009
17	Manipur	45.00 to 150.00	August, 2003	27-12-2008
18	Meghalaya	No water rates	-	13-02-2014
19	Mizoram	No water rates	-	03-05-2013
20	Nagaland	No water rates	-	29-11-2011
21	Odisha	28.00 to 930.00	05-04-2002	05-01-2010
22	Punjab	123.50	12-11-2014	05-03-2015
23	Rajasthan	29.64 to 607.62	24-05-1999	18-02-2014
24	Sikkim	10.00 to 250.00	2002	25-03-2015
25	Tamil Nadu	2.77 to 61.78	06-11-1987	04-03-2002
26	Tripura	312.50	01-10-2003	01-04-2009
27	Uttarakhand	35.00 to 474.00	18-09-1995	18-12-2006
28	Uttar Pradesh	30.00 to 474.00	18-09-1995	05-03-2013
29	West Bengal	37.06 to 123.50	06-04-1977	03-02-2010
30	A&N Islands	No water rates	-	01-01-2009
31	Chandigarh	No water rates	-	01-02-2010
32	Dadra & Nagar Haveli	110.00 to 830.00	29-01-1996	31-08-2005
33	Daman & Diu	200.00	1980	28-08-2008
34	Lakshadweep	No water rates	-	12-06-2008
35	Puducherry	No water rates	01-01-2005	12-12-2008

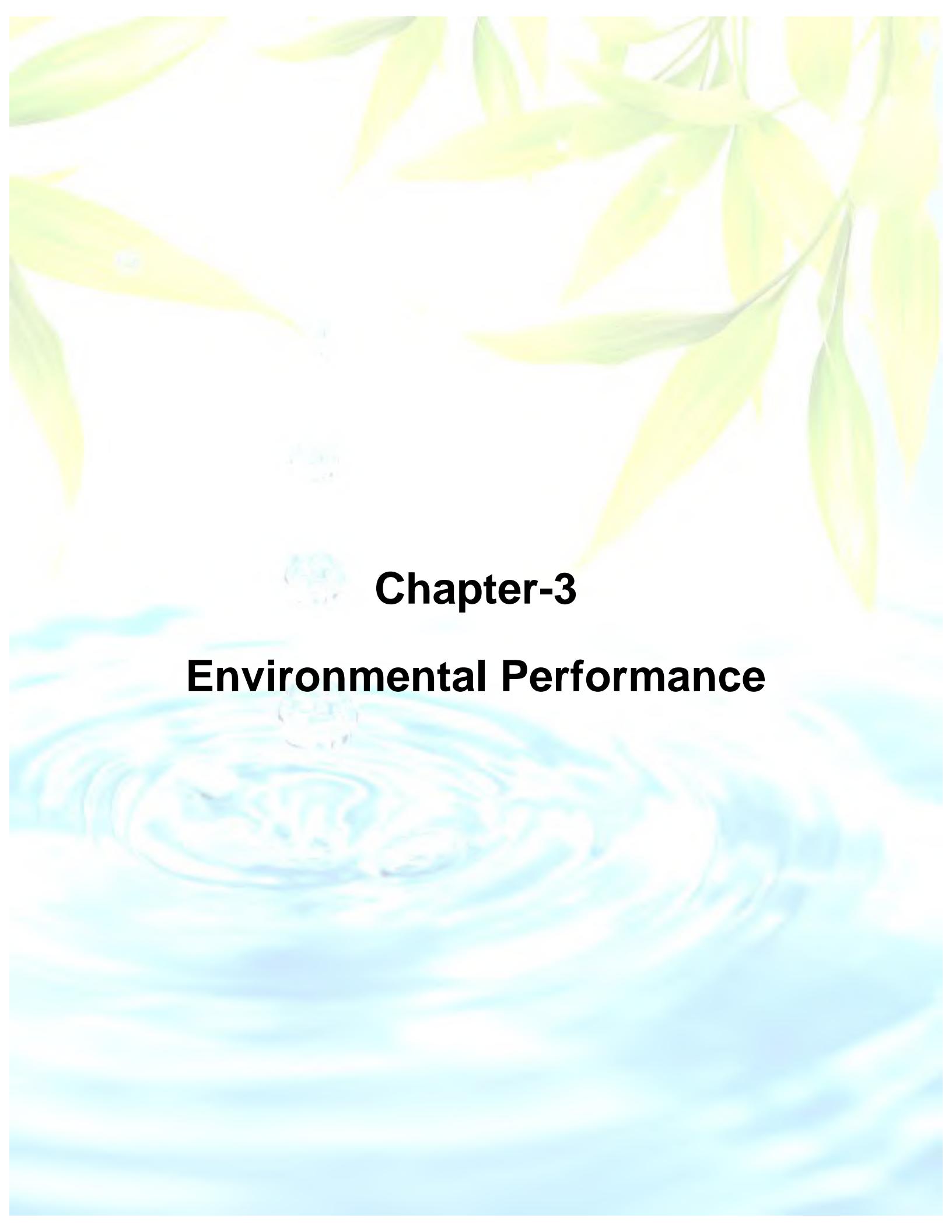
Source: Hydrological Data Directorate, ISO, Central Water Commission, M/o Jal Shakti

\*: For Wheat crops

**Table 2.8: States/UTs-wise Water Rates for Lift Irrigation**

Sl. No.	States/UTs	For Irrigation Purposes Lift Irrigation		Status as on
		Rate (Rs. /Ha)	Rate (Rs. /Ha)	
1	2	3	4	5
1	Andhra Pradesh	148.20 to 1235.00	07-01-1996	24-11-2011
2	Arunachal Pradesh	No water rates specified for irrigation	-	23-02-2013
3	Assam	150.00 to 751.00	30-03-2000	12-03-2014
4	Bihar	333.45 to 1970.75	06-05-1998	08-02-2010
5	Chhattisgarh	123.50 to 741.00	15.06.1999	05-02-2010
6	Delhi	33.35 to 1067.04	N.A.	14-01-2009
7	Goa	120.00 to 600.00	01-02-1988	09-03-2010
8	Gujarat	53.33 to 100.00	01-01-2007	18-11-2011
9	Haryana	12.35 to 98.80	27-07-2000	04-04-2013
10	Himachal Pradesh	56.34	01-04-2009	03-02-2010
11	Jammu & Kashmir	93.90 to 2999.92	01-04-2015	14-02-2014
12	Jharkhand	No separate rate for lift irrigation	-	13-01-2009
13	Karnataka	74.00 to 1976.60	13-07-200	20-05-2013
14	Kerala	17.00 to 148.50	18-09-1974	09-03-2010
15	Madhya Pradesh	50.00 to 960.00	01-11-2005	12-04-2013
16	Maharashtra	297.00 to 5405.00	01-07-2003	13-04-2010
17	Manipur	45.00 to 150.00	01-08-2003	27-12-2008
18	Meghalaya	No water rates	-	13-02-2014
19	Mizoram	No water rates	-	03-05-2013
20	Nagaland	No water rates	-	29-11-2011
21	Odisha	No separate rate for lift irrigation	05-04-2000	30-03-2010
22	Punjab	123.50	12-11-2014	05-03-2015
23	Rajasthan	14.80 to 1215.24	24-05-1999	18-02-2014
24	Sikkim	No separate rate for lift irrigation	-	19-01-2010
25	Tamil Nadu	No separate rate for lift irrigation	-	02-01-2009
26	Tripura	312.50	01-10-2003	01-04-2009
27	Uttaranchal	15.00 to 237.00	18-09-1995	06-01-2009
28	Uttar Pradesh	15.00 to 237.00	18-09-1995	05-03-2013
29	West Bengal	251.94 to 2015.52	01-07-2003	03-02-2010
30	A&N Islands	No water rates	-	13-01-2009
31	Chandigarh	23.00 per hour	01-01-2010	01-02-2010
32	Dadra & Nagar Haveli	75.00 to 275.00	NA	31-08-2005
33	Daman & Diu	200.00	1980	28-08-2008
34	Lakshadweep	No water rates	-	12-06-2008
35	Puducherry	No Separate rate for lift irrigation	01-01-2005	12-12-2008

Source: Hydrological Data Directorate, ISO, Central Water Commission, M/o Jal Shakti



## Chapter-3

# Environmental Performance



## Chapter-3

# Environmental Performance

This chapter presents information regarding the environmental aspects of water resources development activities. It includes data on degraded land and its distribution according to various problems, flood damages, analysis of total damage and the performance of flood forecasting network.

### 3.1 Land Degradation

The analysis given in 'Desertification and Land Degradation Atlas of India' by Indian Space Research Organisation (ISRO), sponsored by the Ministry of Environment, Forest and Climate Change reveals that 96.40 Mha area of the country is undergoing process of land degradation i.e., 29.32% of the Total Geographic Area (TGA) of the country during 2011-13, while during 2003-05 the area undergoing process of land degradation was 94.53 Mha (28.76% of the TGA).

Process of Desertification/ Land Degradation	2011-13		2003-05	
	Area (Mha)	Area (%)	Area (Mha)	Area (%)
			1	2
Vegetation Degradation	29.30	8.91	28.28	8.60
Water Erosion	36.10	10.98	35.61	10.83
Wind Erosion	18.23	5.55	18.35	5.58
Salinity	3.67	1.12	4.01	1.22
Water Logging	0.65	0.20	0.60	0.18
Forest Shattering	3.34	1.02	3.11	0.95
Mass Movement	0.93	0.28	0.84	0.26
Manmade	0.41	0.12	0.37	0.11
Barren/Rocky	1.89	0.57	1.88	0.57
Settlement	1.88	0.57	1.48	0.45
Total Area under Desertification	96.40	29.32	94.53	28.76
<b>Total Geographical Area (Mha)</b>	<b>328.72</b>			

Source: ISRO, Desertification and Land Degradation Atlas of India

The analysis shows that around 23.95% (2011-13) and 23.64% (2003-05) of desertification/land degradation with respect to TGA is contributed by Rajasthan, Maharashtra, Gujarat, Jammu & Kashmir, Karnataka, Jharkhand, Odisha, Madhya Pradesh and Telangana in descending order. All other remaining States are contributing less than 1% (individually) of desertification/ land degradation (Table T2).

Figure 1: Changes in Desertification/Land Degradation Status

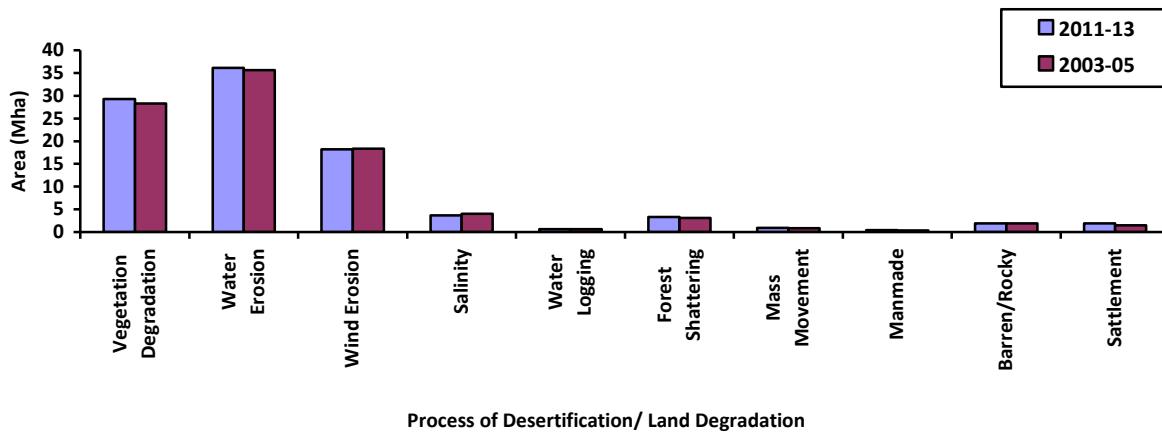


Figure 2: States having Maximum Desertification/Land degradation

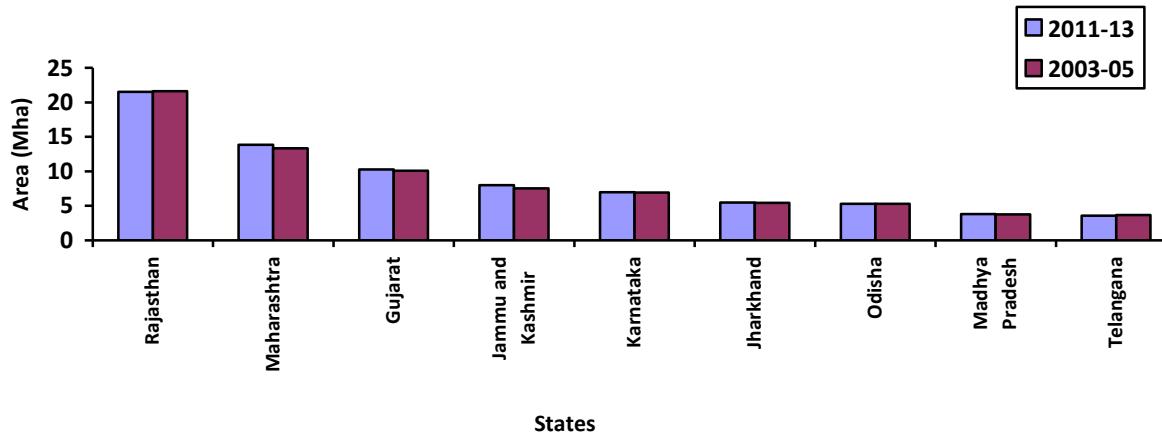
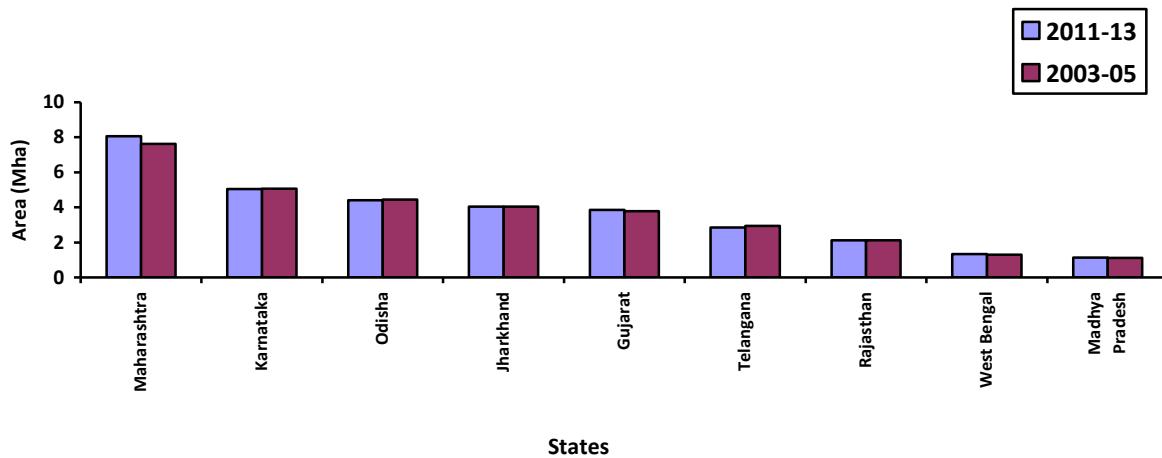


Figure 3: States having Maximum Desertification/Land degradation due to Water Erosion



The most significant process of desertification/ land degradation in the country is Water Erosion (10.98% in 2011-13 and 10.83% in 2003-05). The second most significant process is Vegetation Degradation (8.91% in 2011-13 and 8.60% in 2003-05), which is followed by Wind Erosion (5.55 % in 2011-13 and 5.58 % in 2003-05) (Table T1). At State level, Water Erosion is the most significant process of desertification/ land degradation in Maharashtra, Karnataka, Odisha, Jharkhand, Gujarat, Telangana, Rajasthan, West Bengal and Madhya Pradesh (Table T2).

**Table T2: State-wise Status of Desertification/Land Degradation**

<b>State</b>	<b>Geographical Area of States (Ha)</b>	<b>Area under Desertification due to Water Erosion (Ha)</b>		<b>Total Area under Desertification (Ha)</b>		<b>Total Area under Desertification (%)</b>	
		<b>2011-13</b>	<b>2003-05</b>	<b>2011-13</b>	<b>2003-05</b>	<b>2011-13</b>	<b>2003-05</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Andhra Pradesh	16020500	789433	783830	2298758	2267728	14.35	14.16
Arunachal Pradesh	8374300	0	0	153933	136686	1.84	1.63
Assam	7843800	31424	31424	716596	572215	9.14	7.30
Bihar	9416300	321175	304364	694809	659539	7.38	7.00
Chhattisgarh	13519200	783645	770387	2211153	2176388	16.36	16.10
Delhi	148300	0	0	89868	73514	60.60	49.57
Goa	370200	33889	33892	192973	186458	52.13	50.37
Gujarat	19624400	3859497	3788099	10261641	10077455	52.29	51.35
Haryana	4421200	13568	13568	338964	314583	7.67	7.12
Himachal Pradesh	5567300	268261	233990	2394240	2141366	43.01	38.46
Jammu and Kashmir	22223600	146932	110222	7969607	7538814	35.86	33.92
Jharkhand	7971600	4036785	4037261	5498726	5418657	68.98	67.97
Karnataka	19179100	5043041	5059629	6951000	6940943	36.24	36.19
Kerala	3885200	0	0	379587	370512	9.77	9.54
Madhya Pradesh	30825200	1125418	1120221	3804315	3771853	12.34	12.24
Maharashtra	30771300	8060753	7622800	13825935	13348604	44.93	43.38
Manipur	2232700	8070	8070	601959	593093	26.96	26.56
Meghalaya	2242900	53149	54046	494880	478825	22.06	21.35
Mizoram	2108100	8119	7444	187453	95873	8.89	4.55
Nagaland	1657900	0	0	786678	642304	47.45	38.74
Odisha	15570700	4409413	4442556	5304114	5321903	34.06	34.18
Punjab	5036200	14116	1897	144653	93115	2.87	1.85
Rajasthan	34223900	2116314	2116082	21526512	21625604	62.90	63.19
Sikkim	709600	0	0	78749	78482	11.10	11.06
Tamil Nadu	13006000	6411	6411	1543898	1516660	11.87	11.66
Telangana	11484000	2854285	2951871	3598856	3658482	31.34	31.86
Tripura	1048600	186900	189533	437128	327302	41.69	31.21
Uttar Pradesh	24092800	586961	610989	1528997	1835263	6.35	7.62
Uttarakhand	5348300	11943	11943	648253	581241	12.12	10.87
West Bengal	8875200	1329539	1299542	1733931	1682181	19.54	18.95
<b>Total</b>	<b>328726300</b>	<b>36099042</b>	<b>35610069</b>	<b>96398166</b>	<b>94525643</b>	<b>29.32</b>	<b>28.76</b>

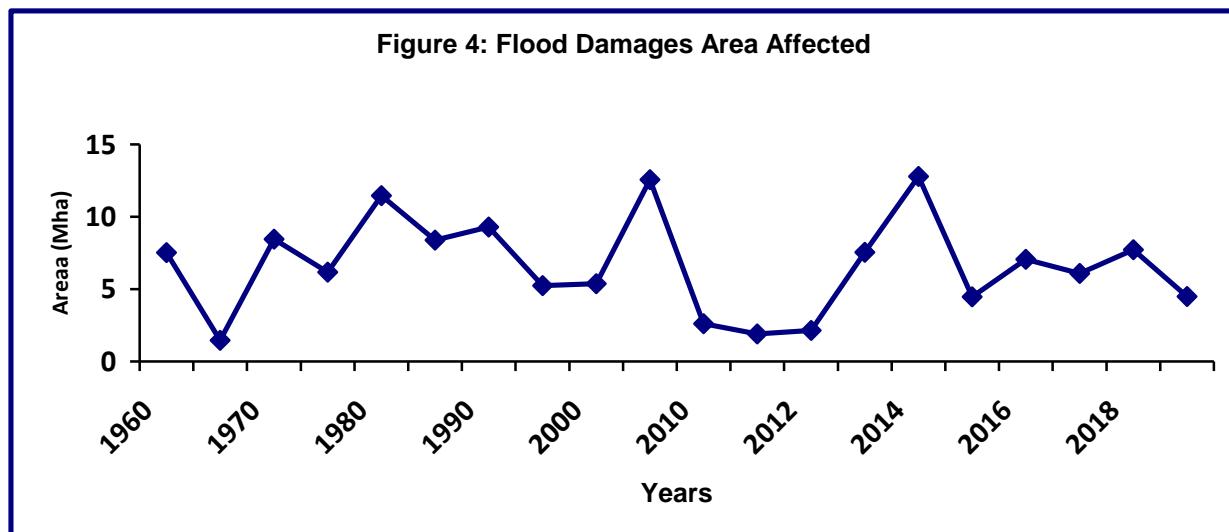
Source: ISRO, Desertification and Land Degradation Atlas of India

### 3.2 Flood

Floods are one of the most devastating natural calamities, which have been causing extensive damage to life and property besides perpetrating tremendous suffering. Since flood is a natural phenomenon, it is usually difficult to predict a definite trend especially with regard to the time and place of its occurrence. As such, the effort usually is to take appropriate advance flood protection measures. Area affected by floods was 2.29 Mha in 1953 and 4.49 Mha in 2019 which was (17.50 Mha) at peak during 1978. The damage to crops was in the wide range varying from Rs. 5.87 Cr in 1965 to Rs.17,043.95 Cr in 2015. Floods also caused damages to crops worth Rs 10,902.35 Cr in 2019. In addition, there was a great loss of human lives and livestock often affecting the poor strata of the population. Taking into consideration the other factors such as serious disruption and massive health rehabilitation measures needed, the loss could indeed be tremendous. The total damage caused by floods is calculated to the tune of Rs. 15,863.53 Cr during 2019 ([Appendix table no.-3.1](#)). State-wise details of flood damages during 2019 are given in [Appendix table no.-3.2](#).

Table T3: Flood Damages in India									
Year	Area Affected (Mha)	Population Affected (Millions)	Damage to Crops (Rs. Cr)	Damage to Houses (Rs. Cr)	Damage to Public Utilities (Rs. Cr)	Cattle Lost Nos. ('000)	Human Life Lost (No.)	Total Damages to crops, houses and public utilities (Rs. Cr)	
1	2	3	4	5	6	7	8	9	
2019	4.49	46.50	10902.35	462.79	4498.39	25852	2754	15863.53	
Maximum	17.50	70.45	17043.95	10809.80	38937.84	618248	11316	57291.10	
Year when maximum loss/damage occurred	1978	1978	2015	2009	2013	1979	1977	2015	

Source: Flood Forecasting Management Directorate, CWC



Flood forecasting is one of the most important non-structural methods of flood control in which there has been significant contribution by CWC. Network performance for the flood season 2019 (8451 accurate forecasts out of 9754 issued) has been successful. 86.64% of forecasts were correct within +/-15cm or +/-20% cumecs. Basin-wise and flood forecasting site-wise flood forecasting information in India during flood season, 2019 are given in Appendix table no.- 3.3. Over the years, the percentage of forecasts accuracy has been maintained at an average of 96% (Appendix table no.- 3.4). Moreover, site-wise forecast performance of flood forecasting sites of Central Water Commission in Flood Season, 2019 are given in Appendix table no.- 3.5.

**Table T4: Flood Forecasting Performance**

Year 1	Total No. of Forecasts Issued 2	Within +/-15 cm or +/-20% cumecs of deviation from actual 3	Percentage of Accuracy 4
2000	6443	6251	97.02
2001	5463	5342	97.79
2002	4241	4151	97.88
2003	6600	6375	96.59
2004	4889	4696	96.05
2005	5618	5423	96.53
2006	6663	6377	95.71
2007	8223	7990	97.17
2008	6691	6554	97.95
2009	4010	3927	97.93
2010	7519	7378	98.12
2011	5991	5904	98.55
2012	5031	4939	98.17
2013	7060	6760	95.75
2014	4772	4667	97.80
2015	4072	3991	98.01
2016	6239	5948	95.34
2017	6297	5901	93.71
2018	6851	6495	94.80
2019	9754	8451	86.64

Source: Flood Forecasting Management Directorate, CWC

### 3.3 Water Requirement

The requirement of fresh water both for irrigation and other uses is growing continuously. The requirement of water for various sectors has been assessed by the National Commission on Integrated Water Resources Development (NCIWRD) in the year 2000. This requirement is based on the assumption that irrigation efficiency will increase to 60% from the current level of 35-40%. The following table T5 indicates the projected water demand in India for different sectors.

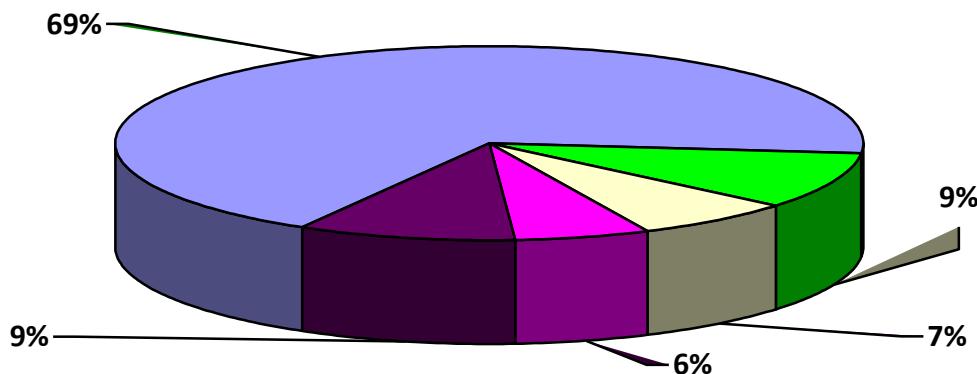
**Table T5: Projected Water Demand in India (By Different Use)**

Sector	Water Demand in km <sup>3</sup> (or BCM)								
	Standing Sub-Committee of M/o Jal Shakti D/o MOWR			NCIWRD					
	2010	2025	2050	2010		2025		2050	
1				Low	High	Low	High	Low	High
Irrigation	688	910	1072	543	557	561	611	628	807
Drinking Water	56	73	102	42	43	55	62	90	111
Industry	12	23	63	37	37	67	67	81	81
Energy	5	15	130	18	19	31	33	63	70
Other	52	72	80	54	54	70	70	111	111
<b>Total</b>	<b>813</b>	<b>1093</b>	<b>1447</b>	<b>694</b>	<b>710</b>	<b>784</b>	<b>843</b>	<b>973</b>	<b>1180</b>

Source: Basin Planning Directorate, CWC, XI Plan Document.

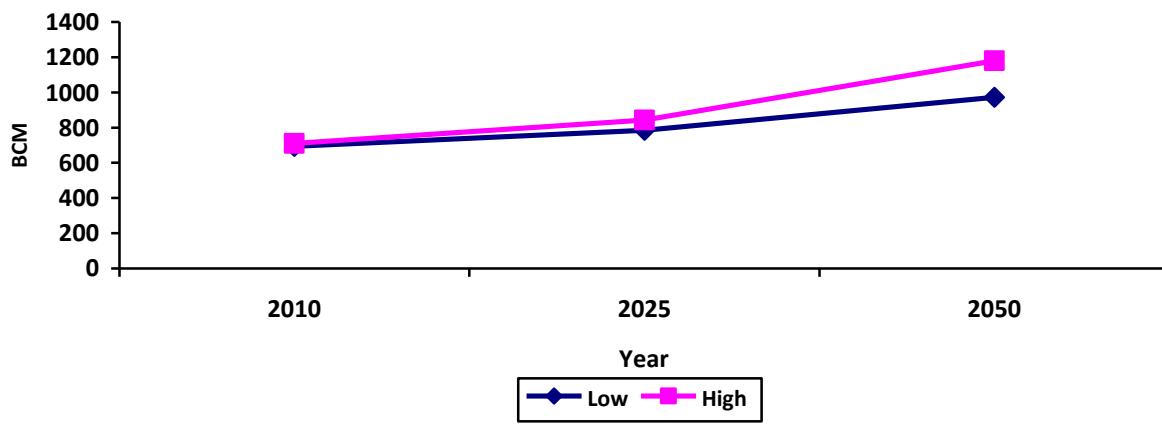
Report of the Standing Sub-Committee on 'Assessment of Availability & Requirement of Water for Diverse uses in the Country-2000'

Note: NCIWRD: National Commission on Integrated Water Resources Development (NCIWRD-1999)

**Figure 5: Estimated Sector wise High Demand in India during 2050 (As per NCIWRD)**

■ Irrigation ■ Drinking Water □ Industry ■ Energy ■ Others

**Figure 6: Projected Water Demand in India (As per NCIWRD)**



The Standing Committee of M/o Jal Shakti also assesses it periodically. The total water demand for all the uses is likely to be 1,180 BCM by 2050 as per NCIWRD. Though major share of this would be consumed for irrigation purposes, this in no way undermines importance of providing portable drinking water. Infact, it may be presumed that drinking water provision would have to be given an added thrust since the lack of such facility is likely to entail serious social, economic and health impact.

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## **Appendix-3**



Table 3.1: Flood Damage during 1953 to 2019

Sl. No.	Year	Area Affected (in Mha)	Population Affected (in Million)	Damage to Crops		Damage to Houses		Cattle Lost Nos.	Human Lives Lost Nos.	Damage to Public Utilities in Rs. Cr	Total Damages to Crops, Houses & Public Utilities in Rs. Cr (Col.6+8+11)
				Area (in Mha)	Value (in Rs. Cr)	Nos.	Value (in Rs. Cr)				
1	2	3	4	5	6	7	8	9	10	11	12
1	1953	2.290	24.280	0.930	42.080	264924	7.420	47034	37	2.900	52.400
2	1954	7.490	12.920	2.610	40.520	199984	6.561	22552	279	10.150	57.231
3	1955	9.440	25.270	5.310	77.800	1666789	20.945	72010	865	3.980	102.725
4	1956	9.240	14.570	1.110	44.440	725776	8.047	16108	462	1.140	53.627
5	1957	4.860	6.760	0.450	14.120	318149	4.979	7433	352	4.270	23.369
6	1958	6.260	10.980	1.400	38.280	382251	3.896	18439	389	1.790	43.966
7	1959	5.770	14.520	1.540	56.760	648821	9.418	72691	619	20.020	86.198
8	1960	7.530	8.350	2.270	42.550	609884	14.309	13908	510	6.310	63.169
9	1961	6.560	9.260	1.970	24.040	533465	0.889	15916	1374	6.440	31.369
10	1962	6.120	15.460	3.390	83.180	513785	10.655	37633	348	1.050	94.885
11	1963	3.490	10.930	2.050	30.170	420554	3.701	4572	432	2.740	36.611
12	1964	4.900	13.780	2.490	56.870	255558	4.588	4956	690	5.149	66.607
13	1965	1.460	3.610	0.270	5.870	112957	0.195	7286	79	1.070	7.135
14	1966	4.740	14.400	2.160	80.150	217269	2.544	9071	180	5.736	88.430
15	1967	7.120	20.460	3.270	133.310	567995	14.264	5827	355	7.857	155.431
16	1968	7.150	21.170	2.620	144.610	682704	41.112	130305	3497	25.373	211.095
17	1969	6.200	33.220	2.910	281.900	1268660	54.423	270328	1408	68.112	404.435
18	1970	8.460	31.830	4.910	162.780	1434030	48.606	19198	1076	76.441	287.827
19	1971	13.250	59.740	6.240	423.130	2428031	80.241	12866	994	129.113	632.484
20	1972	4.100	26.690	2.450	98.560	897301	12.460	58231	544	47.174	158.194
21	1973	11.790	64.080	3.730	428.030	869797	52.482	261016	1349	88.489	569.001

Contd...

Table 3.1: Flood Damage during 1953 to 2019

Sl. No.	Year	Area Affected (in Mha)	Population Affected (in Million)	Damage to Crops		Damage to Houses		Cattle Lost Nos.	Human Lives Lost Nos.	Damage to Public Utilities in Rs. Cr	Total Damages to Crops, Houses & Public Utilities in Rs. Cr (Col.6+8+11)
				Area (in Mha)	Value (in Rs. Cr)	Nos.	Value (in Rs. Cr)				
1	2	3	4	5	6	7	8	9	10	11	12
22	1974	6.700	29.450	3.330	411.640	746709	72.434	16846	387	84.942	569.016
23	1975	6.170	31.360	3.850	271.490	803705	34.097	17345	686	166.050	471.637
24	1976	11.910	50.460	6.040	595.030	1745501	92.160	80062	1373	201.495	888.685
25	1977	11.460	49.430	6.840	720.610	1661625	152.290	556326	11316	328.948	1201.848
26	1978	17.500	70.450	9.960	911.090	3507542	167.574	239174	3396	376.100	1454.764
27	1979	3.990	19.520	2.170	169.970	1328712	210.606	618248	3637	233.627	614.203
28	1980	11.460	54.120	5.550	366.370	2533142	170.851	59173	1913	303.283	840.504
29	1981	6.120	32.490	3.270	524.560	912557	159.630	82248	1376	512.314	1196.504
30	1982	8.870	56.010	5.000	589.400	2397365	383.869	246750	1573	671.607	1644.876
31	1983	9.020	61.030	3.290	1285.850	2393722	332.327	153095	2378	873.429	2491.606
32	1984	10.710	54.550	5.190	906.090	1763603	181.308	141314	1661	818.164	1905.562
33	1985	8.380	59.590	4.650	1425.370	2449878	583.855	43008	1804	2050.043	4059.268
34	1986	8.810	55.500	4.580	1231.580	2049277	534.410	60450	1200	1982.535	3748.525
35	1987	8.890	48.340	4.940	1154.640	2919380	464.490	128638	1835	950.590	2569.720
36	1988	16.290	59.550	10.150	2510.900	2276533	741.600	150996	4252	1377.800	4630.300
37	1989	8.060	34.150	3.010	956.740	782340	149.820	75176	1718	1298.770	2405.330
38	1990	9.303	40.259	3.179	695.610	1019930	213.733	134154	1855	455.266	1708.920
39	1991	6.357	33.889	2.698	579.015	1134410	180.421	41090	1187	728.893	1488.329
40	1992	2.645	19.256	1.748	1027.578	687489	306.284	78669	1533	2010.670	3344.532
41	1993	11.439	30.409	3.206	1308.627	1926049	528.324	211193	2864	1445.534	3282.485
42	1994	4.805	27.548	3.963	888.622	914664	165.206	52315	2078	740.762	1794.590

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Table 3.1: Flood Damage during 1953 to 2019

Sl. No.	Year	Area Affected (in Mha)	Population Affected (in Million)	Damage to Crops		Damage to Houses		Cattle Lost Nos.	Human Lives Lost Nos.	Damage to Public Utilities in Rs. Cr	Total Damages to Crops, Houses & Public Utilities in Rs. Cr (Col.6+8+11)
				Area (in Mha)	Value (in Rs. Cr)	Nos.	Value (in Rs. Cr)				
1	2	3	4	5	6	7	8	9	10	11	12
43	1995	5.245	35.932	3.245	1714.787	2001898	1307.894	62438	1814	679.627	3702.308
44	1996	8.049	44.729	3.827	1124.491	726799	176.589	73208	1803	861.393	3005.743
45	1997	4.569	29.663	2.258	692.743	505128	152.504	27754	1402	1985.934	2831.181
46	1998	10.845	47.435	7.495	2594.167	1932874	1108.783	107098	2889	5157.771	8860.721
47	1999	7.765	27.993	1.753	1850.873	1613260	1299.057	91289	745	462.830	3612.760
48	2000	5.382	45.013	3.580	4246.622	2628855	680.943	123252	2606	3936.979	8864.544
49	2001	6.175	26.463	3.964	688.481	716187	816.474	32704	1444	5604.461	7109.416
50	2002	7.090	26.323	2.194	913.092	762492	599.368	21533	1001	1062.083	2574.543
51	2003	6.120	43.201	4.268	7307.230	775379	756.481	15161	2166	3262.154	11325.866
52	2004	5.314	43.725	2.888	778.694	1664388	879.601	134106	1813	1656.090	3314.385
53	2005	12.562	22.925	12.299	2370.923	715749	380.531	119674	1455	4688.219	7439.672
54	2006	1.096	25.224	1.822	2850.668	1497428	3636.848	266945	1431	13303.926	19790.922
55	2007	7.145	41.402	8.795	3121.532	3280233	2113.108	89337	3389	8049.037	13283.677
56	2008	3.427	29.910	3.186	3401.563	1566809	1141.891	101780	2876	5046.481	9589.935
57	2009	3.844	29.537	3.592	4232.609	1235628	10809.795	63383	1513	17509.353	32551.758
58	2010	2.624	18.297	4.994	5887.380	293830	875.952	39706	1582	12757.253	19520.586
59	2011	1.895	15.973	2.718	1393.847	1152518	410.475	35982	1761	6053.570	7857.892
60	2012	2.141	14.689	1.950	1534.108	174526	240.572	31558	933	9169.968	10944.648
61	2013	7.546	25.927	7.484	6378.078	699525	2032.830	163958	2180	38937.843	47348.751
62	2014	12.775	26.505	8.007	7255.151	311325	581.978	60196	1968	7710.948	15548.077
63	2015	4.478	33.203	3.374	17043.948	3959191	8046.969	45597	1420	32200.182	57291.098

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Table 3.1: Flood Damage during 1953 to 2019

Sl. No.	Year	Area Affected (in Mha)	Population Affected (in Million)	Damage to Crops		Damage to Houses		Cattle Lost Nos.	Human Lives Lost Nos.	Damage to Public Utilities in Rs. Cr	Total Damages to Crops, Houses & Public Utilities in Rs. Cr (Col.6+8+11)
				Area (in Mha)	Value (in Rs. Cr)	Nos.	Value (in Rs. Cr)				
1	2	3	4	5	6	7	8	9	10	11	12
64	2016	7.065	26.555	6.658	4052.723	278240	114.676	22367	1420	1507.926	5675.325
65	2017	6.076	47.342	4.972	8951.978	1252914	9384.018	26673	2063	12329.849	30665.845
66	2018	7.718	37.399	2.515	3708.187	913414	2508.656	60279	1839	12132.920	21849.972
67	2019	4.494	46.350	10.688	10902.347	656595	462.787	25852	2754	4498.393	15863.526
<b>Total</b>		<b>478.547</b>	<b>2171.357</b>	<b>269.221</b>	<b>125836.154</b>	<b>82288002</b>	<b>56745.805</b>	<b>6135480</b>	<b>112128</b>	<b>228691.315</b>	<b>415960.545</b>
<b>Avg</b>		<b>7.142</b>	<b>32.408</b>	<b>4.018</b>	<b>1878.152</b>	<b>1228179</b>	<b>846.952</b>	<b>91574</b>	<b>1674</b>	<b>3413.303</b>	<b>6208.366</b>
<b>Max</b>		<b>17.500</b>	<b>70.450</b>	<b>12.299</b>	<b>17043.948</b>	<b>3959191</b>	<b>10809.795</b>	<b>618248</b>	<b>11316</b>	<b>38937.843</b>	<b>57291.098</b>
(Year)		1978	1978	2005	2015	2015	2009	1979	1977	2013	2015

Source: FFM Directorate, CWC, M/o Jal Shakti

Table 3.2: Flood Damage during 2019

Sl. No.	Name of State	Area Affected	Population Affected	Damage to Crops		Damage to Houses		Cattle lost	Human Lives Lost	Damage to Public Utilities	Total Damages to Crops, Houses & Public Utilities
		Mha	Million	Area (Mha)	Value (in Rs Cr)	Nos.	Value (in Rs. Cr)	Nos.	Nos.	Value (in Rs. Cr)	(in Rs. Cr)
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	0.009	0.198	0.004	19.618	10707	63.820	16.000	14.000	614.613	698.051
2	Arunachal Pradesh	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
3	Assam	0.233	7.355	0.233	167.470	117831	151.400	281	103	2803.110	3121.980
4	Bihar	NR	14.203	NR	NR	NR	NR	NR	274	NR	NR
5	Chhattisgarh	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
6	Goa	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7	Gujarat	0.000	0.000	0.000	0.000	6111	2.790	1042	217	0.000	2.790
8	Haryana	0.000	0.000	0.000	0.600	0	0.000	0	0	0.000	0.600
9	Himachal Pradesh	0.010	1.616	0.040	87.120	2940	19.170	555	7	122.820	229.110
10	Jammu & Kashmir	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11	Jharkhand	0.019	0.134	0.005	2.715	126	0.539	0	6	10.000	13.254
12	Karnataka	NR	0.115	1.02	NR	168350	NR	4415	301	NR	NR
13	Kerala	NR	0.114	0.013	NR	16543	NR	11338	301	NR	NR
14	Madhya Pradesh	NR	5.537	6.047	NR	118386	NR	5158	674	NR	NR
15	Maharashtra	NR	0.773	NR	NR	48	NR	824	450	NR	NR
16	Manipur	0.000	0.000	0.000	0.000	0	0.000	0	0	0.000	0.000
17	Meghalaya	0.000	0.001	0.000	0.000	0	0.000	0	0	3.661	3.661
18	Mizoram	0.000	0.000	0.000	0.000	0	0.000	0	0	0.000	0.000

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Table 3.2: Flood Damage during 2019

Sl. No.	Name of State	Area Affected	Population Affected	Damage to Crops		Damage to Houses		Cattle lost	Human Lives Lost	Damage to Public Utilities	Total Damages to Crops, Houses & Public Utilities
		Mha	Million	Area (Mha)	Value (in Rs Cr)	Nos.	Value (in Rs. Cr)	Nos.	Nos.	Value (in Rs. Cr)	(in Rs. Cr)
1	2	3	4	5	6	7	8	9	10	11	12
19	Nagaland	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
20	Odisha	0.499	1.100	0.038	43.250	25821	42.050	697	13	369.520	454.820
21	Punjab	0.152	0.079	0.152	NR	2618	NR	615	20	NR	NR
22	Rajasthan	2.390	13.800	2.390	8787.770	28415	33.140	314	126	0.000	8820.910
23	Sikkim	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24	Tamil Nadu	0.000	0.000	0.000	0.000	2814	1.209	230	10	0.000	1.209
25	Tripura	0.001	0.147	0.001	2.610	44963	81.710	15	1	353.330	437.650
26	Uttar Pradesh	0.890	0.745	0.650	625.120	53665	20.300	325	166	164.210	809.630
27	Uttarakhand	0.000	0.000	0.000	0.000	0	0.000	0	0	0.000	0.000
28	West Bengal	0.290	0.435	0.095	1166.074	57248	46.631	27	71	57.129	1269.834
29	A & N Island	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	Chandigarh	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
31	D & N Haveli	NR	NR	NR	NR	4	0.028	NR	NR	NR	0.028
32	Daman & Diu	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
33	Delhi	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
34	Lakshadweep	0.000	0.000	0.000	0.000	5	0.000	0.000	0.000	0.000	0.000
35	Puducherry	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
<b>Total</b>		<b>4.494</b>	<b>46.350</b>	<b>10.688</b>	<b>10902.347</b>	<b>656595</b>	<b>462.787</b>	<b>25852</b>	<b>2754</b>	<b>4498.393</b>	<b>15863.526</b>

Source: FFM Directorate, CWC, M/o Jal Shakti

Note: 'NR': Data have not been reported by the States/UTs.

Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>1. Indus Basin</b>												
1	Jhelum	Sangam	Jammu &	1590.30	1592.00	1595.00	06-09-2014	1589.13	29/07/2019 07	0	0	-
2	Jhelum	Rammunshi Bagh	Jammu &	1585.53	1586.45	1588.99	08-09-2014	1584.48	29/07/2019 15	0	0	-
3	Jhelum	Safapora	Jammu &	1580.00	1580.80	1582.10	09-09-2014	1579.42	29/07/2019 23	2	2	100.00
<b>2 a. Ganga Basin</b>												
4	Alaknanda	Srinagar	Uttarakhand	535.00	536.00	537.90	17-06-2013	535.90	19/08/19:04	2	0	0.00
5	Mandakini	Ganganagar	Uttarakhand	803.00	804.00	801.92	2015	801.5	19/08/19:07	0	0	-
6	Ganga	Rishikesh	Uttarakhand	339.50	340.50	341.72	05-09-1995	340.90	19/08/19:02	3	2	66.67
7	Ganga	Haridwar	Uttarakhand	293.00	294.00	296.30	19-09-2010	295.05	19/08/19:03	3	1	33.33
8	Ganga	Dharmanagri Barrage	Uttar Pradesh	FRL 221.8				220.2	19/08/2019 13	0	0	-
9	Ganga	Garhmuktheswar	Uttar Pradesh	198.33	199.33	199.90	23-09-2010	198.67	21/08/19:20	18	18	100.00
10	Ganga	Narora Barrage	Uttar Pradesh			180.61	23/09/2010	179.07	01/06/19:01	24	24	100.00
11	Ganga	Kachla Bridge	Uttar Pradesh	161.00	162.00	162.79	24-09-2010	162.63	21/08/2019 20	80	79	98.75
12	Ganga	Fathegarh	Uttar Pradesh	136.60	137.60	138.14	26-09-2010	137.34	25/08/19:05	30	30	100.00
13	Ramganga	Kalagarh Dam	Uttarakhand		366.2	365.3		257.74	25/06/19:08	0	0	-
14	Ramganga	Moradabad	Uttar Pradesh	189.60	190.60	192.88	21-09-2010	189.33	20/08/19:10	0	0	-
15	Ramganga	Bareilly	Uttar Pradesh	162.07	163.07	162.88	06-08-1978	160.49	23/08/2019:08	0	0	-
16	Ganga	Dabri	Uttar Pradesh	136.30	137.30	139.70	28-09-1983	135.80	24/08/2019 :06	0	0	-
17	Ganga	Kannauj	Uttar Pradesh	124.97	125.97	126.78	27-09-2010	124.55	26/08/19:03	0	0	-
18	Ganga	Ankinghat	Uttar Pradesh	123.00	124.00	124.49	28-09-2010	122.99	26/08/19:04	0	0	-
19	Ganga	Kanpur	Uttar Pradesh	112.00	113.00	114.08	29-09-2010	111.66	26/08/19:09	0	0	-
20	Ganga	Dalmau	Uttar Pradesh	98.36	99.36	99.84	03-08-1973	97.85	27/08/19:09	0	0	-
21	Ganga	Phphamau	Uttar Pradesh	83.73	84.73	87.98	08-09-1978	85.78	21/09/19:23	10	10	100.00
22	Yamuna	Paonta Sahib	Himachal	383.50	384.50	384.60	05-09-1995	384.5	18/08/19:11	4	2	50.00
23	Yamuna	Tajewala Weir	Haryana			338.90	17-06-2013	338.60	18/08/19:00	0	0	-
24	Yamuna	Karnal Bridge	Haryana	248.80	249.50	250.07	17-06-2013	248.94	19/08/19:16	2	2	100.00

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
25	Yamuna	Mawi	Uttar Pradesh	230.00	230.85	232.75	26-09-1988	232.25	20/08/19:11	7	6	85.71
26	Sahibi	Dhansa	NCT Delhi	211.44	212.44	213.58	06-08-1977	209.50	20/08/19:08	0	0	-
27	Yamuna	Delhi Rly Bridge	NCT Delhi	204.50	205.33	207.49	06-09-1978	206.60	21/08/19:05	7	6	85.71
28	Yamuna	Mathura	Uttar Pradesh	165.20	166.00	169.73	08-09-1978	165.47	23/08/19:14	4	4	100.00
29	Yamuna	Agra	Uttar Pradesh	151.40	152.40	154.76	09-09-1978	150.91	23/08/2019 :23	0	0	-
30	Yamuna	Etawa	Uttar Pradesh	120.92	121.92	126.13	11-09-1978	121.22	19/09/2019 :04	3	3	-
31	Chambal	Gandhi Sagar	Madhya Pradesh	FRL 399.9				401.98	15/09/2019 :08	35	13	37.14
32	Chambal	Rana	Rajasthan	FRL 352.8				353.35	15/09/2019 :20	21	6	28.57
33	Chambal	Kota Barrage	Rajasthan	FRL260.3				269.81	28/07/2019 :04	49	18	36.73
34	Chambal	Kota City	Rajasthan	239.00	240.00			243.46	16/09/2019 :10	0	0	-
35	Banas	Bisalpur Dam	Rajasthan	FRL 315.5				315.50	19/08/2019 :16	5	0	0.00
36	Kalisindh	Kalisindh Dam	Rajasthan	FRL316				315.86	11/10/2019 :09	67	35	52.24
37	Parwan	Parwan Dam	Rajasthan	FRL288.34				292.88	15/09/2019 :08	0	0	-
38	Gambhiri	Gambhiri Dam	Rajasthan	FRL431.9				432.08	19/08/2019 :08	0	0	-
39	Gambhiri	Panchana Dam	Rajasthan	FRL258.62				254.32	01/10/2019 :10	0	0	-
40	Mej	Gudha Dam	Rajasthan	FRL305.87				306.44	16/08/2019 :08	0	0	-
41	Parwati	Parwati Dam	Rajasthan	-				312.27	16/08/2019 :08	0	0	-
42	Yamuna	Auraiya	Uttar Pradesh	112.00	113.00	118.19	25-08-1996	117.36	19/09/2019 :08	16	11	68.75
43	Yamuna	Kalpi	Uttar Pradesh	107.00	108.00	112.98	25-08-1996	112.26	19/09/2019 :07	11	9	81.82
44	Yamuna	Hamirpur	Uttar Pradesh	102.63	103.63	108.59	12-09-1983	106.79	20/09/2019 :10	18	10	55.56
45	Betwa	Rajghat Dam	Madhya Pradesh	FRL380.8				371	03/09/2019 :08	40	15	37.50
46	Betwa	Matatilia Dam	Uttar Pradesh	FRL308.46				991.8	27/07/2019 :08	39	0	0.00
47	Betwa	Mohana	Uttar Pradesh	121.66	122.66	133.35	11-09-1983	122.32	17/08/2019 :01	7	3	42.86
48	Betwa	Sahjina	Uttar Pradesh	103.54	104.54	108.67	12-09-1983	106.33	20/09/2019 :05	15	11	73.33
49	Ken	Banda	Uttar Pradesh	103.00	104.00	113.29	07-07-2005	103.65	19/09/2019 :22	5	1	20.00
50	Yamuna	Chilaghat	Uttar Pradesh	99.00	100.00	105.16	06-09-1978	102.55	20/09/2019 :14	16	7	43.75
51	Yamuna	Naini	Uttar Pradesh	83.74	84.74	87.99	08-09-1978	85.67	21/09/19:00	10	7	70.00
52	Ganga	Allahabad	Uttar Pradesh	83.73	84.73	88.03	08-09-1978	85.09	21/09/19:23	8	8	100.00

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
53	Ganga	Mirzapur	Uttar Pradesh	76.72	77.72	80.34	09-09-1978	77.98	22/09/19:01	9	9	100.00
54	Ganga	Varanasi	Uttar Pradesh	70.26	71.26	73.90	09-09-1978	71.95	22/09/19:17	12	10	83.33
55	Gomati	Lucknow	Uttar Pradesh	108.50	109.50	110.85	10-09-1971	106.23	11/07/2019 06	0	0	-
56	SAI	Raibareli	Uttar Pradesh	100.00	101.00	104.81	17-09-1982	100.60	29/09/2019 13	4	4	100.00
57	Gomati	Jaunpur	Uttar Pradesh	73.07	74.07	77.74	22-09-1971	73.43	29/09/19:00	1	1	100.00
58	Ganga	Ghazipur	Uttar Pradesh	62.10	63.10	65.22	09-09-1978	64.53	23/09/19:01	26	25	96.15
59	Ganga	Buxar	Bihar	59.32	60.32	62.09	1948	60.92	22/09/19:15	27	27	100.00
60	Ganga	Ballia	Uttar Pradesh	56.62	57.62	60.39	25-08-2016	59.94	24/09/19:01	47	47	100.00
61	Sharda	Banbasa	Uttarakhand	222.96	225			222.50	21/06/19:00	3	3	100.00
62	Ghaghra	Katerniaghata	Uttar Pradesh	FRL138				138.00	28/09/2019 19	0	0	-
63	Ghaghra	Elgin Bridge	Uttar Pradesh	105.07	106.07	107.62	18-08-2018	106.67	07/09/19:00	89	87	97.75
64	Ghaghra	Ayodhya	Uttar Pradesh	91.73	92.73	94.01	11-10-2009	92.99	17/09/19:00	80	79	98.75
65	Rapti	Kakardhari	Uttar Pradesh	130.00	131.00	132.37	15-08-2014	129.84	15/07/2019 :00	0	0	-
66	Rapti	Balrampur	Uttar Pradesh	103.62	104.62	105.54	15-08-2017	105.08	15/07/2019 :15	21	19	90.48
67	Rapti	Bansi	Uttar Pradesh	83.90	84.90	85.88	20-08-2017	84.22	18/07/2019 :14	6	5	83.33
68	Rapti	Gorakpur_Birdgh	Uttar Pradesh	73.98	74.98	77.54	23-08-1998	73.95	16/07/19:00	0	0	-
69	Ghaghra	Turtipar	Uttar Pradesh	63.01	64.01	66.00	28-08-1998	64.16	22/09/19:00	79	76	96.20
70	Ghaghra	Darauli	Bihar	59.82	60.82	61.74	29-08-1998	60.86	23/09/19:05	65	65	100.00
71	Ghaghra	GangpurSiswan	Bihar	56.04	57.04	58.01	18-09-1983	57.37	23/09/19:04	45	45	100.00
72	Ghaghra	Chhapra	Bihar	52.68	53.68	54.59	03-09-1982	53.25	24/09/19:11	11	11	100.00
73	Sone	Bansagar Dam	Madhya Pradesh	FRL 341.65				341.65	28/09/2019 :08	39	7	17.95
74	Rihand	Rihand Dam	Uttar Pradesh			FRL268.22		263.26	31/10/2019 :08	26	4	15.38
75	Khoranadi	Annaraj Dam	Jharkhand	FRL252.44				-	-	0	0	-
76	GodaNala	Bhairwa Dam	Jharkhand	FRL356.7				355.6	30/10/2019 :06	0	0	-
77	Sone	Indrapuri Barrage	Bihar	FRL173				108.36	29/09/2019 :17	0	0	-
78	Sone	Inderpuri	Bihar	107.20	108.20	109.60	23-08-1975	105.30	30/09/19:00	0	0	-
79	Sone	Koelwar	Bihar	54.52	55.52	58.88	20-07-1971	53.74	30/09/19:20	0	0	-
80	Sone	Maner	Bihar	51.00	52.00	53.79	10-09-1976	52.87	24/09/19:04	30	29	96.67
81	Ganga	Patna	Bihar	49.45	50.45	52.52	23-08-1975	50.94	30/09/19:14	33	33	
82	Gandak	Gandak Barrage	Bihar	FRL113.08				110.41	22/06/2019 22	0	0	
83	Gandak	Khadda	Uttar Pradesh	95.00	96.00	97.50	23-07-2002	95.78	18/09/2019 04	91	89	97.80

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
84	Gandak	Chatia	Bihar	68.15	69.15	70.04	26-07-2002	66.80	20/09/2019 18	0	0	-
85	Gandak	Dumariaghata	Bihar	61.22	62.22	64.10	17-08-2017	62.73	19/09/2019 18	103	103	100.00
86	Gandak	Rewaghat	Bihar	53.41	54.41	55.41	17-09-1986	53.79	20/09/19:22	8	8	100.00
87	Gandak	Hazipur	Bihar	49.32	50.32	50.93	1948	49.81	21/09/19:03	16	16	100.00
88	Ganga	Patna	Bihar	47.60	48.60	50.52	20-08-2016	49.79	23/09/19:15	47	47	100.00
89	Baranadi	AmanatBarage	Jharkhand	FRL274.39				-	-	0	0	-
90	Jamunia	Batane Dam	Jharkhand	FRL232.85				122.27	09/10/2019 06	0	0	-
91	PunPun	Sripalpur	Bihar	49.60	50.60	53.91	18-09-1976	53.61	15/09/19:04	20	20	100.00
92	Ganga	Hathidah	Bihar	40.76	41.76	43.17	21-08-2016	42.76	25/09/19:11	48	48	100.00
93	Ganga	Munger	Bihar	38.33	39.33	40.99	19-09-1976	39.59	02/10/19:03	27	27	100.00
94	BurhiGandak	Lalbeghiaghata	Bihar	62.20	63.20	67.09	30-07-1975	63.65	17/07/2019 19	20	20	100.00
95	Burhigandak	Ahirwalia	Bihar	58.62	59.62	61.17	1975	59.07	19/07/2019 :04	8	8	100.00
96	BurhiGandak	Muzaffarpur	Bihar	51.53	52.53	54.29	15-08-1987	52.69	21/07/2019 :01	21	21	100.00
97	BurhiGandak	Samastipur	Bihar	45.02	46.02	49.38	15-08-1987	46.73	27/07/2019 :00	21	20	95.24
98	BurhiGandak	Rosera	Bihar	41.63	42.63	46.35	16-08-1987	44.12	23/07/2019 :08	24	23	95.83
99	BurhiGandak	Khagaria	Bihar	35.58	36.58	39.22	1976	38.28	03/10/2019 :00	46	46	100.00
100	Ganga	Bhagalpur	Bihar	32.68	33.68	34.72	26-08-2016	34.43	02/10/19:03	33	33	100.00
101	Ganga	Kahalgao	Bihar	30.09	31.09	32.87	17-09-2003	32.36	03/10/19:01	47	46	97.87
102	Kosi	Kosi Barrage	Bihar	77.74 ( PL)				76.2	24/07/2019 :00	0	0	-
103	Kosi	Basua	Bihar	46.75	47.75	49.24	13-08-2017	49.16	15/07/2019 :00	108	104	96.30
104	Bagmati	Dheng Bridge	Bihar	69.10	70.10	73.00	13-08-2017	72.96	14/07/2019 :00	148	147	99.32
105	Bagmati	Runisaipur	Bihar	52.73	53.73	58.15	14-08-2017	57.9	14/07/2019 :13	147	144	97.96
106	Bagmati	Benibad	Bihar	47.68	48.68	50.01	12-07-2004	49.13	15/07/2019 :13	61	60	98.36
107	Adhwara Group	Kamtaul	Bihar	49.00	50.00	52.99	12-08-1987	51.61	16/07/2019 :05	43	43	100.00
108	Adhwara Group	Ekmighat	Bihar	45.94	46.94	49.52	12-07-2004	47.91	30/07/2019 :00	38	38	100.00
109	Bagmati	Hayaghat	Bihar	44.72	45.72	48.96	14-08-1987	46.71	30.07.2019 :00	28	28	100.00
110	KamlaBalan	Jainagar	Bihar	66.75	67.75	71.35	1965	69.9	13/07/2019 :13	302	301	99.67

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
111	KamlaBalan	Jhanjharpur	Bihar	49.00	50.00	53.01	10/07/2004	53.11	14/07/2019 :06	183	178	97.27
112	Adhwara	Sonebarsha	Bihar	80.85	81.85	83.00	11-09-2006	82.96	13/07/2019 :11	7	6	85.71
113	Kosi	Baltara	Bihar	32.85	33.85	36.40	15-08-1987	35.61	17/07/2019 :03	103	101	98.06
114	Kosi	Kursela	Bihar	29.00	30.00	32.10	07-09-1982	31.60	03/10/2019 :05	51	51	100.00
115	Ganga	Sahibgunj	Jharkhand	26.25	27.25	30.91	1998	28.58	03/10/19:19	49	48	97.96
116	Mahananda	Taibpur	Bihar	65.00	66.00	67.22	1968	66.75	13/07/2019 :03	47	43	91.49
117	Mahananda	Dhengraghat	Bihar	34.65	35.65	38.20	14-08-2017	37.18	15/07/2019 :05	38	38	100.00
118	Mahananda	Jhawa	Bihar	30.40	31.40	34.07	14-08-2017	33.10	17/07/2019 :02	69	66	95.65
119	Parwan	Araria	Bihar	46.00	47.00	49.40	14-08-2017	48.48	14/07/2019 :15	113	111	98.23
120	Ganga	Farakka	West Bengal	21.25	22.25	25.14	07-09-1998	24.37	02/10/19:11	122	118	96.72
121	Mayurakshi	Massanjore Dam	Jharkhand	FRL121.31				118.78	02/12/2019 :03	8	6	75.00
122	Mayurakshi	Tilpara Barrage	West Bengal	FRL62.79				62.87	31/07/2019 :11	3	3	100.00
123	Mayurakshi	Narayanpur	West Bengal	26.99	27.99	29.69	27-09-1995	25.04	01/10/2019 :09	0	0	-
124	Ashranadi	Sikatia Barrage	Jharkhand	FRL170.1				161.76	29/09/2019 :12	0	0	-
125	Ajoy	Gheropara	West Bengal	38.42	39.42	43.94	27-09-1978	38.41	01/10/2019 :03	2	1	50.00
126	Damodar	Tenughat Dam	Jharkhand	FRL268.83				260.80	24/10/2019 :10	20	19	95.00
127	Barakar	Tilaiya Dam	Jharkhand	FRL372.46				368.55	29/10/2019 :06	3	3	100.00
128	Konar	Konar Dam	Jharkhand	FRL427.93				425.87	10/11/2019 :06	2	1	50.00
129	Damodar	Panchet Dam	Jharkhand	FRL132.59				129.24	01/10/2019 :15	36	34	94.44
130	Barakar	Maithon Dam	Jharkhand	FRL150.88				150.04	08/11/2019 :06	22	20	90.91
131	Damodar	Durgapur Barrage	West Bengal	FRL64.47				64.47	30/11/2019 :21	31	31	100.00
132	Anjanwa	Sundar Dam	Jharkhand	FRL110.68				107.67	11/11/2019 :06	0	0	-
133	Mundeshwari	Harinkhola	West Bengal	11.80	12.80	14.58	29-09-1978	11.80	01/10/2019 :09	0	0	-
134	Kangsabati	Hinglow Dam	West Bengal	FRL97.84				98.35	26/09/2019 :13	0	0	
135	Kangsabati	Kangsabati Dam	West Bengal	FRL134.11				131.58	27/12/2019 :06	14	12	85.71
136	Kangsabati	Mohanpur	West Bengal	24.73	25.73	29.87	02-09-1978	20.24	30/09/2019 :06	0	0	-

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2 b. Brahmaputra Basin</b>												
137	Siang	Yingkiang	Arunachal Pradesh	303.00	304.00			272.30	13/07/2019 :06	0	0	-
138	siang	Passighat	Arunachal Pradesh	152.96	153.96	157.54	11-06-2000	154.04	13/07/2019 :07	29	29	100.00
139	Lohit	Dholla Bazaar	Assam	127.27	128.27	130.07	22-09-2012	127.77	11/07/2019 :21	8	8	-
140	Brahmaputra	Dibrugrah	Assam	104.70	105.70	106.48	03-09-1998	105.54	12/07/2019 :05	56	56	100.00
141	Noa-Dehing	Namsai	Arunachal Pradesh	144.80	145.80	146.60	31-08-1974	144.11	31/07/2019 :15	1	1	100.00
142	Burhidihing	Naharkatia	Assam	119.40	120.40	122.69	17-06-1973	118.65	12/07/2019 :03	0	0	-
143	Burhidihing	Khwong	Assam	101.11	102.11	104.16	02-09-2015	102.86	13/07/2019 :10	20	20	100.00
144	Desang	Nanglamoragh	Assam	93.46	94.46	96.49	06-09-1998	95.34	04/08/2019 :05	58	57	98.28
145	Dikhow	Shivsagar	Assam	91.40	92.40	94.23	01-08-2018	92.93	10/07/2019 :12	50	50	100.00
146	Brahmaputra	Neamatighat	Assam	84.04	85.04	87.37	11-07-1991	87.13	13/07/2019 :00	149	148	99.33
147	Subansiri	Choldhowaghat	Assam	99.43	100.43	101.31	27-07-1972	96.8	17/09/2019 :12	0	0	-
148	Ranganadi	N H Crossing Ranganadi	Assam	93.81	94.81	95.92	02-07-1979	94.69	10/07/2019 :07	34	33	97.06
149	Subansiri	Badatighat	Assam	81.53	82.53	86.21	28-07-1972	83	14/07/2019 :00	21	21	100.00
150	Dhansiri (S)	Golaghat	Assam	88.50	89.50	92.45	11-10-1986	89.96	29/10/2019 :12	15	15	100.00
151	Dhansiri (S)	Numaligarh	Assam	76.42	77.42	80.16	02-08-2018	78.93	30/10/2019 :01	244	244	100.00
152	Jiabharali	Jiabharali_NTX	Assam	76.00	77.00	78.50	26-07-2007	78.09	09/07/2019 :13	523	519	99.24
153	Brahmaputra	Tezpur	Assam	64.23	65.23	66.59	27-08-1988	66.35	15/07/2019 :11	70	69	81.25
154	Kopilli	Kampur	Assam	59.50	60.50	61.79	20-07-2004	61.7	28/10/2019 :12	16	13	97.50
155	Kopilli	Dharmatul	Assam	55.00	56.00	58.09	21-07-2004	56.88	18/07/2019 :01	40	39	97.50
156	Brahmaputra	Guwahati	Assam	48.68	49.68	51.46	21-07-2004	51.23	16/07/2019 :17	34	34	100.00
157	Puthimari	Puthimari _NHX	Assam	50.81	51.81	55.08	31-08-2008	54.77	12/07/2019 :16	169	169	100.00
158	Pagladiya	Pagladia_NTX	Assam	51.75	52.75	55.45	08-07-2004	52.93	16/07/2019 :07	60	60	100.00
159	Manas	Mathanguri	Assam	98.10	99.10	100.28	13-10-1973	97.86	25/07/2019 :08	0	0	-

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
160	Beki	Beki NHX	Assam	44.10	45.10	46.20	04-08-2000	45.86	04/07/2019 :23	190	190	100.00
161	Manas	Manas NHX	Assam	47.81	48.42	50.08	15-09-1984	49.41	24/07/2019 :05	36	36	100.00
162	Brahmaputra	Goalpara	Assam	35.27	36.27	37.43	31-07-1954	35.35	17/07/2019 :08	42	42	100.00
163	Gaurang	Kokrajhar	Assam	41.85	42.85	43.60	20-08-2015	43.4	23/07/2019 :18	36	36	100.00
164	Brahmaputra	Dhubri	Assam	27.62	28.62	30.36	28/08/1988	30.37	17/07/2019 :22	133	133	100.00
165	Sankosh	Golakganj	Assam	28.94	29.94	30.95	08-09-2007	30.15	15/07/19:10	31	28	90.32
166	Raidak-I	Tufanganj	West Bengal	34.22	35.30	36.50	12-08-2017	35.96	24/07/19:08	21	18	85.71
167	Jaldhaka	NH-31	West Bengal	80.00	80.90	81.33	28-08-1972	80.13	16/07/19:10	14	14	100.00
168	Torsa	Hasimara	West Bengal	116.30	116.90	118.50	13-07-1996	116.28	25/06/19:06	0	0	-
169	Torsa	Ghughumari	West Bengal	39.80	40.41	41.46	03-08-2000	40.30	18/07/19:10	28	26	92.86
170	Jaldhaka	Mathabhanga	West Bengal	47.70	48.20	49.85	07-09-2007	48.30	24/07/19:15	6	6	100.00
171	Tista	Domohani	West Bengal	85.65	85.95	89.30	14-10-1968	86.18	12/07/19:15	47	45	95.74
172	Tista	Mekhliganj	West Bengal	65.45	65.95	66.45	13-07-1996	65.87	12/07/19:21	17	14	82.35
173	Teesta	Malli Bazaar	Sikkim	223.00	224.00	225.25		217.06	17/09/2019 :00	0	0	-
174	Teesta	Joretahang(Rotha	Sikkim	350.60	351.60	353.20		348.16	17/09/2019 :13	0	0	-
175	Teesta	Singtam	Sikkim	377.07	377.57	379.17		374.94	15/09/2019 :00	0	0	-
176	Teesta	Teesta-III HEP Dam Chungtang	Sikkim	1585.00				1584.3	09/10/2019 :07	0	0	-
177	Teesta	Teesta V HEP Dam Singtam	Sikkim	579.00				573.6	06/10/2019 :20	0	0	-
178	Rongpo	Rongpo Dam	Sikkim	909.00				-	-	0	0	-
179	Rongli	Rongli Dam	Sikkim	909.00				-	-	0	0	-
180	Rangit	Rangit-III HEP	Sikkim	639.12				639.12	14/10/2019 :17	0	0	-
<b>2 c. Barak&amp; Others</b>												
181	Barak	APGhat	Assam	18.83	19.83	21.84	01-08-1989	20.33	14/07/2019 :03	29	29	100.00
182	Katakhal	Matizuri	Assam	19.27	20.27	22.73	10-09-2007	22.36	15/07/2019 :06	15	15	100.00
183	Barak	Badarpurghat	Assam	15.85	16.85	18.48	11-09-2007	17.65	14/07/2019 :16	41	41	100.00
184	Kushiyara	Karimganj	Assam	13.94	14.94	16.57	10-06-2010	16.17	14/07/2019 :05	63	63	100.00

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Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
185	Manu	Kailashar	Tripura	24.34	25.34	25.95	13-06-2018	23.77	14/06/2019 :23	0	0	-
186	Gumti	Sonamura	Tripura	11.50	12.50	14.42	23-07-1993	11.28	16/07/2019 :02	0	0	-
<b>3. Godavari Basin</b>												
187	Godavari	Nasik	Maharashtra	558.10	559.60	563.01	02-08-2016	562.51	04-08-2019 15:00	9	7	77.78
188	Godavari	N M D Weir	Maharashtra	FRL533.5				535.78	04-08-2019 21:00	0	0	-
189	Godavari	Kopergaon	Maharashtra	490.90	493.68	499.17	1969	496.67	05-08-2019 13:00	16	6	37.50
190	Mula	Mula Dam	Maharashtra	FRL552.3				552.3	15-10-2019 06:00	0	0	-
191	Godavari	Jaikwadi Dam	Maharashtra	FRL463.91				463.91	21-09-2019 2100	9	4	44.44
192	Sindhpana	Manjlegaon	Maharashtra	FRL431.8				430.6	31-10-2019 06:00	2	0	0.00
193	Godavari	Gangakhed	Maharashtra	374.00	375.00	377.57	1947	370.43	26-10-2019 11:00	0	0	0.00
194	Puma	Yeldari Dam	Maharashtra	FRL461.77				457.84	31-10-2019 06:00	2	0	0.00
195	Godavari	Nanded	Maharashtra	353.00	354.00	357.10	06-08-2006	349.10	26-10-2019 13:00	0	0	0.00
196	Karanja	Karanja Dam	Karnataka	FRL584.15				578.44	01-06-2019 06:00	0	0	-
197	Manjira	Singur Dam	Telangana	FRL523.6				511.45	31-10-2019 06:00	0	0	-
198	Manjira	Nizamsagar Dam	Telangana	FRL428.24				423.5	31-10-2019 06:00	0	0	-
199	Godavari	SriramSagar	Telangana	FRL332.54				332.54	21-10-2019 09:00	17	5	29.41
200	Kaddamvagu	Kaddam Dam	Telangana	FRL 213.36				213.24	27-10-2019 06:00	0	0	-

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
201	Godavari	SripadaYellampally Dam	Telangana	FRL 148				147.89	16-10-2019 06:00	6	4	66.67
202	Wainganga	Upper Wainganga Project	Madhya Pradesh	FRL519.38				519.38	28/10/2019 :06	0	0	-
203	Pench	Totladoh Project	Madhya Pradesh	FRL490				490	19/09/2019 :07	0	0	-
204	Wainganga	Bhandara	Maharashtra	244.00	244.50	250.90	16-09-2005	246.84	10/09/2019 :12	3	3	100.00
205	Wainganga	Goshikhurd Dam	Maharashtra	FRL=245.5				244.30	28/09/2019 :08	10	8	80.00
206	Wainganga	Pauni	Maharashtra	226.73	227.73	237.12	07-09-1994	227.75	09/09/2019 :15	2	0	0.00
207	Wardha	Upper Wardha Project	Maharashtra	FRL342.5				342.5	10/09/2019 :07	0	0	-
208	Penganga	Issapur/Upper Penganga Project	Maharashtra	FRL441				438.81	03/12/2019 :07	0	0	-
209	Wardha	Balharsha	Maharashtra	171.50	174.00	176.45	14-08-1986	168.92	04/08/2019 :14	0	0	-
210	Wardha	Sirpur Town	Telangana	159.95	160.95	161.34	18-08-2018	159.25	04/08/2019 :20	0	0	
211	Godavari	Kaleswaram	Telangana	103.50	104.75	107.05	15-08-1986	102.48	08-09-2019 09:00	0	0	-
212	Indravathi	Upper Indravathi Project	Odisha	FRL642				641.26	06-09-2019 08:00	2	0	0.00
213	Indravati	Jagdalpur	Chhattisgarh	539.50	540.80	544.68	09-07-1973	542.22	30-07-2019 22:00	41	33	80.49
214	Godavari	Eturunagaram	Telangana	73.32	75.82	77.66	24-08-1990	74.705	08-09-2019 10:00	21	14	66.67
215	Godavari	Dummagudam	Telangana	53.00	55.00	60.25	15-08-1986	54.48	08-09-2019 23:00	10	7	70.00
216	Godavari	Bhadrachalam	Telangana	45.72	48.77	55.66	16-08-1986	48.22	09-09-2019 01:00	20	10	50.00
217	Kolab	Kolab Project	Odisha	FRL858				857.27	31-10-2019 17:00	0	0	-
218	Machhkund	Machhkund Project	Odisha	FRL838.2				838.02	06-09-2019 17:00	0	0	-

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
219	Balimela	Balimela Project	Odisha	FRL462.07				462.05	27-10-2019 06:00	0	0	-
220	Sabari	Chinturu	Andhra Pradesh	41.50	43.50	40.45	20-08-2018	41.45	09-08-2019 18:00	0	0	-
221	Godavari	Kunavaram	Andhra Pradesh	37.74	39.24	51.30	16-08-1986	40.58	09-08-2019 23:00	25	14	56.00
222	Godavari	Rajamundry	Andhra Pradesh	17.68	19.51	20.48	16-08-1986	17.50	10-09-2019 01:00	0	0	-
223	Godavari	Dowalaiswaram	Andhra Pradesh	14.25	16.08	18.36	16-08-1986	15.43	10-08-2019 01:00	33	28	84.85
224	Godavari	Atreyapuram	Andhra Pradesh	14.00	15.50	18.36	22-08-2018	12.89	10-08-2019 08:00	0	0	-
225	Koyna	Koyna Dam	Maharashtra	FRL659.43				659.43	02/10/2019 :08	27	10	37.04
226	Warana	Warana Dam	Maharashtra	FRL626.9				626.9	26/09/2019 :08	8	0	0.00
<b>4. Krishna Basin</b>												
227	Krishna	Arjunwad	Maharashtra	542.07	543.29	543.69	05-08-2005	544.28	09/08/2019 :02	8	2	25.00
228	Krishna	Hippargi Dam	Karnataka	FRL531.4				530.15	12/08/2019 :08	55	43	78.18
229	Ghataprabha	Hidkal Dam	Karnataka	FRL662.94				663.19	30/11/2019 :08	37	22	59.46
230	Krishna	Alamati Dam	Karnataka	FRL519.6				519.60	23/08/2019 :00	75	64	85.33
231	Malaprabha	Malaprabha Dam	Karnataka	FRL633.83				633.83	12/08/2019 :08	20	13	65.00
232	Krishna	Narayanpur Dam	Karnataka	FRL492.25				492.25	28/08/2019 :20	102	78	76.47
233	Nira	Veer Dam	Maharashtra	FRL579.85				579.85	15/08/2019 :08	25	14	56.00
234	Bhima	Ujjani Dam	Maharashtra	FRL497.33				497.27	20/08/2019 :08	29	17	58.62
235	Bhima	Deongaon	Karnataka	402.00	404.50	407.34	13-08-2006	405.80	10/08/2019 :00	10	3	30.00
236	Krishna	Priyadarshini	Telangana	FRL318.52				318.51	21/08/2019 :07	145	73	50.34
237	Tunga	Upper Tunga	Karnataka	FRL 588.24				588.24	14/08/2019 08	136	121	88.97
238	Bhadra	Bhadra Dam	Karnataka	FRL 657.75				657.76	21/10/2019 :08	105	94	89.52

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
239	Tungabhadra	Tungabhadra Dam	Karnataka	FRL497.74				497.74	15/08/2019 :08	165	110	66.67
240	Krishna	Singatalur Barrage	Karnataka	FRL507				506.9	30/07/2019 :08	146	112	76.71
241	Tungabhadra	Mantralayam	Andhra Pradesh	310.00	312.00	318.77	02-10-2009	312.9	12/08/2019 :19	28	21	75.00
242	Tungabhadra	Sunkesula	Andhra Pradesh	FRL 292				292.00	14/09/2019 :15	113	59	52.21
243	Tungabhadra	Kurnool	Andhra Pradesh	273.00	274.00	281.22	02-10-2009	274.48	13/08/2019 :08	8	0	0.00
244	Krishna	Srisailam Dam	Andhra Pradesh	FRL269.75				273.25	21/08/2019 :09	164	111	67.68
245	Musi	Musi Project	Telangana	FRL196.6				196.52	03/10/2019 :08	0	0	
246	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	FRL 53.34				53.34	08/09/2019 :10	150	72	48.00
247	Krishna	Prakasham Barrage	Andhra Pradesh	FRL18.3				19.28	17/08/2019 :02	141	79	56.03
248	Krishna	Avanigadda	Andhra Pradesh	9.00	11.00	11.87	05-10-2009	10.35	17/08/2019 :13	5	2	40.00
<b>5. Cauvery Basin</b>												
249	Harangi	Harangi Dam	Karnataka	FRL 871.42				871.19	19/10/2019 :08	23	18	78.26
250	Hemavathy	Hemavathy Dam	Karnataka	FRL 890.63				890.62	09/11/2019 :08	94	88	93.62
251	Kabini	Kabini Dam	Karnataka	FRL 696.16				696.16	28/08/2019 :08	68	67	96.03
252	Cauvery	Krishnarajasagar	Karnataka	FRL 752.49				752.49	22/11/2019 :08	126	121	98.53
253	Cauvery	Mettur Dam	Tamilnadu	FRL240.79				241.08	09/09/2019 :08	160	157	96.03
254	Bhavani	Bhavanisagar Dam	Tamilnadu	FRL280.42				280.41	02/12/2019 :08	85	73	85.88
255	Bhavani	Savandapur	Tamilnadu	184.50	185.50	187.75	17-08-2018	184.5	02/12/2019 :23	1	1	100.00
256	Cauvery	Kodumudi	Tamilnadu	125.50	126.50	128.14	17-08-2018	125.62	10/09/2019 :16	3	3	100.00
257	Kodaganar	Kodaganar Dam	Tamilnadu	200.25				192	01/06/2019 :08	0	0	
258	Cauvery	Musiri	Tamilnadu	82.11	83.11	86.98	25-11-2005	82.82	11/09/2019 :05	13	13	100.00

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
259	Cauvery	Grand Anicut	Tamilnadu	FRL59.21				64.31	01/06/2019 :08	131	125	95.42
260	Cauvery	Upper Anicut	Tamilnadu	FRL75.05				155.42	11/09/2019 :08	131	123	93.89
<b>6. Subarnarekha</b>												
261	Subarnarekha	Getlasud Dam	Jharkhand	FRL590.24				588.75	26/10/2019 :08	0	0	-
262	Subernarekna	Chandil Dam	Jharkhand		FRL 192			181.30	28/09/2019 :08	0	0	-
263	Subarnarekha	Galudih Barrage	Jharkhand	FRL94.5				93.8	07/08/2019 :08	0	0	-
264	Subernarekna	Jamshedpur	Jharkhand	122.50	123.50	129.82	12-10-1973	121.5	26/10/2019 :00	0	0	-
265	Subernarekna	Rajghat	Odisha	9.45	10.36	12.69	19-06-2008	9.58	27/10/2019 :09	1	1	100.00
266	Jalaka	Mathani Road Bridge	Odisha	5.50	5.50	6.80		6.57	26/09/2019 :08	50	43	86.00
267	Burhabalang	NH_5_Road Bridge	Odisha	7.21	8.13	9.50	12-10-1973	6.72	19/08/2019 :09	0	0	-
<b>7. Brahmani and Baitarani</b>												
268	Salandi	Salandi Dam	Odisha	FRL82.3				77.5	02/10/2019 :08	0	0	-
269	Baitarni	Anandpur	Odisha	37.44	38.36	41.35	23-09-2011	36.86	19/08/2019 :11	0	0	-
270	Baitarni	Akhuapada	Odisha	17.33	17.83	21.95	16-08-1960	18.15	08/09/2019 :00	21	21	100.00
271	Brahmani	Rengali Dam	Odisha		FRL 123.5			124.34	10/10/2019 :17	0	0	-
272	Brahmani	Jenapur	Odisha	22.00	23.00	24.78	20-08-1975	21.56	09/09/2019 :00	0	0	-
<b>8. Mahanadi Basin</b>												
273	Mahanadi	Ravishankar Dam	Chhattisgarh	FRL348.7				346.66	31/10/2019 :08	2	1	50.00
274	Hasdeo	Bango Dam	Chhattisgarh	FRL359.66				358.18	04/10/2019 :08	0	0	-
275	Mahanadi	Hirakud Dam	Odisha		FRL192.02			192.02	25/09/2019 :16	65	63	96.92
276	Mahanadi	Naraj	Odisha	25.41	26.41	27.61	31-08-1982	26.33	10/09/2019 :01	14	13	92.86
277	Mahanadi	Alipingal Devi	Odisha	10.85	11.76	13.11	11-09-2011	11.08	15/08/2019 :12	1	1	100.00
278	Mahanadi	Nimapara	Odisha	9.85	10.76	11.60	31-08-1982	9.76	15/08/2019 :18	0	0	-
<b>9. Pennar Basin</b>												
279	North Pennar	Somasila Dam	Andhra Pradesh		FRL 100.58			100.55	31/10/2019 :08	30	24	80.00
280	Pennar	Nellore	Andhra Pradesh	15.91	17.28	18.70	30-11-1882	13.72	17/11/2019 :08	0	0	-

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Table 3.3 Flood Forecasting Information in India during Flood Season, 2019

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY			
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>10. Mahi Basin</b>												
281	Mahi	Mahi Bajajsagar Dam	Rajasthan	FRL 281.5				281.50	14/10/19 2100	3	0	0.00
282	SomKamla	Som Kamla Amba Dam	Rajasthan	FRL 212.5				213.55	01/10/19 1600	1	0	0.00
283	Mahi	Kadana Dam	Gujarat	FRL126.19				127.71	11/10/19 0300	6	0	0.00
284	Panam	Panam Dam	Gujarat	FRL 121.41				127.41	04/10/19 1500	0	0	-
285	Mahi	Wanakbori	Gujarat	71.93	74.98	76.10	12-08-2006	73.38	14/09/19 0900	0	0	-
<b>11. Sabarmati Basin</b>												
286	Sabarmati	Dharoi Dam	Gujarat	FRL187.45				189.570	09/10/19 2200	2	0	0.00
287	Sabarmati	Ahmedabad Shubhash Bridge	Gujarat	44.09	45.34	47.45	19-08-2006	42.4	01/10/19 1900	0	0	-
<b>12. Narmada Basin</b>												
288	Naramada	Mandla	Madhya Pradesh	437.20	437.80	439.40	15-07-1974	438.78	08/09/2019 :20	28	27	96.43
289	Narmada	Barna Dam	Madhya Pradesh	FRL348.55				348.7	04/09/2019 :20	37	0	0.00
290	Narmada	Bargi Dam	Madhya Pradesh	FRL422.76				423.05	29/09/2019 :07	38	1	2.63
291	Narmada	Tawa Dam	Madhya Pradesh	FRL355.39				355.54	20/10/2019 :07	37	0	0.00
292	Naramada	Hoshangabad	Madhya Pradesh	292.80	293.80	301.33	27-08-1972	294.60	11/09/2019 :00	25	25	100.00
293	Narmada	Indira Sagar Dam	Madhya Pradesh	FRL262.13				289.69	12/08/2019 :02	38	3	7.89
294	Narmada	Omkareshwar Dam	Madhya Pradesh	FRL201.16				193.43	22/10/2019 :11	39	0	0.00
295	Narmada	SardarSarovar Dam	Gujarat	FRL138.38				138.68	15/09/2019 :19	130	130	100.00
296	Naramada	Garudeswar	Gujarat	30.48	31.09	41.65	06-09-1970	29.58	11/09/19:03	0	0	-

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
297	Naramada	Bharuch	Gujarat	6.71	7.31	12.65	07-09-1970	9.72	11/09/19:10	51	51	100.00
<b>13. Tapi Basin</b>												
298	Tapi	Hatnur Dam	Maharashtra	FRL212.02				214.10	23/10/19:11	127	127	100.00
299	Tapi	Ukai Dam	Gujarat	FRL102.41				105.17	07/10/19:23	103	102	99.03
300	Tapi	Surat	Gujarat	8.50	9.50	12.50	09-08-2006	8.00	10/08/19:23	0	0	-
<b>14. West Flowing Rivers from Tapi to Tadri</b>												
301	Damanganga	Madhuban Dam	Gujarat	FRL79.86				79.90	30/09/19:13	23	23	100.00
302	Damanganga	Vapi Town	Gujarat	18.20	19.20	23.76	03-08-2004	18.60	04/08/19:17	2	2	100.00
303	Damanganga	Daman	Daman & Diu	2.60	3.40	4.00	03-08-2004	2.60	03/08/19:16	1	1	100.00
<b>15. East Flowing Rivers between Mahanadi and Pennar</b>												
304	Rushikulya	Purushottampur	Odisha	15.83	16.83	19.65	04-11-1990	16.2	25-10-2019 02:00	4	3	75.00
305	Vamsadhara	Gunupur	Odisha	83.00	84.00	88.75	17-09-1980	85.32 07/08/2019 21:00	07-08-2019 21:00	11	9	81.82
306	Vamsadhara	Kashinagar	Odisha	53.60	54.60	58.93	18-09-1980	56.30	08-08-2019 00:00	64	62	96.88
307	Vamsadhara	Gotta Barrage	Andhra Pradesh	FRL34.84				38.15	24/10/2019 :00	5	5	100.00
308	Nagavali	Thottapalli Reservoir Scheme	Andhra Pradesh	FRL 105.00				104.99	07/08/2019 :05	0	0	-
309	Suwarnamukhi	Madduvalasa Reservoir	Andhra Pradesh	FRL65				64.89	11/10/2019 :13	0	0	-
310	Nagavali	Narayanapuram Anicut	Andhra Pradesh	FRL32.77				30.38	25/10/2019 :03	0	0	-
311	Nagavali	Srikakulam	Andhra Pradesh	10.17	10.80	14.53	12-05-1990	11.42	25/10/2019 :01	15	14	93.33

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**Table 3.3 Flood Forecasting Information in India during Flood Season, 2019**

Sl. No	Name of the River	Name of FF site	Name of State	Warning Level (m)	Danger Level (m)	Highest Flood Level		Maximum Level -2019		No. of Forecasts Issued	No. of Forecasts within Limits	Percentage of Accuracy
						Level (m)	Date/ Month/ Year	Level (m)	Date and Time DD/MM/YY)			
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>16. East Flowing Rivers between Pennar and Kanyakumari</b>												
312	Kosasthaliyar	PoondiSatyamurt hyRservoir	Tamilnadu	FRL42.67				41.08	02/11/2019 :00	1	0	0.00
313	Adyar	Chembarampakk am	Tamilnadu	FRL26.03				18.79	-	0	0	-
314	South Pennar	Sathnur Dam	Tamilnadu	FRL222.2				215.72	26/12/2019 :06	0	0	-
315	Gomukhinadi	Gomukhi Dam	Tamilnadu	183.18				182.57	30/10/2019 :07	0	0	-
316	PeriyarOdai	Wellington Dam	Tamilnadu	FRL72.54				68.20	16/12/2019 :06	2	1	50.00
317	Vaigai	Vaigai Dam	Tamilnadu	FRL279.2				278.57	09/12/2019 :06	44	42	95.45
318	Vaigai	Madurai	Tamilnadu	131.50	132.50	134.76	17-11-1997	131.24	11/11/2019 :10	0	0	-
<b>17. West Flowing Rivers of Kutch and Saurashtra including Luni</b>												
319	Banas	Abu Road	Rajasthan	258.00	259.00	265.40	31-08-1973	256.5	09/08/19 1300	0	0	-
320	Banas	Dantiwada Dam	Gujarat	FRL182.88				175.84	10/10/19 1400	0	0	-
<b>18. West Flowing Rivers from Tadri to Kanyakumari</b>												
321	Bharathapuzha	Kumbidi	Kerala	8.20	9.20	11.27	17-08-2018	11.2	10/08/2019 :06	6	4	66.67
322	Periyar	Idduki Dam	Kerala	FRL732.62				726.68	20/11/2019 :04	11	9	81.82
323	Edamalayar	Idamalayar	Kerala	FRL169				162.04	04/11/2019 :10	10	8	80.00
324	Periyar	Neeleswaram	Kerala	9.00	10.00	12.40	15-08-2018	9.41	08/08/2019 :20	1	1	100.00
325	Pamba	Malakkara	Kerala	6.00	7.00	9.58	16-08-2018	6.43	10/08/2019 :01	2	2	100.00
								Total Forecasts		9754	8451	86.64
								Level Forecasts		6004	5773	96.15
								Inflow Forecast		3750	2678	71.41

Source: FFM Directorate, CWC, M/o Jal Shakti

**Table 3.4: Flood Forecasting Performance from 2000 to 2019**

Year	No. of Level Forecasts Issued			No. of Inflow Forecasts Issued			Total No. of Forecasts Issued		
	Total	Within +/-15 cm of deviation from Actual	Accuracy (%)	Total	Within +/-20% cumecs of deviation from Actual	Accuracy (%)	Total	Within +/-15 cm or +/-20% cumecs of deviation from Actual	Accuracy (%)
1	2	3	4	5	6	7	8	9	10
2000	5622	5504	97.90	821	747	90.99	6443	6251	97.02
2001	4606	4533	98.42	857	809	94.40	5463	5342	97.79
2002	3618	3549	98.09	623	602	96.63	4241	4151	97.88
2003	5989	5789	96.66	611	586	95.91	6600	6375	96.59
2004	4184	4042	96.61	705	654	92.77	4889	4696	96.05
2005	4323	4162	96.28	1295	1261	97.37	5618	5423	96.53
2006	5070	4827	95.21	1593	1550	97.30	6663	6377	95.71
2007	6516	6339	97.28	1707	1651	96.72	8223	7990	97.17
2008	5670	5551	97.90	1021	1003	98.24	6691	6554	97.95
2009	3343	3298	98.65	667	629	94.30	4010	3927	97.93
2010	6491	6390	98.44	1028	988	96.11	7519	7378	98.12
2011	4848	4795	98.91	1143	1109	97.03	5991	5904	98.55
2012	4200	4136	98.47	831	803	96.63	5031	4939	98.17
2013	5741	5471	95.30	1319	1289	97.73	7060	6760	95.75
2014	3884	3804	97.94	888	863	97.18	4772	4667	97.80
2015	3500	3429	97.97	572	562	98.25	4072	3991	98.01
2016	4969	4891	98.43	1270	1057	83.23	6239	5948	95.34
2017	5085	4975	97.84	1212	926	76.40	6297	5901	93.71
2018	4969	4871	98.03	1882	1624	86.29	6851	6495	94.80
2019	6004	5773	96.15	3750	2678	71.41	9754	8451	86.64
<b>Average</b>	<b>4932</b>	<b>4806</b>	<b>97.45</b>	<b>1190</b>	<b>1070</b>	<b>89.92</b>	<b>6121</b>	<b>5876</b>	<b>96.00</b>

Source: FFM Directorate, CWC, M/o Jal Shakti

**Table 3.5: Site-wise ‘Forecast Performance’ of Flood Forecasting Sites of CWC in Flood Season, 2019**

Sl. No.	Details of Sites within different range of Permissible Limit of Accuracy (±15 cm, ±20% cumecs)	Flood Season, 2019	
		No. of Sites	% age
1	2	3	4
1	Sites with performance accuracy between 0.0 % to 25.0%	26	11.81%
2	Sites with performance accuracy between 25.1 % to 50.0%	20	9.09%
3	Sites with performance accuracy between 50.1 % to 75.0%	23	10.45%
4	Sites with performance accuracy between 75.1 % to 99.99%	75	34.09%
5	Sites with 100% performance accuracy i.e., where all forecasts issued were within permissible limit of accuracy	76	34.54%
<b>Total Sites where Forecasts were Issued</b>		<b>220</b>	<b>100</b>

Source: FFM Directorate, Central Water Commission, M/o Jal Shakti

**Table 3.6: Extreme Flood Events in India under CWC FF&W Network - 2019 Flood Season**

Sl. No	River	Station	State	Danger level (in m)	Existing Highest Flood Level (HFL)		New HFL		Duration	
					Level (in m)	Date of Occurrence	Level	Date and Time of Occurrence	From	To
1	2	3	4	5	6	7	8	9	10	11
1	Brahmaputra	Dhubri	Assam	28.62	30.36	28-08-1988	30.37	18/07/2019 0000	17/07/2019 1800	18/07/2019 0600
2	Kamla Balan	Jhanjarpur	Bihar	50.00	53.01	10-07-2004	53.11	14/07/2019 0700	14/07/2019 0400	14/07/2019 1300
3	Godavari	Nasik	Maharashtra	559.60	563.01	02-08-2016	563.51	04/08/2019 1600	04/08/2019 1300	04/08/2019 1800
4	Krishna	Arjunwad	Maharashtra	543.29	543.69	05-08-2005	544.28	09/08/2019 0200	08/08/2019 1200	10/08/2019 1500

Source: FFM Directorate, Central Water Commission, M/o Jal Shakti

Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Alaknanda	Srinagar	Uttarakhand	535.00	536.00	535.90	19/08/19:04	09/08/2019 04	09/08/2019 05	1	-	-	-
								18/08/2019 19	19/08/2019 05	2	-	-	-
2	Ganga	Rishikesh	Uttarakhand	339.50	340.50	340.90	19/08/19:02	18/08/2019 18	19/08/2019 17	2	19/08/2019 00	19/08/2019 07	1
3	Ganga	Haridwar	Uttarakhand	293.00	294.00	295.05	19/08/19:03	09/08/2019 12	09/08/2019 19	1	19/08/2019 00	19/08/2019 09	1
								13/08/2019 02	13/08/2019 03	1			
								18/08/2019 18	19/08/2019 17	2			
4	Mandakini	Ganganagar	Uttarakhand	803.00	804.00	801.5	19/08/19:07	-	-	-	-	-	-
5	Ganga	Kannauj	Uttar Pradesh	124.97	125.97	124.55	26/08/19:03	-	-	-	-	-	-
								-	-	-	-	-	-
6	Ganga	Ankinghat	Uttar Pradesh	123.00	124.00	122.99	26/08/19:04	-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
7	Ganga	Kanpur	Uttar Pradesh	112.00	113.00	111.66	26/08/19:09	-	-	-	-	-	-
								-	-	-	-	-	-
8	Ganga	Dalmau	Uttar Pradesh	98.36	99.36	97.85	27/08/19:09	-	-	-	-	-	-
9	Ganga	Phphamau	Uttar Pradesh	83.73	84.73	85.78	21/09/19:23	15/09/2019 06	25/09/2019 10	11	17/09/2019 16	24/09/2019 01	8
10	Ganga	Allahabad Chhatnag	Uttar Pradesh	83.73	84.73	85.09	21/09/19:23	16/09/2019 18	24/09/2019 03	9	20/09/2019 09	23/04/2019 04	4
11	Ganga	Mirzapur	Uttar Pradesh	76.72	77.72	77.98	22/09/19:01	16/09/2019 12	24/09/2019 14	9	20/09/2019 17	23/09/2019 12	4
12	Ganga	Varanasi	Uttar Pradesh	70.26	71.26	71.95	22/09/19:17	15/09/2019 13	26/09/2019 22	12	18/09/2019 09	24/09/2019 15	7

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
13	Ganga	Ghazipur	Uttar Pradesh	62.10	63.10	64.53	23/09/19:01	19/08/2019 21	24/08/2019 08	6	15/09/2019 04	01/10/2019 16	17
								13/09/2019 20	07/10/2019 13	25	-	-	-
								-	-	-	-	-	-
14	Ganga	Buxar	Bihar	59.32	60.32	60.92	22/09/19:15	20/08/2019 07	24/08/2019 05	5	16/09/2019 22	26/09/2019 06	11
								14/09/2019 07	06/10/2019 17	23			
15	Ganga	Ballia	Uttar Pradesh	56.62	57.62	59.94	24/09/19:01	19/08/2019 05	06/09/2019 20	19	19/08/2019 20	26/08/2019 13	8
								13/09/2019 03	12/10/2019 04	30	31/08/2019 06	03/09/2019 21	4
								-	-		13/09/2019 20	09/10/2019 23	27
16	Ganga	Patna Dighaghat	Bihar	49.45	50.45	50.94	30/09/19:14	20/08/2019 19	26/08/2019 14	7	17/09/2019 18	05/10/2019 13	19
								14/09/2019 14	09/10/2019 18	26	-	-	-
17	Ganga	Patna Gandhighat	Bihar	47.60	48.60	49.79	23/09/19:15	19/08/2019 14	28/08/2019 19	10	21/08/2019 07	25/08/2019 09	5
								30/08/2019 03	07/09/2019 00	9	15/09/2019 12	08/10/2019 06	24
								13/09/2019 11	11/10/2019 16	29	-	-	-
18	Ganga	Hathidah	Bihar	40.76	41.76	42.76	25/09/19:11	20/08/2019 12	29/08/2019 17	10	22/08/2019 13	26/08/2019 12	5
								31/08/2019 15	07/09/2019 00	8	16/09/2019 13	11/10/2019 05	26
								14/09/2019 15	15/10/2019 02	32	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
19	Ganga	Munger	Bihar	38.33	39.33	39.59	02/10/19:03	23/08/2019 09	26/08/2019 12	4	21/09/2019 22	05/10/2019 18	15
								17/09/2019 06	10/10/2019 23	24			
20	Ganga	Bhagalpur	Bihar	32.68	33.68	34.43	02/10/19:03	22/08/2019 03	28/08/2019 23	7	21/09/2019 09	09/10/2019 04	19
								16/09/2019 18	12/10/2019 11	27			
21	Ganga	Colgong/ Kahalgaon	Bihar	30.09	31.09	32.36	03/10/19:01	21/08/2019 02	30/08/2019 22	10	17/09/2019 22	12/10/2019 10	26
								03/09/2019 19	08/09/2019 14	6			
								15/09/2019 05	15/10/2019 20	31			
22	Ganga	Sahibgunj	Jharkhand	26.25	27.25	28.58	03/10/19:19	22/08/2019 07	25/08/2019 00	4	09/08/2019 11	09/08/2019 12	1
								28/08/2019 01	09/09/2019 03	13	25/08/2019 02	28/08/2019 01	4
								16/09/2019 02	16/10/2019 05	31	18/09/2019 11	12/10/2019 06	25
23	Ganga	Farakka	West Bengal	21.25	22.25	24.37	02/10/19:11	18/07/2019 01	22/07/2019 14	5	22/08/2019 20	30/08/2019 08	9
								20/08/2019 12	16/10/2019 19	58	17/09/2019 15	14/10/2019 06	28
24	Ramganga	Moradabad	Uttar Pradesh	189.60	190.60	189.33	20/08/19:10	-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
25	Ramganga	Bareilly	Uttar Pradesh	162.07	163.07	160.49	23/08/2019 08	-	-	-	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
26	Yamuna	Mawi	Uttar Pradesh	230.00	230.85	232.25	20/08/19:11	18/08/2019 19	23/08/2019 11	6	19/08/2019 11	21/08/2019 11	3
27	Yamuna	Delhi Rly Bridge	NCT Delhi	204.50	205.33	206.60	21/08/19:05	19/08/2019 08	23/08/2019 02	5	19/08/2019 18	22/08/2019 04	
28	Yamuna	Mathura	Uttar Pradesh	165.20	166.00	165.47	23/08/19:14	22/08/2019 00	24/08/2019 06	3			
29	Yamuna	Agra	Uttar Pradesh	151.40	152.40	150.91	23/08/2019 23	-	-	-	-	-	-
30	Yamuna	Etawa	Uttar Pradesh	120.92	121.92	121.22	19/09/2019 04	18/09/2019 08	19/09/2019 21	2			
31	Yamuna	Auraiya	Uttar Pradesh	112.00	113.00	117.36	19/09/2019 08	18/08/2019 00	20/08/2019 04	3	18/08/2019 09	19/08/2019 19	2
								15/09/2019 01	22/09/2019 01	8	15/09/2019 09	21/09/2019 18	7
32	Yamuna	Kalpi	Uttar Pradesh	107.00	108.00	112.26	19/09/2019 07	18/08/2019 05	20/08/2019 10	3	18/08/2019 15	20/08/2019 02	3
				107.00	108.00	112.26	19/09/2019 07	14/09/2019 20	22/09/2019 14	9	15/09/2019 09	22/09/2019 08	8
33	Yamuna	Hamirpur	Uttar Pradesh	102.63	103.63	106.79	20/09/2019 10	17/08/2019 23	20/08/2019 06	4	14/09/2019 13	22/09/2019 11	#####
								13/09/2019 01	22/09/2019 22	10			
34	Yamuna	Chilaghat	Uttar Pradesh	99.00	100.00	102.55	20/09/2019 14	14/09/2019 04	23/09/2019 04	10	15/09/2019 00	22/09/2019 18	8
35	Yamuna	Naini	Uttar Pradesh	83.74	84.74	85.67	21/09/19:00	15/09/2019 11	24/09/2019 20	10	18/09/2019 16	23/09/2019 19	6
36	Sahibi	Dhansa	NCT Delhi	211.44	212.44	209.50	20/08/19:08	-	-	-	-	-	-
37	Betwa	Mohana	Uttar Pradesh	121.66	122.66	122.32	17/08/2019 01	16/08/2019 16	17/08/2019 12	2	-	-	-
								14/09/2019 16	14/09/2019 22	1	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
38	Betwa	Sahjina	Uttar Pradesh	103.54	104.54	106.33	20/09/2019 05	14/09/2019 09	22/09/2019 10	9	15/09/2019 01	22/09/2019 01	8
39	Ken	Banda	Uttar Pradesh	103.00	104.00	103.65	19/09/2019 22	14/09/2019 04	14/09/2019 13	1	-	-	-
40	Gomati	Lucknow	Uttar Pradesh	108.50	109.50	106.23		19/09/2019 12	20/09/2019 19	2	-	-	-
41	Gomati	Jaunpur	Uttar Pradesh	73.07	74.07	73.43	29/09/19:00	28/09/2019 22	29/09/2019 19	2	-	-	-
42	SAI	Rai Bareli	Uttar Pradesh	100.00	101.00	100.60		30/09/2019 00	30/09/2019 19	1	-	-	-
43	Ghaghra	Elgin Bridge	Uttar Pradesh	105.07	106.07	106.67	07/09/19:00	28/09/2019 05	01/10/2019 23	4	-	-	-
								10/07/2019 21	20/07/2019 10	11	06/08/2019 03	07/08/2019 04	2
								25/07/2019 07	09/10/2019 13	77	08/08/2019 02	10/08/2019 07	3
								-	-	15/08/2019 18	20/08/2019 06	6	
								-	-	21/08/2019 08	22/08/2019 12	2	
								-	-	07/09/2019 07	12/09/2019 06	6	
								-	-	13/09/2019 20	22/09/2019 02	10	

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
44	Ghaghra	Ayodhya	Uttar Pradesh	91.73	92.73	92.99	17/09/19:00	12/07/2019 22	18/07/2019 17	7	09/09/2019 12	12/09/2019 11	4
								19/07/2019 18	20/07/2019 03	2	15/09/2019 11	22/09/2019 07	8
								26/07/2019 11	29/07/2019 07	4	-	-	-
								30/07/2019 22	07/10/2019 03	70	-	-	-
								-	-	-	-	-	-
45	Ghaghra	Turtipar	Uttar Pradesh	63.01	64.01	64.16	22/09/19:00	13/07/2019 07	23/07/2019 03	11	18/09/2019 12	23/09/2019 14	6
								27/07/2019 07	31/07/2019 15	5	-	-	-
								05/08/2019 22	01/09/2019 20	28	-	-	-
								05/09/2019 04	10/10/2019 21	6	-	-	-
46	Ghaghra	Darauli	Bihar	59.82	60.82	60.86	23/09/19:05	14/07/2019 11	19/07/2019 05	6	21/09/2019 15	23/09/2019 10	3
								28/07/2019 10	31/07/2019 13	4	-	-	-
								06/08/2019 15	28/08/2019 05	23	-	-	-
								30/08/2019 19	01/09/2019 03	3	-	-	-
								06/09/2019 03	09/10/2019 13	34	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
47	Ghaghra	Gangpur Siswan	Bihar	56.04	57.04	57.37	23/09/19:04	14/07/2019 20	19/07/2019 11	6	19/09/2019 15	25/09/2019 08	7
								10/08/2019 11	13/08/2019 02	4	-	-	-
								19/08/2019 17	26/08/2019 14	8	-	-	-
								11/09/2019 08	09/10/2019 22	29	-	-	-
48	Ghaghra	Chhapra	Bihar	52.68	53.68	53.25	24/09/19:11	22/09/2019 06	28/09/2019 14	7	-	-	-
								29/09/2019 21	04/10/2019b 01	6	-	-	-
49	Rapti	Balrampur	Uttar Pradesh	103.62	104.62	105.08	15/07/2019 15	24/06/2019 07	26/06/2019 16	3	24/06/2019 21	25/06/2019 06	2
								10/07/2019 07	19/07/2019 06	10	14/07/2019 07	17/07/2019 10	4
								24/07/2019 21	27/07/2019 16	4	-	-	-
								12/09/2019 19	14/09/2019 04	3	-	-	-
								19/09/2019 09	21/09/2019 11	3	-	-	-
50	Rapti	Bansi	Uttar Pradesh	83.90	84.90	84.22	18/07/2019 14	14/07/2019 15	20/07/2019 02	7	-	-	-
51	Rapti	Birdghat	Uttar Pradesh	73.98	74.98	73.95	16/07/19:00	15/07/2019 06	15/07/2019 07	1	-	-	-
52	Sone	Inderpuri	Bihar	107.20	108.20	105.30	30/09/19:00	-	-	-	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
53	Sone	Koelwar	Bihar	54.52	55.52	53.74	30/09/19:20	-	-		-	-	-
								21/08/2019 00	25/08/2019 16	5	16/09/2019 12	06/10/2019 08	24
								14/09/2019 05	09/10/2019 11	26			
54	Sone	Maner	Bihar	51.00	52.00	52.87	24/09/19:04						
								21/08/2019 21	23/08/2019 07	3	29/09/2019 00	09/10/2019 09	11
								21/09/2019 03	25/09/2019 19	5	-	-	-
								28/09/2019 07	10/10/2019 20	13	-	-	-
56	Yamuna	Karnal Bridge	Haryana	248.80	249.50	248.94	19/08/19:16	19/08/2019 05	20/08/2019 02	2	-	-	-
57	Yamuna	Paonta Sahib	Himachal Pradesh	383.50	384.50	384.5	18/08/19:11	18/08/2019 12	18/08/2019 22	1	18/08/2019 11	18/08/2019 12	1
58	Gandak	Khadda	Uttar Pradesh	95.00	96.00	95.78	18/09/2019 04	10/07/2019 12	11/07/2019 15	2	-	-	-
								12/07/2019 16	14/07/2019 21	3	-	-	-
								15/07/2019 19	17/07/2019 10	3	-	-	-
								24/07/2019 08	25/07/2019 21	2	-	-	-
								03/08/2019 22	05/08/2019 12	3	-	-	-
								25/08/2019 22	26/08/2019 14	2	-	-	-
								07/09/2019 15	10/09/2019 13	4	-	-	-
								11/09/2019 08	25/09/2019 06	15	-	-	-
								26/09/2019 16	30/09/2019 07	5	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
59	Ganga	Fathegarh	Uttar Pradesh	136.60	137.60	137.34	25/08/19:05	10/08/2019 23	12/08/2019 16	3	-	-	-
								13/08/2019 07	31/08/2019 21	19	-	-	-
								09/09/2019 01	15/09/2019 07	7	-	-	-
								04/10/2019 19	06/10/2019 12	3	-	-	-
60	Ganga	Dabri	Uttar Pradesh	136.30	137.30	135.80	24/08/2019 06	-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
61	Ganga	Garhmuktheswar	Uttar Pradesh	198.33	199.33	198.67	21/08/19:20	04/08/2019 12	05/08/2019 12	2	-	-	-
								08/08/2019 01	09/08/2019 15	2	-	-	-
								10/08/2019 14	12/08/2019 07	3	-	-	-
								13/08/2019 17	23/08/2019 05	11	-	-	-
								07/09/2019 00	07/09/2019 12	1	-	-	-
								08/09/2019 01	09/09/2019 07	2	-	-	-

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
62	Ganga	Kachla Bridge	Uttar Pradesh	161.00	162.00	162.63	21/08/2019 20	13/07/2019 08	21/07/2019 20	9	06/08/2019 04	06/08/2019 17	1
								03/08/2019 12	20/09/2019 03	49	08/08/2019 20	11/08/2019 07	4
								30/09/2019 10	22/10/2019 17	22	12/08/2019 01	26/08/2019 00	15
								-	-	-	28/08/2019 21	29/08/2019 19	2
								-	-	-	07/09/2019 23	11/09/2019 22	5
								-	-	-	02/10/2019 15	04/10/2019 19	3
63	Gandak	Chatia	Bihar	68.15	69.15	66.80	20/09/2019 18	-	-	-	-	-	-
64	Gandak	Rewaghat	Bihar	53.41	54.41	53.79	20/09/19:22	16/07/2019 00	16/07/2019 07	1	-	-	-
								07/08/2019 00	07/08/2019 01	1	-	-	-
								18/09/2019 17	22/09/2019 17	5	-	-	-
								28/09/2019 05	29/09/2019 10	2	-	-	-
65	Gandak	Hazipur	Bihar	49.32	50.32	49.81	21/09/19:03	17/09/2019 16	04/10/2019 02	18	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
66	BurhiGandak	Lalbeghiaghata	Bihar	62.20	63.20	63.65	17/07/2019 19	14/07/2019 00	02/08/2019 18	20	15/07/2019 19	21/07/2019 05	7
								-	-		25/07/2019 14	25/07/2019 15	1
								-	-				

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
67	BurhiGandak	Muzaffarpur (Sikandarpur)	Bihar	51.53	52.53	52.69	21/07/2019 01	16/07/2019 00	05/08/2019 00	21	19/07/2019 01	23/07/2019 11	5
								-	-	-	-	-	-
								-	-	-	-	-	-
68	BurhiGandak	Samastipur	Bihar	45.02	46.02	46.73	27/07/2019 00	18/07/2019 01	07/08/2019 18	21	20/07/2019 15	04/08/2019 12	16
								-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
								-	-	-	-	-	-
69	BurhiGandak	Rosera	Bihar	41.63	42.63	44.12	23/07/2019 08	17/07/2019 12	09/08/2019 08	24	19/07/2019 00	08/08/2019 03	21
70	BurhiGandak	Khagaria	Bihar	35.58	36.58	38.28	03/10/2019 00	21/08/2019 06	07/09/2019 04	18	22/08/2019 23	27/08/2019 17	6
				35.58	36.58	38.28	03/10/2019 00	15/09/2019 05	14/10/2019 21	30	17/09/2019 08	11/10/2019 21	25
71	Bagmati	Benibad	Bihar	47.68	48.68	49.13	15/07/2019 13	11/07/2019 19	10/08/2019 18	31	12/07/2019 19	01/08/2019 00	21
								01/09/2019 18	02/09/2019 18	2	07/09/2019 23	08/09/2019 12	2
								07/09/2019 12	13/09/2019 05	7	18/09/2019 16	22/09/2019 03	5
								14/09/2019 07	17/09/2019 07	4	23/09/2019 04	23/09/2019 13	1
								18/09/2019 07	26/09/2019 22	9	26/09/2019 22	30/09/2019 22	5
								30/09/2019 22	07/10/2019 05	8			

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
72	Bagmati	Hayaghat	Bihar	44.72	45.72	46.71	30.07.2019 00	16/07/2019 12	01/08/2019 00	17	17/07/2019 05	08/08/2019 05	23
								08/08/2019 05	12/08/2019 10	5	12/08/2019 09	12/08/2019 10	1
73	Adhwara Group	Kamtaul	Bihar	49.00	50.00	51.61	16/07/2019 05	14/07/2019 20	06/08/2019 00	24	15/07/2019 15	23/07/2019 15	9
								21/09/2019 03	25/09/2019 21	5	24/07/2019 21	30/07/2019 23	7
								26/09/2019 15	10/10/2019 05	15	01/10/2019 15	05/10/2019 09	5
74	Adhwara Group	Ekmighat	Bihar	45.94	46.94	47.91	30/07/2019 00	15/07/2019 16	13/08/2019 06	30	16/07/2019 13	08/08/2019 23	24
								29/09/2019 09	08/10/2019 04	10			
75	Kamlabalan	Jhanjharpur	Bihar	49.00	50.00	53.11	14/07/2019 06	11/07/2019 05	03/08/2019 18	24	11/07/2019 09	11/07/2019 15	1
								04/08/2019 08	06/08/2019 01	3	12/07/2019 07	21/07/2019 21	10
								07/08/2019 18	10/08/2019 02	4	22/07/2019 18	27/07/2019 02	6
								12/08/2019 07	15/08/2019 00	4	17/08/2019 10	17/08/2019 21	1
								17/08/2019 08	21/08/2019 22	5	24/08/2019 07	24/08/2019 13	1
								24/08/2019 05	26/08/2019 01	3	17/09/2019 07	20/09/2019 17	4
								08/09/2019 08	08/09/2019 19	1	22/09/2019 11	23/09/2019 20	2
								17/09/2019 05	17/09/2019 07	1	24/09/2019 11	24/09/2019 19	1
								20/09/2019 17	11/10/2019 00	22	28/09/2019 14	03/10/2019 06	6

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
76	Kosi	Basua	Bihar	46.75	47.75	49.16	15/07/2019 00	19/06/2019 10	20/06/2019 08	2	14/07/2019 03	16/07/2019 23	3
								11/07/2019 09	19/07/2019 02	9	18/07/2019 15	18/07/2019 16	1
								22/07/2019 17	23/07/2019 14	2	18/09/2019 23	21/09/2019 13	4
								24/07/2019 14	28/07/2019 10	5	-	-	-
								29/07/2019 14	30/07/2019 08	2	-	-	-
								04/08/2019 20	09/08/2019 15	6	-	-	-
								13/08/2019 10	15/08/2019 16	3	-	-	-
								18/08/2019 08	21/08/2019 17	4	-	-	-
								25/08/2019 14	28/08/2019 19	4	-	-	-
								03/09/2019 12	04/09/2019 08	2	-	-	-
								08/09/2019 15	11/09/2019 00	4	-	-	-
								14/09/2019 09	03/10/2019 08	20	-	-	-
77	Kosi	Baltara	Bihar	32.85	33.85	35.61	17/07/2019 03	09/07/2019 04	20/10/2019 04	103	13/07/2019 16	30/08/2019 06	18
											03/09/2019 22	13/09/2019 01	11
											13/09/2019 14	15/10/2019 11	33

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level			
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
78	Kosi	Kursela	Bihar	29.00	30.00	31.60	03/10/2019 05	21/08/2019 05	10/09/2019 05	21	24/08/2019 16	29/08/2019 02	6	
								15/09/2019 11	15/10/2019 18	31	18/09/2019 04	13/10/2019 05	26	
79	Mahananda	Dhengraghat	Bihar	34.65	35.65	37.18	15/07/2019 05	10/07/2019 13	01/08/2019 05	23	11/07/2019 19	28/07/2019 17	18	
								09/08/2019 08	10/08/2019 13	2	18/09/2019 15	19/09/2019 12	2	
								17/09/2019 13	21/09/2019 04	5	26/09/2019 13	27/09/2019 10	2	
								25/09/2019 20	05/10/2019 05	11	29/09/2019 22	02/10/2019 16	4	
								11/07/2019 11	02/08/2019 04	23	13/07/2019 12	29/07/2019 18	17	
80	Mahananda	Jhawa	Bihar	30.40	31.40	33.10	17/07/2019 02	11/07/2019 00	07/08/2019 01	1	26/09/2019 21	27/09/2019 10	2	
									18/09/2019 11	21/09/2019 14	4	30/09/2019 01	04/10/2019 01	5
									26/09/2019 08	04/10/2019 23	9			
									25/06/2019 16	27/06/2019 09	3	11/07/2019 06	18/07/2019 09	8
81	Gandak	Dumariaghat	Bihar	61.22	62.22	62.73	19/09/2019 18	07/07/2019 15	13/10/2019 11	99	25/07/2019 08	26/07/2019 22	2	
											27/08/2019 02	27/08/2019 13	1	
											14/09/2019 16	17/09/2019 03	4	
											17/09/2019 21	22/09/2019 11	5	

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
82	Burhigandak	Ahirwalia	Bihar	58.62	59.62	59.07	19/07/2019 04	16/07/2019 07	23/07/2019 07	8			
								31/07/2019 20	31/07/2019 21	1			
83	Mayurakshi	Narayanpur	West Bengal	26.99	27.99	25.04	01/10/2019 09	-	-	-	-	-	-
84	Ajoy	Gheropara	West Bengal	38.42	39.42	38.41	01/10/2019 03	-	-	-	-	-	-
85	Mundeshwari	Harinkhola	West Bengal	11.80	12.80	11.80	01/10/2019 09	-	-	-	-	-	-
86	Kangsabati	Mohanpur	West Bengal	24.73	25.73	20.24	30/09/2019 06	-	-	-	-	-	-
87	Bagmati	Dheng Bridge	Bihar	69.10	70.10	72.96	14/07/2019 00	01/06/2019 19	02/06/2019 07	2	11/07/2019 08	22/07/2019 04	12
								03/06/2019 18	23/12/2019 19	203	23/07/2019 00	28/07/2019 13	6
								-	-	-	29/07/2019 17	29/07/2019 18	1
								-	-	-	07/08/2019 13	08/08/2019 08	2
								-	-	-	01/09/2019 11	01/09/2019 13	1
								-	-	-	07/09/2019 09	08/09/2019 19	2
											14/09/2019 20	15/09/2019 16	2
											17/09/2019 11	20/09/2019 13	4
											22/09/2019 08	22/09/2019 18	1
											24/09/2019 14	24/09/2019 16	1
											26/09/2019 08	29/09/2019 12	4
											30/09/2019 00	30/09/2019 10	1

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019	Flood Period above Warning Level			Flood Period above Danger Level			
							Level (in m)	Date/Time	From	To	No. of days	From	To
1	2	3	4	5	6	7	8	9	10	11	12	13	14
88	Adhwara	Sonebarsha	Bihar	80.85	81.85	82.96	13/07/2019 11	12/07/2019 08	18/07/2019 00	7	12/07/2019 20	14/07/2019 09	3
								21/07/2019 00	21/07/2019 17	1	15/07/2019 16	16/07/2019 05	2
89	KamlaBalan	Jainagar	Bihar	66.75	67.75	69.9	13/07/2019 13	03/06/2019 08	03/06/2019 16	1	10/07/2019 20	11/07/2019 12	2
								08/06/2019 10	08/06/2019 19	1	11/07/2019 19	21/07/2019 20	10
								11/06/2019 04	11/06/2019 21	1	22/07/2019 07	28/07/2019 10	7
								15/06/2019 10	15/06/2019 23	1	04/08/2019 12	04/08/2019 14	1
								16/06/2019 07	16/06/2019 23	1	07/08/2019 11	07/08/2019 20	1
								28/06/2019 04	28/06/2019 22	1	13/08/2019 10	13/08/2019 16	1
								29/06/2019 04	29/06/2019 23	1	17/08/2019 09	17/08/2019 17	1
								10/07/2019 13	14/10/2019 23	97	23/08/2019 23	24/08/2019 09	2
								17/11/2019 08	30/12/2019 19	44	17/09/2019 07	20/09/2019 13	4
								-	-		22/09/2019 08	25/09/2019 14	4
								-	-		27/09/2019 08	29/09/2019 15	3
								-	-		02/10/2019 09	02/10/2019 15	1
								-	-		05/10/2019 10	05/10/2019 12	1
								-	-		06/10/2019 17	07/10/2019 01	2

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
90	Bagmati	Runisaidpur	Bihar	52.73	53.73	57.9	14/07/2019 13	03/06/2019 02	27/10/2019 14	146	26/06/2019 09	28/06/2019 07	3
								01/11/2019 18	19/12/2019 09	49	29/06/2019 09	01/07/2019 12	3
								-	-	04/07/2019 15	04/07/2019 21	1	1
								-	-	05/07/2019 09	15/08/2019 09	42	42
								-	-	18/08/2019 10	21/08/2019 07	4	4
								-	-	25/08/2019 14	27/08/2019 01	3	3
91	Parwan	Araria	Bihar	46.00	47.00	48.48	14/07/2019 15	10/07/2019 15	10/08/2019 13	32	12/07/2019 21	01/08/2019 11	21
								14/08/2019 08	15/08/2019 15	2	18/09/2019 07	22/09/2019 03	5
								25/08/2019 06	25/08/2019 23	1	29/09/2019 18	06/10/2019 11	8
92	Kosi	Ghatal	Bihar	46.00	47.00	48.48	14/07/2019 15	17/09/2019 04	18/09/2019 07	2			
								22/09/2019 03	29/09/2019 18	8			
93	Kosi	Ghatal	Bihar	46.00	47.00	48.48	14/07/2019 15	06/10/2019 11	11/10/2019 01	6			

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Table 3.7: Above Normal and Severe Flood Events on Main Ganga and Its Tributaries- 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level in (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Date/Time	From	To	No. of days	From	To	No. of days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
92	Mahananda	Taibpur	Bihar	65.00	66.00	66.75	13/07/2019 03	09/07/2019 12	17/07/2019 20	9	10/07/2019 17	11/07/2019 03	2
								19/07/2019 15	27/07/2019 09	9	11/07/2019 22	14/07/2019 20	3
								08/08/2019 17	09/08/2019 10	2	15/07/2019 10	15/07/2019 15	1
								16/09/2019 17	18/09/2019 17	3	16/07/2019 15	16/07/2019 22	1
								25/09/2019 09	26/09/2019 23	2	24/07/2019 11	25/07/2019 18	2
								29/09/2019 10	01/10/2019 00	3	18/09/2019 04	18/09/2019 08	1
											25/09/2019 13	25/09/2019 18	1
93	Chambal	Kota City	Rajasthan	239.00	240.00	243.46	16/09/2019 10	01/06/2019 00	02/06/2019 00	2	01/06/2019 00	02/06/2019 00	2
								03/06/2019 00	01/07/2019 00	29	03/06/2019 00	01/07/2019 00	29
94	Rapti	Kakardhari	Uttar Pradesh	130.00	131.00	129.84	15/07/2019 00		-		-	-	-

Source: FFM Directorate, CWC, M/o Jal Shakti

Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Siang	Yingkiang	Arunachal Pradesh	303.00	304.00	272.30	13/07/2019 06	-	-	-	-	-	-
2	Siang	Passighat	Arunachal Pradesh	152.96	153.96	154.04	13/07/2019 07	17/06/2019 20	18/06/2019 02	2	13/07/2019 05	13/07/2019 17	1
								08/07/2019 04	09/07/2019 02	2			
								11/07/2019 11	18/07/2019 05	8			
								16/09/2019 18	17/09/2019 02	2			
								17/09/2019 14	18/09/2019 10	1			
3	Noa-Dehing	Namsai	Arunachal Pradesh	144.80	145.80	144.11	31/07/2019 15	-	-	-	-	-	-
4	Brahmaputra	Dibrugarh	Assam	104.70	105.70	105.54	12/07/2019 05	28/06/2019 18	29/06/2019 11	2			
								08/07/2019 09	18/07/2019 09	11			
								24/07/2019 09	26/07/2019 04	3			
								31/07/2019 23	01/08/2019 15	2			
								06/08/2019 07	07/08/2019 04	2			
								08/08/2019 07	08/08/2019 10	1			
								09/08/2019 03	11/08/2019 22	3			
								13/09/2019 08	20/09/2019 10	8			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
5	Brahmaputra	Neamatighat	Assam	84.04	85.04	87.13	13/07/2019 00	03/05/2019 14	10/05/2019 20	8	13/05/2019 03	16/05/2019 04	4
								11/05/2019 02	23/05/2019 20	13	11/06/2019 10	12/06/2019 09	2
								26/05/2019 01	26/05/2019 04	1	18/06/2019 00	21/06/2019 11	4
								28/05/2019 02	30/05/2019 12	3	25/06/2019 20	03/07/2019 06	9
								09/06/2019 23	06/10/2019 00	120	06/07/2019 22	22/08/2019 00	45
								10/10/2019 23	14/10/2019 04	5	11/09/2019 03	22/09/2019 11	12
											24/09/2019 22	28/09/2019 00	5
6	Brahmaputra	Tezpur	Assam	64.23	65.23	66.35	15/07/2019 11	15/05/2019 05	16/05/2019 12	2	09/07/2019 23	19/07/2019 06	11
								19/06/2019 12	21/06/2019 17	3			
								27/06/2019 21	04/07/2019 13	8			
								07/07/2019 11	14/08/2019 06	39			
								17/08/2019 18	19/08/2019 08	3			
								12/09/2019 19	29/09/2019 03	18			
7	Brahmaputra	Guwahati	Assam	48.68	49.68	51.23	16/07/2019 17	30/06/2019 04	02/07/2019 15	3	11/07/2019 22	19/07/2019 21	9
								10/07/2019 06	21/07/2019 14	12			
								23/07/2019 23	29/07/2019 10	7			
								01/08/2019 03	05/08/2019 18	5			
								17/09/2019 18	23/09/2019 01	7			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
8	Brahmaputra	Goalpara	Assam	35.27	36.27	35.35	17/07/2019 08	30/06/2019 23	03/07/2019 19	4	12/07/2019 02	21/07/2019 03	10
									09/07/2019 23	09/08/2019 22	32		
									19/09/2019 03	23/09/2019 13	5		
9	Brahmaputra	Dhubri	Assam	27.62	28.62	30.37	17/07/2019 22	28/06/2019 20	16/08/2019 02	50	11/07/2019 17	31/07/2019 17	21
								15/09/2019 06	03/10/2019 00	19			
10	Buridehing	Naharkatia	Assam	119.40	120.40	118.65	12/07/2019 03	-	-	-	-	-	-
11	Buridehing	Chenimari/ Khwong	Assam	101.11	102.11	102.86	13/07/2019 10	12/05/2019 17	14/05/2019 09	3	11/07/2019 19	15/07/2019 21	5
								10/07/2019 21	17/07/2019 13	8	01/08/2019 18	03/08/2019 22	3
								30/07/2019 23	07/08/2019 04	9			
								16/09/2019 21	17/09/2019 22	2			
12	Subansiri	Badatighat	Assam	81.53	82.53	83	14/07/2019 00	09/07/2019 09	19/07/2019 19	11	12/07/2019 13	16/07/2019 14	5
13	Dikhow	Sivasagar	Assam	91.40	92.40	92.93	10/07/2019 12	03/07/2019 14	04/07/2019 17	2	09/07/2019 19	11/07/2019 10	3
								09/07/2019 04	15/07/2019 10	7	03/08/2019 17	04/08/2019 22	2
								29/07/2019 14	30/07/2019 07	2			
								03/08/2019 09	05/08/2019 19	3			
								11/09/2019 17	12/09/2019 10	2			
								13/09/2019 03	15/09/2019 06	3			
								25/09/2019 21	28/09/2019 05	4			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
14	Desang	Nanglamoraghat	Assam	93.46	94.46	95.34	04/08/2019 05	03/05/2019 07	04/05/2019 18	2	11/07/2019 17	12/07/2019 20	2
								11/05/2019 12	13/05/2019 05	3	27/07/2019 06	28/07/2019 14	2
								10/07/2019 18	14/07/2019 15	5	01/08/2019 16	05/08/2019 21	5
								23/07/2019 18	30/07/2019 13	8	15/09/2019 00	16/09/2019 20	2
								31/07/2019 18	06/08/2019 00	7			
								13/09/2019 08	19/09/2019 16	7			
								26/09/2019 05	29/09/2019 00	4			
15	Dhansiri(S)	Golaghat	Assam	88.50	89.50	89.96	29/10/2019 12	29/07/2019 11	30/07/2019 10	2	27/10/2019 21	30/10/2019 05	4
								04/08/2019 20	05/08/2019 21	2			
								28/09/2019 10	28/09/2019 16	1			
								27/10/2019 08	31/10/2019 01	5			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
16	Dhansiri(S)	Numaligarh	Assam	76.42	77.42	78.93	30/10/2019 01	05/05/2019 11	09/05/2019 01	5	06/05/2019 03	06/05/2019 18	1
								15/06/2019 18	18/06/2019 01	4	06/07/2019 15	06/07/2019 20	1
								19/06/2019 22	20/06/2019 09	2	07/07/2019 10	19/07/2019 14	13
								21/06/2019 14	27/06/2019 06	7	29/07/2019 07	09/08/2019 04	12
								28/06/2019 10	01/07/2019 11	4	10/08/2019 07	12/08/2019 08	3
								03/07/2019 11	21/08/2019 23	50	14/09/2019 21	15/09/2019 01	2
								29/08/2019 15	31/08/2019 06	3	17/09/2019 10	21/09/2019 04	5
								06/09/2019 18	07/09/2019 02	2	24/09/2019 19	01/10/2019 00	8
								08/09/2019 23	20/10/2019 18	43	08/10/2019 18	14/10/2019 19	07
								26/10/2019 12	08/11/2019 00	15	21/10/2019 01	02/11/2019 15	13
								11/11/2019 13	11/11/2019 19	1			
								12/11/2019 08	12/11/2019 19	1			
								13/11/2019 08	13/11/2019 19	1			
								14/11/2019 08	14/11/2019 19	1			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
17	Kopili	Kampur	Assam	59.50	60.50	61.7	28/10/2019 12	11/07/2019 09	19/07/2019 10	9	11/07/2019 21	18/07/2019 11	8
								23/07/2019 22	24/07/2019 12	2	27/10/2019 08	29/10/2019 13	3
								27/10/2019 03	30/10/2019 20	4			
18	Kopili	Dharamtul	Assam	55.00	56.00	56.88	18/07/2019 01	11/07/2019 06	26/07/2019 14	16	13/07/2019 01	22/07/2019 03	10
								27/10/2019 11	31/10/2019 18	5			
19	Jiabharali	NT.Rd.X-ing	Assam	76.00	77.00	78.09	09/07/2019 13	01/05/2019 00	01/05/2019 23	1	07/05/2019 09	07/05/2019 13	1
								02/05/2019 09	02/06/2019 10	31	20/05/2019 09	20/05/2019 13	1
								04/06/2019 14	05/06/2019 01	2	27/05/2019 07	28/05/2019 00	2
								07/06/2019 17	13/06/2019 19	7	17/06/2019 09	18/06/2019 18	2
								15/06/2019 12	29/10/2019 11	137	26/06/2019 08	30/06/2019 06	5
										03/07/2019 07	03/07/2019 14	1	
										06/07/2019 10	06/07/2019 19	1	
										07/07/2019 08	19/07/2019 13	13	
										20/07/2019 15	29/07/2019 18	10	
										30/07/2019 09	03/08/2019 22	5	
										04/08/2019 09	04/08/2019 18	1	
										05/08/2019 12	05/08/2019 18	1	
										08/08/2019 07	08/08/2019 20	1	

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
											07/09/2019 00	07/09/2019 05	1
											09/09/2019 10	09/09/2019 21	1
											10/09/2019 08	26/09/2019 21	17
											27/09/2019 08	28/09/2019 03	2
											02/10/2019 10	02/10/2019 13	1
											12/10/2019 11	12/10/2019 13	1
20	Subansiri	Choldhowaghat	Assam	99.43	100.43	96.8	17/09/2019 12	-	-	-	-	-	-
21	Ranganadi	N H Crossing Ranganadi	Assam	93.81	94.81	94.69	10/07/2019 07	28/06/2019 11	28/06/2019 17	1			
								03/07/2019 08	03/07/2019 12	1			
								08/07/2019 20	13/07/2019 22	6			
								16/07/2019 10	16/07/2019 20	1			
								26/07/2019 09	26/07/2019 11	1			
								01/08/2019 09	01/08/2019 16	1			
								16/08/2019 00	16/08/2019 03	1			
								11/09/2019 06	11/09/2019 07	1			
								12/09/2019 10	12/09/2019 21	1			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
								16/09/2019 11	18/09/2019 04	3			
								24/09/2019 17	25/09/2019 03	2			
22	Lohit	Dholla Bazaar	Assam	127.27	128.27	127.77	11/07/2019 21	11/07/2019 08	13/07/2019 14	3			
								14/07/2019 01	14/07/2019 07	1			
23	Puthimari	Puthimari _NHX	Assam	50.81	51.81	54.77	12/07/2019 16	01/05/2019 00	04/05/2019 13	4	05/05/2019 10	05/05/2019 16	1
								05/05/2019 07	08/05/2019 09	4	17/06/2019 14	17/06/2019 18	1
								10/05/2019 10	12/05/2019 09	3	18/06/2019 09	18/06/2019 12	1
								31/05/2019 01	31/05/2019 17	1	28/06/2019 14	28/06/2019 16	1
								17/06/2019 08	19/06/2019 18	2	09/07/2019 04	19/07/2019 08	11
								26/06/2019 08	01/07/2019 12	6	23/07/2019 02	28/07/2019 04	6
								02/07/2019 19	04/07/2019 09	3			
								08/07/2019 18	21/08/2019 06	45			
								24/08/2019 09	26/08/2019 13	3			
								31/08/2019 10	02/09/2019 06	3			
								03/09/2019 11	06/09/2019 05	4			
								07/09/2019 05	09/09/2019 18	3			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
								11/09/2019 11	11/09/2019 18	1			
								12/09/2019 06	12/09/2019 18	1			
								13/09/2019 05	16/09/2019 18	4			
								18/09/2019 09	19/09/2019 13	2			
								25/09/2019 18	27/09/2019 15	3			
								09/10/2019 07	09/10/2019 17	1			
24	Pagladia	Pagladia_NTX	Assam	51.75	52.75	52.93	16/07/2019 07	01/05/2019 05	01/05/2019 10	1	15/07/2019 22	16/07/2019 22	2
								02/05/2019 06	02/05/2019 18	1			
								05/05/2019 06	05/05/2019 14	1			
								17/06/2019 10	19/06/2019 04	3			
								26/06/2019 02	01/07/2019 11	6			
								09/07/2019 14	19/07/2019 18	11			
								22/07/2019 13	28/07/2019 17	7			
								02/08/2019 16	03/08/2019 11	2			
								13/09/2019 13	14/09/2019 10	2			
								12/07/2019 07	17/07/2019 09	6	13/07/2019 01	15/07/2019 12	3
25	Barak	APGhat	Assam	18.83	19.83	20.33	14/07/2019 03	26/07/2019 10	30/07/2019 04	5			
								03/08/2019 13	06/08/2019 12	4			
								28/10/2019 12	29/10/2019 14	2			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
26	Katakhal	Matizuri	Assam	19.27	20.27	22.36	15/07/2019 06	11/07/2019 12	18/07/2019 10	8	11/07/2019 21	17/07/2019 21	7
27	Barak	Badarpurghat	Assam	15.85	16.85	17.65	14/07/2019 16	11/07/2019 22	18/07/2019 18	8	12/07/2019 21	17/07/2019 05	6
								21/07/2019 19	31/07/2019 08	11			
								03/08/2019 17	07/08/2019 00	5			
28	Kushiyara	Karimganj	Assam	13.94	14.94	16.17	14/07/2019 05	11/07/2019 14	08/08/2019 00	29	12/07/2019 08	18/07/2019 16	7
								28/10/2019 11	30/10/2019 08	3	22/07/2019 14	23/07/2019 20	2
											26/07/2019 17	30/07/2019 15	5
											04/08/2019 03	06/08/2019 20	3
29	Manu	Kailashar	Tripura	24.34	25.34	23.77	14/06/2019 23	-	-	-	-	-	-
30	Gumti	Sonamura	Tripura	11.50	12.50	11.28	16/07/2019 02	-	-	-	-	-	-
31	Manas	Mathanguri	Assam	98.10	99.10	97.86	25/07/2019 08	-	-	-	-	-	-

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
32	Manas	NH-Crossing	Assam	47.81	48.42	49.41	24/07/2019 05	26/06/2019 15	27/06/2019 10	2	23/07/2019 09	25/07/2019 13	3
								09/07/2019 15	10/07/2019 00	2			
								11/07/2019 06	12/07/2019 18	2			
								14/07/2019 14	17/07/2019 06	4			
								22/07/2019 18	26/07/2019 02	5			
33	Beki	Beki Rd. Bridge	Assam	44.10	45.10	45.86	04/07/2019 23	05/05/2019 02	05/05/2019 21	1	08/07/2019 12	09/07/2019 10	1
								17/06/2019 10	19/06/2019 03	3	09/07/2019 11	09/07/2019 17	1
								24/06/2019 15	24/06/2019 20	1	10/07/2019 07	17/07/2019 21	8
								25/06/2019 07	22/08/2019 17	59	22/07/2019 22	26/07/2019 02	5
								24/08/2019 14	25/08/2019 05	2	26/07/2019 08	27/07/2019 01	1
								31/08/2019 19	01/09/2019 16	2	27/08/2019 06	28/07/2019 21	1
								03/09/2019 13	04/09/2019 10	2	01/08/2019 08	01/08/2019 16	1
								05/09/2019 06	03/10/2019 03	29	02/08/2019 08	02/08/2019 20	1
								04/10/2019 10	04/10/2019 20	1	05/08/2019 14	05/08/2019 23	1
								09/10/2019 08	09/10/2019 13	1			

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
34	Gaurang	Kokrajhar	Assam	41.85	42.85	43.4	23/07/2019 18	25/06/2019 15	25/06/2019 18	1	23/07/2019 06	24/07/2019 09	2
								26/06/2019 07	27/06/2019 14				
								08/07/2019 15	17/07/2019 15				
								22/07/2019 08	25/07/2019 21				
								15/09/2019 11	16/09/2019 13				
								25/09/2019 07	26/09/2019 02				
35	Sankosh	Golokganj	Assam	28.94	29.94	30.15	15/07/19:10	11/07/2019 18	19/07/2019 13	9	14/07/2019 17	16/07/2019 09	3
								23/07/2019 08	30/07/2019 07				
36	Teesta	Domohani	West Bengal	85.F65	85.95	86.18	12/07/19:15	18/06/2019 07	18/06/2019 15	1	12/07/2019 10	13/07/2019 02	2
								08/07/2019 11	08/07/2019 15				
								10/07/2019 07	10/07/2019 16				
								11/07/2019 02	14/07/2019 20				
								15/07/2019 05	15/07/2019 21				
								16/07/2019 05	16/07/2019 23				
								20/07/2019 10	20/07/2019 16				
								21/07/2019 10	21/07/2019 15				
								23/07/2019 09	23/07/2019 20				
								24/07/2019 05	25/07/2019 16				

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
								07/08/2019 08	10/08/2019 17	4			
								21/08/2019 19	21/08/2019 21	1			
								16/09/2019 15	16/09/2019 17	1			
								17/09/2019 10	17/09/2019 22	1			
								25/09/2019 10	25/09/2019 18	1			
	37	Teesta	Mekhliganj	West Bengal	65.45	65.95	65.87	12/07/19:21	18/06/2019 13	18/06/2019 21	1		
									10/07/2019 19	10/07/2019 22	1		
									11/07/2019 13	13/07/2019 16	3		
									14/07/2019 05	14/07/2019 13	1		
									24/07/2019 11	25/07/2019 02	2		
									08/08/2019 15	08/08/2019 23	1		
									17/09/2019 19	18/09/2019 00	2		
									12/07/2019 09	14/07/2019 17	3		
	38	Jaldhaka	N H 31	West Bengal	80.00	80.90	80.13	16/07/19:10	16/07/2019 09	16/07/2019 15	1		
									24/07/2019 07	25/07/2019 12	2		
									12/07/2019 17	13/07/2019 06	2	24/07/2019 14	24/07/2019 18
	39	Jaldhaka	Mathabhanga	West Bengal	47.70	48.20	48.30	24/07/19:15	14/07/2019 14	14/07/2019 18	1		
									24/07/2019 00	24/07/2019 23	1		

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Table 3.8 Above Normal and Severe Events on Main Brahmaputra and its Tributaries – 2019 Flood Season

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	from	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
40	Torsa	Ghughumari	West Bengal	39.80	40.41	40.30	18/07/19:10	25/06/2019 13	26/06/2019 00	2			
								26/06/2019 12	27/06/2019 08	1			
								08/07/2019 05	08/07/2019 14	1			
								11/07/2019 05	15/07/2019 08	5			
								16/07/2019 11	16/07/2019 19	1			
								22/07/2019 07	25/07/2019 05	4			
41	Radak-I	Tufanganj	West Bengal	34.22	35.30	35.96	24/07/19:08	26/06/2019 21	28/06/2019 04	3	23/07/2019 16	25/07/2019 16	3
								11/07/2019 06	11/07/2019 17	1			
								13/07/2019 06	17/07/2019 12	5			
								22/07/2019 17	26/07/2019 18	5			
42	Teesta	Malli Bazaar	Sikkim	223.00	224.00	217.06	17/09/2019 00	-	-	-	-	-	-
43	Teesta	Joretahang(Roth ak)	Sikkim	350.60	351.60	348.16	17/09/2019 13	-	-	-	-	-	-
44	Teesta	Singtam	Sikkim	377.07	377.57	374.94	15/09/2019 00	-	-	-	-	-	-
45	Torsa	Hasimara	West Bengal	116.30	116.90	116.28	25/06/19:06	-	-	-	-	-	-

Source: FFM Directorate, CWC, M/o Jal Shakti

**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Jhelum	Rammunshibagh	Jammu & Kashmir	1585.53	1586.45	1584.48	29/07/2019 15	-	-	-	-	-	-
2	Jhelum	Sangam	Jammu & Kashmir	1590.30	1592.00	1589.13	29/07/2019 07	-	-	-	-	-	-
3	Jhelum	Safapora	Jammu & Kashmir	1580.00	1580.80	1579.42	29/07/2019 23	13/06/2019 09	14/06/2019 01	2			
4	Subernarekna	Jamshedpur	Jharkhand	122.50	123.50	121.5	26/10/2019 00	-	-	-	-	-	-
5	Subernarekna	Rajghat	Odisha	9.45	10.36	9.58	27/10/2019 09	27/10/2019 05	27/10/2019 11	1			
6	Burhabalang	NH_5_Road Bridge	Odisha	7.21	8.13	6.72	19/08/2019 09	-	-	-	-	-	-
7	Baitarni	Anandpur	Odisha	37.44	38.36	36.86	19/08/2019 11	-	-	-	-	-	-
8	Baitarni	Akhuapada	Odisha	17.33	17.83	18.15	08/09/2019 00	07/08/2019 11	07/08/2019 22	1	19/08/2019 17	20/08/2019 00	2
							08/08/2019 09	08/08/2019 21		1	07/09/2019 15	08/09/2019 09	2
							09/08/2019 13	09/08/2019 15		1	26/10/2019 09	26/10/2019 23	1
							14/08/2019 03	15/08/2019 13		2			
							19/08/2019 09	20/08/2019 21		2			
							24/08/2019 10	25/08/2019 00		2			
							05/09/2019 10	05/09/2019 23		1			
							07/09/2019 12	09/09/2019 00		3			
9	Brahmani	Jenapur	Odisha	22.00	23.00	21.56	09/09/2019 00	-	-	-	-	-	-

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
10	Rushikulya	Purushottampur	Odisha	15.83	16.83	16.2	25-10-2019 02:00	05/09/2019 23	06/09/2019 11	2			
								24/10/2019 21	25/10/2019 15				
11	Vamsadhara	Gunupur	Odisha	83.00	84.00	85.32	07-08-2019 21:00	07/08/2019 03	08/08/2019 11	2	07/08/2019 05	08/08/2019 04	2
								06/09/2019 21	07/09/2019 00		07/09/2019 22	07/09/2019 23	
								07/09/2019 18	08/09/2019 07	1			
								25/10/2019 00	25/10/2019 04	1			
12	Vamsadhara	Kashinagar	Odisha	53.60	54.60	56.30	08-08-2019 00:00	07/08/2019 05	10/08/2019 10	4	07/08/2019 06	08/08/2019 14	2
								13/08/2019 02	14/08/2019 17		13/08/2019 16	13/08/2019 22	
								05/09/2019 04	11/09/2019 22	7	06/09/2019 06	06/09/2019 16	1
								12/09/2019 13	12/09/2019 20	1	07/09/2019 00	08/09/2019 10	2
								13/09/2019 10	13/09/2019 19	1	26/10/2019 07	26/10/2019 11	1
								25/09/2019 21	27/09/2019 10	3			
								24/10/2019 10	30/10/2019 03	7			
13	Mahanadi	Naraj	Odisha	25.41	26.41	26.33	10/09/2019 01	14/08/2019 12	16/08/2019 03	3			
								07/09/2019 22	13/09/2019 01				
								02/10/2019 00	02/10/2019 22	1			
14	Mahanadi	Alipingal Devi	Odisha	10.85	11.76	11.08	15/08/2019 12	15/08/2019 08	15/08/2019 21	1			
15	Mahanadi	Nimapara	Odisha	9.85	10.76	9.76	15/08/2019 18	-	-	-	-	-	-

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
16	Godavari	Atreyapuram	Andhra Pradesh	14.00	15.50	12.89	10-08-2019 08:00	-	-	-	-	-	-
17	Godavari	Kopergaon	Maharashtra	490.90	493.68	496.67	05-08-2019 13:00	03/08/2019 18	07/08/2019 09	5	04/08/2019 20	06/08/2019 17	3
18	Godavari	Gangakhed	Maharashtra	374.00	375.00	370.43	26-10-2019 11:00	-	-	-	-	-	-
19	Godavari	Nanded	Maharashtra	353.00	354.00	349.10	26-10-2019 13:00	-	-	-	-	-	-
20	Godavari	Kaleswaram	Telangana	103.50	104.75	102.48	08-09-2019 09:00	-	-	-	-	-	-
21	Godavari	Eturunagaram	Telangana	73.32	75.82	74.705	08-09-2019 10:00	03/08/2019 03	04/08/2019 03	2			
								05/08/2019 00	05/08/2019 20	1			
								08/08/2019 07	09/08/2019 20	2			
								07/09/2019 06	09/09/2019 23	3			
22	Godavari	Dummagudam	Telangana	53.00	55.00	54.48	08-09-2019 23:00	03/08/2019 13	04/08/2019 01	2			
								08/08/2019 22	09/08/2019 22	2			
								08/09/2019 07	09/09/2019 21	2			
23	Godavari	Bhadrachalam	Telangana	45.72	48.77	48.22	09-09-2019 01:00	03/08/2019 07	04/08/2019 16	2			
								05/08/2019 20	06/08/2019 05	2			
								08/08/2019 00	10/08/2019 10	3			
								08/09/2019 01	10/09/2019 11	3			
24	Wardha	Sirpur Town	Telangana	159.95	160.95	159.25	04/08/2019 20	-	-	-	-	-	-

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
25	Godavari	Kunavaram	Andhra Pradesh	37.74	39.24	40.58	09-08-2019 23:00	03/08/2019 08	05/08/2019 08	3	04/08/2019 04	04/08/2019 10	1
								07/08/2019 18	11/08/2019 01	5	08/08/2019 19	10/08/2019 16	3
								08/09/2019 09	10/09/2019 23	3			
26	Godavari	Rajamundry	Andhra Pradesh	17.68	19.51	17.50	10-09-2019 01:00	-	-	-	-	-	-
27	Godavari	Dowalaiswaram	Andhra Pradesh	14.25	16.08	15.43	10-08-2019 01:00	03/08/2019 13	07/08/2019 06	5			
								07/08/2019 11	11/08/2019 15	5			
								08/09/2019 08	11/09/2019 15	4			
28	Wainganga	Bhandara	Maharashtra	244.00	244.50	246.84	10/09/2019 12	09/08/2019 21	10/08/2019 02	2	08/09/2019 22	11/09/2019 12	4
								27/08/2019 09	28/08/2019 09	2	12/09/2019 14	13/09/2019 07	2
								28/08/2019 18	29/08/2019 05	1	29/09/2019 15	30/09/2019 21	2
								29/08/2019 12	30/08/2019 03	1			
								01/09/2019 07	03/09/2019 04	3			
								03/09/2019 16	15/09/2019 07	11			
								15/09/2019 21	26/09/2019 07	11			
								26/09/2019 09	31/10/2019 15	6			
								01/11/2019 00	16/11/2019 14	16			
29	Wainganga	Pauni	Maharashtra	226.73	227.73	227.75	09-09-2019 15	09/09/2019 09	10/09/2019 09	2	09/09/2019 14	09/09/2019 22	1

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
30	Wardha	Balharsha	Maharashtra	171.50	174.00	168.92	04/08/2019 14	-	-	-	-	-	-
31	Indravati	Jagdalpur	Chhattisgarh	539.50	540.80	542.22	30-07-2019 22:00	29/07/2019 11	01/08/2019 00	4	29/07/2019 15	31/07/2019 18	3
								02/08/2019 23	04/08/2019 11	3	08/08/2019 06	10/08/2019 08	3
								08/08/2019 02	10/08/2019 21	3	06/09/2019 04	07/09/2019 20	2
								03/09/2019 04	05/09/2019 00	3			
								06/09/2019 02	09/09/2019 21	4			
								06/08/2019 02	13/08/2019 22	8	08/08/2019 01	11/08/2019 16	4
32	Krishna	Arjunwad	Maharashtra	542.07	543.29	544.28	09/08/2019 02	06/08/2019 17	13/08/2019 22	8	08/08/2019 01	11/08/2019 16	4
								07/08/2019 19	12/08/2019 09	6	08/08/2019 23	11/08/2019 16	4
34	Tungabhadra	Mantralayam	Andhra Pradesh	310.00	312.00	312.9	12/08/2019 19	12/08/2019 04	15/08/2019 07	4	12/08/2019 08	13/08/2019 14	2
								16/08/2019 08	17/08/2019 07	2			
								07/09/2019 17	09/09/2019 21	3			
								20/09/2019 08	20/09/2019 12	1			
								25/09/2019 09	26/09/2019 11	2			
								26/09/2019 16	27/09/2019 07	1			
								12/10/2019 04	12/10/2019 13	1	23/10/2019 20	24/10/2019 07	2
								22/10/2019 04	25/10/2019 04	4			

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
35	Tungabhadra	Kurnool	Andhra Pradesh	273.00	274.00	274.48	13/08/2019 08	12/08/2019 17	13/08/2019 22	2	12/08/2019 21	13/08/2019 17	2
								23/10/2019 22	24/10/2019 17	2			
36	Nagavali	Srikakulam	Andhra Pradesh	10.17	10.80	11.42	25/10/2019 01	07/08/2019 03	09/08/2019 04	3	08/08/2019 11	08/08/2019 15	1
								12/10/2019 04	12/10/2019 15	1	25/10/2019 00	25/10/2019 18	1
								24/10/2019 21	27/10/2019 03	4	26/10/2019 11	26/10/2019 18	1
37	Pennar	Nellore	Andhra Pradesh	15.91	17.28	13.72	17/11/2019 08	-	-	-	-	-	-
38	Sabarmati	Ahmedabad Shubhash Bridge	Gujarat	44.09	45.34	42.4	01/10/19 1900	-	-	-	-	-	-
39	Mahi	Wanakbori	Gujarat	71.93	74.98	73.38	14/09/19 0900	-	-	-	-	-	-
40	Naramada	Mandla	Madhya Pradesh	437.20	437.80	438.78	08/09/2019 20	08/08/2019 19	09/08/2019 14	2	08/09/2019 14	09/09/2019 06	2
								15/08/2019 05	15/08/2019 11	1	12/09/2019 06	12/09/2019 22	1
								08/09/2019 12	09/09/2019 11	2			
								12/09/2019 04	13/09/2019 08	2			
41	Naramada	Hoshangabad	Madhya Pradesh	292.80	293.80	294.60	11/09/2019 00	09/09/2019 12	12/09/2019 02	4	10/09/2019 17	11/09/2019 08	2
42	Naramada	Garudeswar	Gujarat	30.48	31.09	29.58	11/09/19:0 3	-	-	-	-	-	-
43	Naramada	Bharuch	Gujarat	6.71	7.31	9.72	11/09/19:1 0	09/08/2019 12	10/08/2019 22	2	09/08/2019 13	10/08/2019 19	2
								26/08/2019 12	30/08/2019 08	5	27/08/2019 04	29/08/2019 21	3
								05/09/2019 22	06/09/2019 20	2	06/09/2019 02	06/09/2019 14	1
								09/09/2019 10	17/09/2019 11	9	09/09/2019 13	17/09/2019 05	9

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
								18/09/2019 23	19/09/2019 11	2			
44	Tapi	Surat	Gujarat	8.50	9.50	8.00	10/08/19:2 3	-	-	-	-	-	-
45	Damanganga	Vapi Town	Gujarat	18.20	19.20	18.60	04/08/19:1 7	04/08/2019 15	04/08/2019 21	1			
46	Damanganga	Daman	Dadra & Nagar Haveli	2.60	3.40	2.60	03/08/19:1 6						
47	Cauvery	Musiri	Tamil Nadu	82.11	83.11	82.82	11/09/2019 05	08/09/2019 01	13/09/2019 09	6			
								25/09/2019 17	26/09/2019 23	2			
								24/10/2019 15	26/10/2019 06	3			
48	Cauvery	Kodumudi	Tamil Nadu	125.50	126.50	125.62	10/09/2019 16	10/09/2019 04	10/09/2019 23	1			
49	Bhavani	Savandapur	Tamil Nadu	184.50	185.50	184.5	02/12/2019 23	02/12/2019 23	03/12/2019 00	2			
50	Sabari	Chinturu	Andhra Pradesh	41.50	43.50	41.45	09-08-2019 18:00	-	-	-	-	-	-
51	Krishna	Avanigadda	Andhra Pradesh	9.00	11.00	10.35	17/08/2019 13	16/08/2019 07	18/08/2019 16	3			
52	Periyar	Neeleswaram	Kerala	9.00	10.00	9.41	08/08/2019 20	08/08/2019 17	09/08/2019 02	2			
53	Bharathapuzha	Kumbidi	Kerala	8.20	9.20	11.2	10/08/2019 06	09/08/2019 09	12/08/2019 06	4	09/08/2019 11	11/08/2019 11	3
54	Pamba	Malakkara	Kerala	6.00	7.00	6.43	10/08/2019 01	09/08/2019 14	09/08/2019 21	1			
55	Godavari	Nasik	Maharashtra	558.10	559.60	562.51	04-08-2019 15:00	03/08/2019 13	05/08/2019 22	3	04/08/2019 00	05/08/2019 19	2
								25/09/2019 21	25/09/2019 23	1			
56	Jalaka	Mathani Road	Odisha	5.50	5.50	6.57	26/09/2019 08	10/08/2019 08	10/08/2019 09	1	19/08/2019 08	21/08/2019 08	3
								11/08/2019 09	11/08/2019 19	1	23/08/2019 07	29/08/2019 02	7

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**Table 3.9: Above Normal and Severe Flood Events on Various River Systems (excluding Ganga and Brahmaputra Basins)- 2019 Flood Season**

Sl. No.	River	Station	State	Warning Level (in m)	Danger Level (in m)	Peak Level in 2019		Flood Period above Warning Level			Flood Period above Danger Level		
						Level (in m)	Time	From	To	No. of Days	From	To	No. of Days
1	2	3	4	5	6	7	8	9	10	11	12	13	14
								12/08/2019 09	12/08/2019 13	1	25/09/2019 08	25/09/2019 18	1
								14/08/2019 08	14/08/2019 09	1	26/09/2019 08	26/09/2019 09	1
								19/08/2019 08	21/08/2019 20	3	27/09/2019 08	27/09/2019 09	1
								23/08/2019 05	29/08/2019 19	7	28/09/2019 00	30/09/2019 15	3
								05/09/2019 08	06/09/2019 03	2	10/10/2019 09	10/10/2019 23	1
								08/09/2019 00	08/09/2019 13	1	25/10/2019 00	28/10/2019 07	4
								13/09/2019 08	13/09/2019 09	1			
								14/09/2019 08	14/09/2019 13	1			
								25/09/2019 08	25/09/2019 18	1			
								26/09/2019 08	26/09/2019 09	1			
								27/09/2019 08	27/09/2019 09	1			
								28/09/2019 00	01/10/2019 10	4			
								10/10/2019 04	11/10/2019 12	2			
								25/10/2019 00	29/10/2019 01	5			
57	Banas	Abu Road	Rajasthan	258.00	259.00	256.5	09/08/19 1300	-	-	-	-	-	-
58	Vaigai	Madurai	Tamil Nadu	131.50	132.50	131.24	11/11/2019 10	-	-	-	-	-	-

Source: FFM Directorate, Central Water Commission, M/o Jal Shakti

**Appendix Glossary****GLOSSARY OF TERMS**

Area sown more than once	This represents the area on which crops are cultivated more than once during the agricultural year. This is obtained by deducting Net Area Sown from Total Cropped Area.
Cropping Intensity	It is the ratio of gross (total) area sown to the net area sown expressed as a percentage.
Culturable Command Area (CCA)	It is the area which can be physically irrigated from a scheme and is fit for cultivation.
Dam	Any artificial barrier which impounds or diverts water. A dam is generally considered hydrologically significant if it is 1.25 feet (0.4 metre) or more in height from the natural bed of the stream and has a storage of at least 15 acre-feet or it has an impounding capacity of 50 acre-feet or more and is at least six feet (2 metres) above the natural bed of the stream.
Large Dam	A dam exceeding 15m in height above deepest river bed level and a dam between 10 and 15 m height provided volume of earthwork exceeds 0.75 million cubic metre and storage exceeds 1 million cubic metre or the maximum flood discharge exceeds 2000 cumecs.
Gross Sown Area	This is the sum total of the areas under all crops over the various seasons in an agriculture year (i.e. from the 1 <sup>st</sup> July to 30 <sup>th</sup> June next year).
Net Sown Area	It is the total area sown with crops and orchards, counting areas sown more than once in the same agricultural year only once.
Gross Reservoir Capacity	The total amount of storage capacity available in a reservoir for all purposes from the streambed to the normal water or normal water or normal pool surface level. It does not include surcharge, but does include dead storage.
Ground Water	Water within the earth that supplies wells and springs; water in the zone of saturation where all openings in rocks and soil are filled, the upper surface of which forms the water table.
Irrigated Area	The area is assumed to be irrigated for cultivation through such sources as canals (Govt. & Private), tanks, tube-wells, other wells and other sources.
Net Irrigated Area	It is the total area which is irrigated counting area irrigated more than once on the same land in an agricultural year once only.
Gross Irrigated Area	It is the total area irrigated under various crops in a year, counting the area irrigated under more than one crop during the same year as many times as the number of crops grown and irrigated.

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## GLOSSARY OF TERMS

Habitation	Habitation means a place where people have settled permanently. Temporary settlement like that of quarry workers, construction workers, farm workers, nomads etc. will not be classified as habitation.
Irrigation Potential Created (IPC)	The Irrigation potential created by a project at a given time during or after its construction is the aggregate gross area that can be irrigated annually by the quantity of water that could be made available by all the connected and completed works up to the end of the water courses or the last point in the water delivery system. It is the area that can be irrigated from a project in a design agriculture year that is from the 1 <sup>st</sup> July to 30 <sup>th</sup> June next year for the projected cropping pattern and accepted water allowance on its full development. Before an area is included under potential created, it has to be ensured that the water for the area to be reported upon is available and the conveyance system up to and including the irrigation outlet to serve an area up to 40 hectares in the area to be irrigated is completed.
Irrigation Potential Utilised	The Irrigation potential utilised is the total gross area actually irrigated by a project/scheme during the agricultural year under consideration.
Live Capacity	It is the total amount of storage capacity available in a reservoir for all purposes, from the dead storage level to the normal water or normal pool level/surface level. It does not include surcharge, or dead storage, but does include inactive storage, active conservation storage and exclusive flood control storage.
Major Irrigation Scheme	A scheme having Culturable Command Area (CCA) more than 10,000 hectares is classified as major irrigation scheme.
Medium Irrigation Scheme	A scheme having CCA more than 2,000 hectares and up to 10,000 hectares individually is classified as medium irrigation scheme.
Minor Irrigation Scheme	A scheme having CCA up to 2,000 hectares individually is classified as minor irrigation scheme.
Reporting Area for Land Utilisation Statistics	The Reporting area stands for the area for which data on land use classification are available.
River Basin	River Basin is the basic hydrological unit for water resources planning and management.

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## GLOSSARY OF TERMS

Run-off	Water which is not absorbed by the soil and flows to lower ground, eventually draining into a stream, river, or other body of water. It is that part of precipitation that flows toward the streams on the surface of the ground or within the ground. Runoff is composed of base flow and surface runoff.
Run-off/ Potential	Runoff/ potential of a river for a specified period at a site is the total volume of water flow/passed from/through the site during the specified period. It is the notional depth of water in mm over the catchment, equivalent to annual runoff (in cum)/Catchment Area ( $\text{km}^2$ )* 1000 and calculated at the discharge measurement station.
Surface Run-off	The runoff that travels overland to the stream channel. Rain that falls on the stream channel is often lumped with this quantity.
Surface Water	Water that flows in streams and rivers and in natural lakes, in wetlands, and in reservoirs constructed by humans
Total Cultivable Area	This consists of net area sown, current fallows, fallow lands other than current fallows, culturable waste and land under miscellaneous tree crops.
Ultimate Irrigation Potential	<p>The ultimate irrigation potential is the gross area that can be irrigated from a project in design year for the projected cropping pattern and assumed water allowance on its full development. The gross irrigated area will be the aggregate of the areas irrigated in the different crop seasons, the areas under two seasonal and perennial crops being counted only once in the year.</p> <p>The Ultimate Irrigation Potential of ground water may however, be taken as the total area that can be irrigated by utilizing the Annually Rechargeable Ground Water Resource Available for Irrigation considering the gross irrigation requirement of crops grown in an unit area.</p>

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