

Major Dams in India

1. Bhavani Sagar dam – Tamil Nadu

It came into being in 1955 and is built on the Bhavani River. This is the largest earthen dam in India and South Asia and the second-largest in the world. It is in Sathyamangalam district of Tamil Nadu and comes under the Tamil Nadu government. It is 130 ft tall and 8.4 km long with a capacity of 8 megawatts.

2. Tehri Dam – Uttarakhand

It is the highest dam in India and comes under the top 10 highest dams in the world. This came into being in 2006 and stands tall on the Bhagirathi river. It is in the Tehri district of Uttarakhand and comes under National Thermal Power Corporation Limited. It is an embankment dam with a height of 855 ft and a length of 1,886 ft.

3. Hirakud dam – Odisha

It came into being in 1957 and stands tall on the Mahanadi river. It is one of the first major multipurpose river valley projects in India. This is a composite dam and reservoir and is in the city of Sambalpur in Odisha. It comes under the government of Odisha. It is 200 ft tall and 55 km long and is the longest Dam in India.

4. Bhakra Nangal Dam – Himachal Pradesh

It came into being in 1963 and stands tall on the Sutlej river. This is the third-largest reservoir in India and is in Bilaspur district of Himachal Pradesh. It is a concrete gravity dam and comes under the state government of Himachal Pradesh. It is 741 ft high and receives a lot of tourist attractions in the country.

5. Nagarjuna Sagar Dam – Andhra Pradesh

It came into being in 1967 and stands tall on the Krishna river. This is the second-largest reservoir in India with 312 TMC gross capacity. It is in the Guntur district of Andhra Pradesh and comes under the Telangana State Power Generation Corporation Limited. It is a masonry dam with a height of 407 ft.

6. Sardar Sarovar Dam – Gujarat

It came into being in 2017 and stands tall on the Narmada River. This is a concrete gravity dam in the Navagam district of Gujarat. It comes under Sardar Sarovar Narmada Nigam Limited. It is responsible for the start of Narmada Bachao Andolan as it was not in social or economical favor for the villagers living there.

7. Tungabhadra Dam – Karnataka

It came into being in 1953 and stands tall on the Tungabhadra River. This is a Composite dam in the Bellary district of Karnataka. It comes under the Karnataka Government. It is the only dam in India built without concrete and cement.

8. Rihand Dam – Uttar Pradesh

It came into being in 1962 and is on the Rihand river. It is a concrete gravity dam in Sonbhadra District of Uttar Pradesh. Its total water capacity is 10.6 billion cubic meters making it the largest dam in India by volume. It comes under the Uttar Pradesh government and is 300 ft high.

9. Koyna Dam – Maharashtra

It came into being in 1964 and is on the Biradar River. This is a Rubble-concrete dam in Koynanagar, Maharashtra. It comes under the government of Maharashtra and is 339 ft high. It is one of the largest dams in Maharashtra.

10. Kallanai Dam – Tamil Nadu

It is the oldest dam in India from 100BC. It is in the Thanjavur district of Tamil Nadu. The Chola Dynasty is responsible for building this dam. It stands 18ft high on the Kaveri river and comes under the Tamil Nadu government. It is a Barrage Dam and the 4th oldest water regulator in the world.

11. Mettur Dam – Tamil Nadu

It is the largest dam in Tamil Nadu. It came into being in 1934 and is on Cauvery (Kaveri) River. This is a Gravity and Masonry dam in Salem district of Tamil Nadu. It comes under the Tamil Nadu Generation and Distribution Corporation Ltd. It is 214 ft high.

12. Indira Sagar Dam – Madhya Pradesh

It came into being in 2005 and is on the Narmada River. It is in Khandwa district of Madhya Pradesh and serves a multipurpose project. This dam comes under the Madhya Pradesh irrigation and National Hydroelectric Power Corporation. It has a capacity of 12.22 billion cum, thus becoming the largest dam in India by water capacity.

13. Jayakwadi Dam – Maharashtra

It is an earthen dam on the Godavari river built-in 1976. It is in the Jayakwadi district of Maharashtra. This dam comes under the government of Maharashtra and covers an area of 21,750 km. It is one of the largest dams in Asia with 27 water gates. It creates the NathSagar Jalashay which irrigates most of the farms in that district.

14. Somasila Dam – Andhra Pradesh

It is a dam on Penna river built-in 1989. This dam is in the Nellore district of Andhra Pradesh and comes under the government of Andhra Pradesh. It is an earth fill and gravity dam covering an area of 212.28 km.

15. Ujani Dam – Maharashtra

It is part of the Bhima Irrigation Project built-in 1980. It is on the Bhima river in the Solapur district of Maharashtra. This dam is an earth fill and gravity dam and is 185ft high. It comes under the government of Maharashtra. This dam is also famous for bird watching as many flamingos are spotted here seasonally.

16. Ukai Dam – Gujarat

It is the second-largest reservoir in Gujarat. It is responsible for irrigation, power generation, and flood control in the Tapi district of Gujarat. This dam is 345ft high and creates the Vallabhsagar reservoir. Its water capacity is the same as Bhakra Nangal Dam and it comes under the state government.

17. Mukkombu Dam – Tamil Nadu

It is a dam by the East India company built-in 1838. It is on the Kaveri river in Jeeyapuram village of Tamil Nadu. This is one of the smallest dams in India with a height of 685 meters. It is inspired by the Kallanai Dam in Tamil Nadu.

18. Cheruthoni Dam – Kerala

It came into being in 1973 and is on the Periyar River. It is a straight gravity concrete dam in Idukki, Kerala. This is the largest gravity dam in Kerala with a height of 453 ft. It comes under the Moolamattom Power Station.

Some other important dams in India are –

No.	Dams	Location	River
1	Dhauli Ganga Dam	Uttarakhand	Dhauli Ganga River
2	Tehri Dam	Uttarakhand	Bhagirathi River

3	Rihand Dam	Uttar Pradesh	Rihand River
4	Perunchani Dam	Tamil Nadu	Paralayar River
5	Vaigai Dam	Tamil Nadu	Vaigai River
6	Mukkombu Dam	Tamil Nadu	Kaveri River
7	Bhavani Sagar dam	Tamil Nadu	Bhavani River
8	Mettur Dam	Tamil Nadu	Kaveri River
9	Kallanai Dam	Tamil Nadu	Kaveri River
10	Nizam Sagar Dam	Telangana	Manjira River
11	Lower Manair Dam	Telangana	Manjira River
12	Singur dam	Telangana	Manjira River
13	Upper Manair Dam	Telangana	Kudlair River
14	Mid Manair Dam	Telangana	Manair River
15	Hirakud Dam	Odisha	Mahanadi River

16	Indravati Dam	Odisha	Indravati River
17	Radhanagari Dam	Maharashtra	Bhogawati River
18	Gangapur Dam	Maharashtra	Godavari river
19	Khadakwasla Dam	Maharashtra	Mutha River
20	Vaitarna Dam	Maharashtra	Vaitarna river
21	Girna Dam	Maharashtra	Girana river
22	Kolkewadi Dam	Maharashtra	Vashishti River
23	Mula Dam	Maharashtra	Mula river
24	Panshet Dam	Maharashtra	Ambi River
25	Tansa Dam	Maharashtra	Tansa river
26	Wilson Dam	Maharashtra	Pravara River
27	Bhatsa Dam	Maharashtra	Bhatsa river
28	Jayakwadi Dam	Maharashtra	Godavari River

29	Mulshi Dam	Maharashtra	Mula River
30	Pawna Dam	Maharashtra	Maval River
31	Ujani Dam	Maharashtra	Bhima River
32	Yeldari Dam	Maharashtra	Purna river
33	Koyna Dam	Maharashtra	Biradari River
34	Jayakwadi Dam	Maharashtra	Godavari River
35	Ujani Dam	Maharashtra	Bhima River
36	Gandhi Sagar Dam	Madhya Pradesh	Chambal River
37	Bansagar Dam	Madhya Pradesh	Sone River
38	Bargi Dam	Madhya Pradesh	Narmada River
39	Indira Sagar Dam	Madhya Pradesh	Narmada River
40	Barna Dam	Madhya Pradesh	Barna River
41	Neyyar Dam	Kerala	Neyyar River

42	Mullaperiyar Dam	Kerala	Periyar River
43	Walayar Dam	Kerala	Walayar River
44	Parambikulam Dam	Kerala	Parambikulam River
45	Kundala Dam	Kerala	Kundala Lake
46	Idukki Dam	Kerala	Periyar River
47	Peechi Dam	Kerala	Manali River
48	Cheruthoni Dam	Kerala	Periyar River
49	Malampuzha Dam	Kerala	Malampuzha River
50	Kodasalli Dam	Karnataka	Kali River
51	Narayanpur Dam	Karnataka	Krishna River
52	Tungabhadra Dam	Karnataka	Tungabhadra River
53	Harangi Dam	Karnataka	Harangi River
54	Krishna Raja Sagara Dam	Karnataka	Kaveri River

55	Supa Dam	Karnataka	Kalinadi river
56	Alamatti Dam	Karnataka	Krishna River
57	Kadra Dam	Karnataka	Kalinadi River
58	Linganamakki dam	Karnataka	Sharavathi River
59	Panchet Dam	Jharkhand	Damodar River
60	Chandil Dam	Jharkhand	Swarnarekha River
61	Maithon Dam	Jharkhand	Barakar River
62	Uri Hydroelectric Dam	Jammu and Kashmir	Jhelum River
63	Dunkhar Hydroelectric Dam	Jammu and Kashmir	Indus River
64	Baglihar Dam	Jammu and Kashmir	Chenab River
65	Chamera Dam	Himachal Pradesh	Ravi River
66	Nathpa Jhakri Dam	Himachal Pradesh	Satluj River
67	Pandoh Dam	Himachal Pradesh	Beas River

68	Bhakra Nangal Dam	Himachal Pradesh	Sutlej River
69	Somasila Dam	Andhra Pradesh	Krishna River
70	Nagarjuna Sagar Dam	Andhra Pradesh	Penna River
71	Srisaillam Dam	Andhra Pradesh	Krishna River
72	Somasila Dam	Andhra Pradesh	Pennar River
73	Dantiwada Dam	Gujarat	Banas River
74	Ukai Dam	Gujarat	Ukai River
75	Sardar Sarovar Dam	Gujarat	Narmada River
76	Kadana dam	Gujarat	Mahi River
77	Dharoi Dam	Gujarat	Sabarmati River

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