



REPUBLIKA E SHQIPËRISË
KOMITETI KOMBËTAR I DIGAVE TË MËDHA

SOME NATIONAL STATISTICAL DATA ON LARGE DAMS IN ALBANIA

Albania is a very rich country with water which, for its vital importance, requires a selection, monitoring and care for the administration and more successful sources of health. Our country is divided into 7 river basins where the waters of 39 main rivers flow. They discharge an average of about 1250 m³/s (40 billion m³ of water per year) into the Adriatic Sea and the Ionian Sea.

Albania has a total land area of 28,748 km². The territory of Albania has a hydro-graph of 44000 km² or 57 % more than the territory of the country. In its hydro graphic territory, about 140 mm of rain fall per year, and in level 1000 m above sea level, snowfalls fall. Due to the non-uniform application of rainfall during the year, the river flows also have large changes. About 70% of the annual flow of our rivers flows in the high water period and 30% flows in the low water period.

A very similar role in the administration of some waters taken in some rivers of the country which can be found in drinking water, agricultural land waters, flood protection, fishing transport and. usually urban. To date, there are approximately **652 large and small dams** in Albania.

According to the Register of Large Dams drawn up by a Committee from the National Committee of Di KDM), in the seller of our products there are **351 large dams** according to law No. 8681, dt.02.11.2000 “on Safety and maintenance of dams”, updated on 14.02.2003.

According to the ICOLD Register, Albania ranks 19th in the world for the total number of large dams and ranks first in Europe for the number of large dams per km² as well as for the number of large dams per 1 million inhabitants.

24 large dams are used for hydro-power production, 325 large dams are used for irrigation (reservoirs of 130 of them are also used for fishing), and 2 large dams are used for drinking water supply.

In Albania there are currently 10 very large dams with a height of over 60 m and 3 main Cascades built on the rivers Drin, Devoll and Mat which are mainly used for hydro-power production as well as for fishing, irrigation, flood protection and natural tourist sites.

Below we provide some key national statistics for the highest dams, oldest dams and largest watersheds in our country.

Also, the graphs of the number of dams according to their height, distribution in the 12 regions of the country and the years of their construction are given.



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1- Tallest Dams

2022

No.	Name of dam	Height of dam in m	Length of Dam crest in m	Location
1	Dam of HEPP Fierza	166.5	380.0	Tropojë & Pukë
2	Dam of HEPP Moglica	166.5	420.0	Maliq, Korçë
3	Dam of HEPP Koman	115.5	275.0	Puke
4	Dam of HEPP Fangut	92.0	403.0	Mat
5	Dam of Bovilla	91.0	130.0	Tiranë
6	Dam of HEPP Banja	80.0	910.0	Gramsh
7	Dam of HEPP Okshtunit	65.0	220.0	Diber
8	Dam of HEPP Ulza	64.0	264.0	Mat
9	Dam of Zadeja in HEPP Vau i Dejës	60.0	387.0	Vau i dejës, Shkodër
10	Diga e Lumar 1	60.0	236.0	Fier
11	Dam of Qyrmaq in HEPP of Vau i Dejës	54.0	514.0	Mat
12	Dam of HEPP Shkopet	48.0	80.0	Lezhë
13	Dam of Janjarit	46.0	323.0	Gramsh
14	Dam of Belesova	42.0	304.0	Berat



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2- Oldest Dams

2022

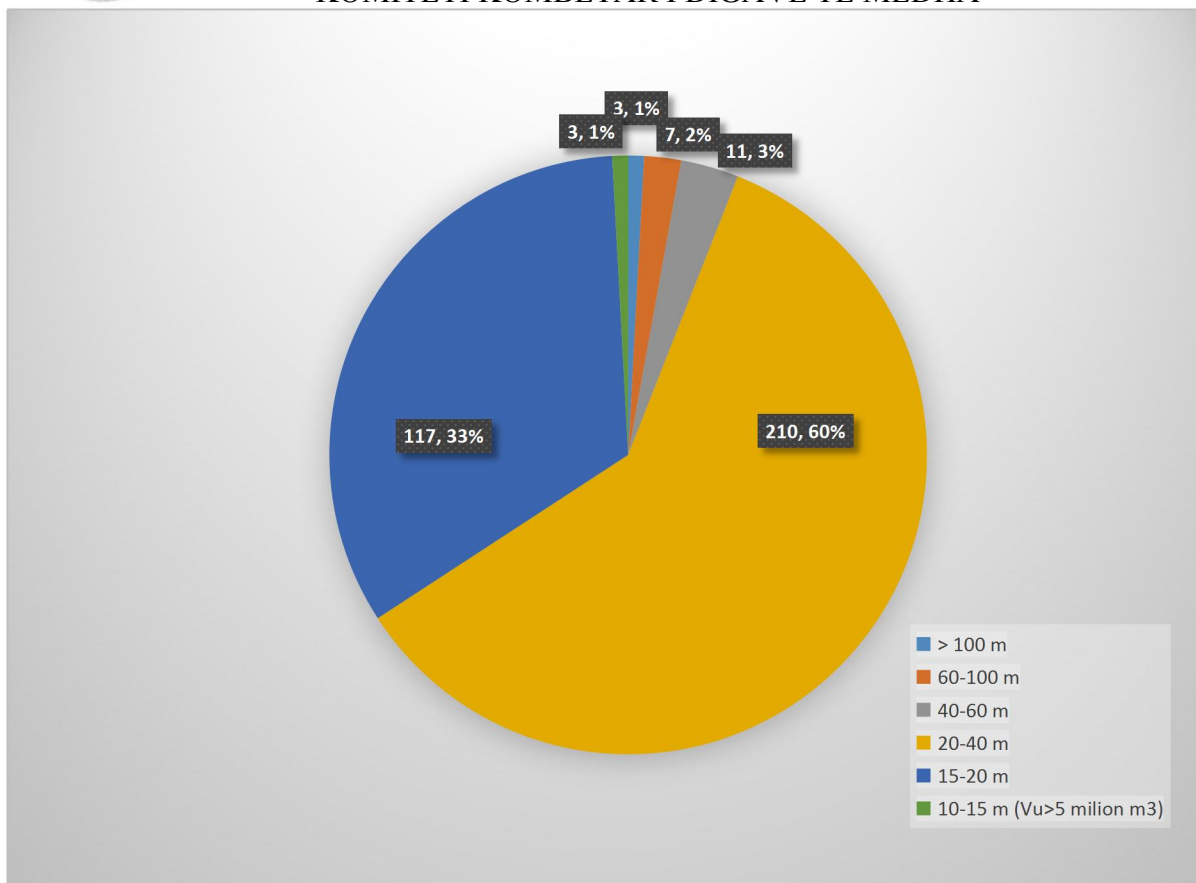
Nr.	Name of dam	Completion year	Height of dam in m	Location
1	Dam of HEPP Ulza	1957	64.0	Mat
2	Dam of artificial lake of Tirana	1959	17.0	Tiranë
3	Dam of Zall Herr 2	1960	22.0	Tiranë
4	Dam of Kurjanit	1961	17.0	Roskovec
5	Dam of HEPP Shkopet	1962	48.0	Mat
6	Dam of Tarin	1962	30.0	Durrës
7	Dam of Murriz-Thanë	1962	12.5	Lushnjë
8	Dam of Callik	1963	33.0	Shijak
9	Dam of Kamenicë	1963	24.0	Korcë
10	Dam of Shargës	1963	23.0	Tiranë
11	Dam of Grizhës	1963	22.0	Shkodër
12	Dam of Graves	1963	18.0	Finiq
13	Dam of Gjokaj 1	1963	17.0	Vorë
14	Dam of Karroq	1963	16.0	Finiq
15	Dam of HEPP Bistrice	1964	23.0	Delvinë

3- Biggest Reservoirs, Vu > 10 milion m3

2022

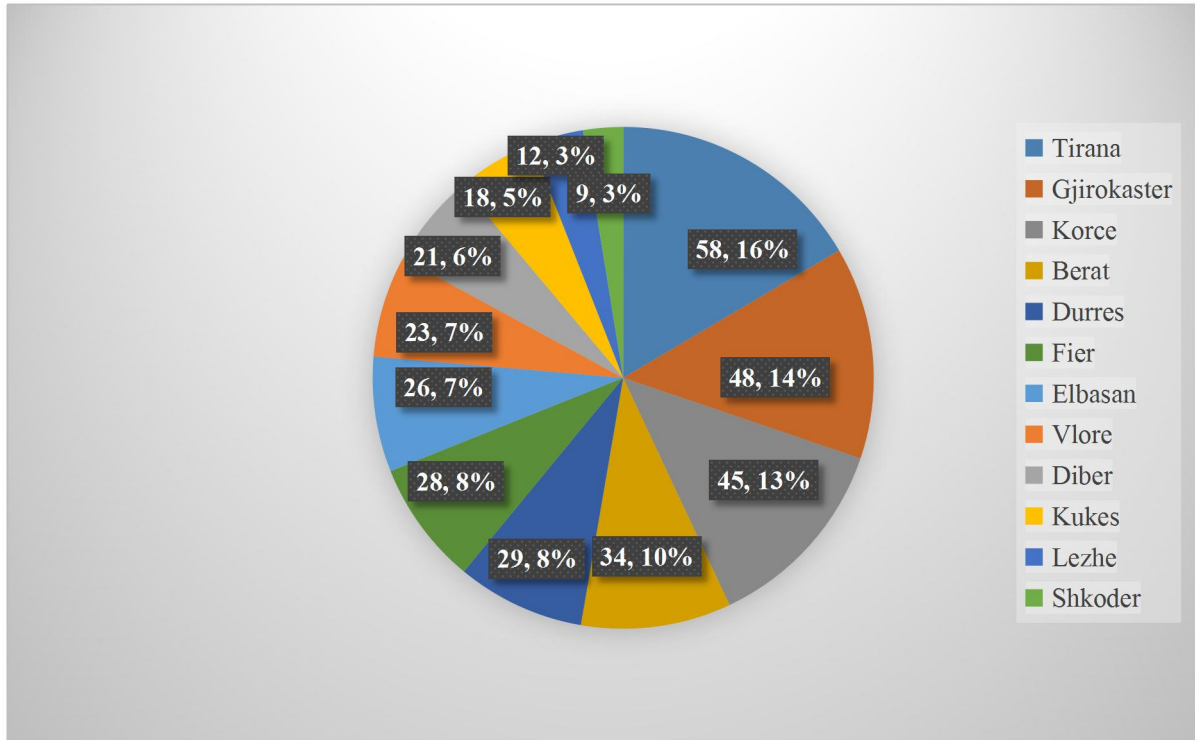
Nr.	Name of Reservoir	Water Volume in m3	Water surface of reservoir in m2	River where is dam axe
1	Reservoir of HEPP Fierza	2 193 000 000	61 472 600	Lumi Drin
2	Reservoir of HEPP Vau i Dejës	499 000 000	21 404 860	Lumi Drin
3	Reservoir of HEPP Koman	432 000 000	12 150 300	Lumi Drin
4	Reservoir of HEPP Banja	415 000 000	18 700 000	Lumi Devoll
5	Reservoir of HEPP Moglica	378 000 000	7 441 350	Lumi Devoll
6	Reservoir of HEPP Fangut	203 400 000	7 534 890	Lumi Fan
7	Reservoir of HEPP Ulza	157 700 000	12 000 000	Lumi Mat
8	Reservoir of Bovilla dam	78 000 000	3 750 000	Lumi i Tërkuzës
9	Reservoir of Murriz Thana dam	60 000 000	8 100 000	Lumi Devoll
10	Reservoir of Kurjan dam	31 500 000	3 500 000	Allambre-Ngjeqar
11	Reservoir of HEPP Shkopet	18 300 000	840 000	Lumi Mat
12	Reservoir of Dofiti -Bulo dam	12 600 000	1 270 000	Lumi Suha
13	Reservoir of Janjar dam	15 200 000	1 550 000	Lumi Gjergjica
14	Reservoir of Shtodri dam	11 000 000	980 000	Perroi i brigjeve
	Total	4 504 700 000	160 694 000	

4- Graph for number of large dams according to height



5- Graph of large dams according to districts

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6- Graph of number of large dams according to completion years

