



- . There are > 442 dams in the Free State with a capacity > 20 000 m³ (domestic, industrial, irrigation, stock watering and flood control.)
- . Total capacity:
 - . **11,448,552,000,000 liters**
 - . **11,448,552,000 m³**

The 10 largest dams are:

Dam	Completed	Raised	River	Capacity (mil. m ³)
Gariep	1971		Orange	2,672*
Sterkfontein	1980	1986	Nuwejaarspruit	2,616
Vanderkloof	1977		Orange	1,594*
Vaal	1938	1985	Vaal	1,902*
Bloemhof	1970		Vaal	1,269
Kalkfontein	1938		Riet	258
Erfenis	1960		Vet	212
Allemanskraal	1960		Sand	179
Knelpoort	1989		Riet	136
Rustfontein	1955		Modder	72
Loskop	1939	1979	Olifants	361

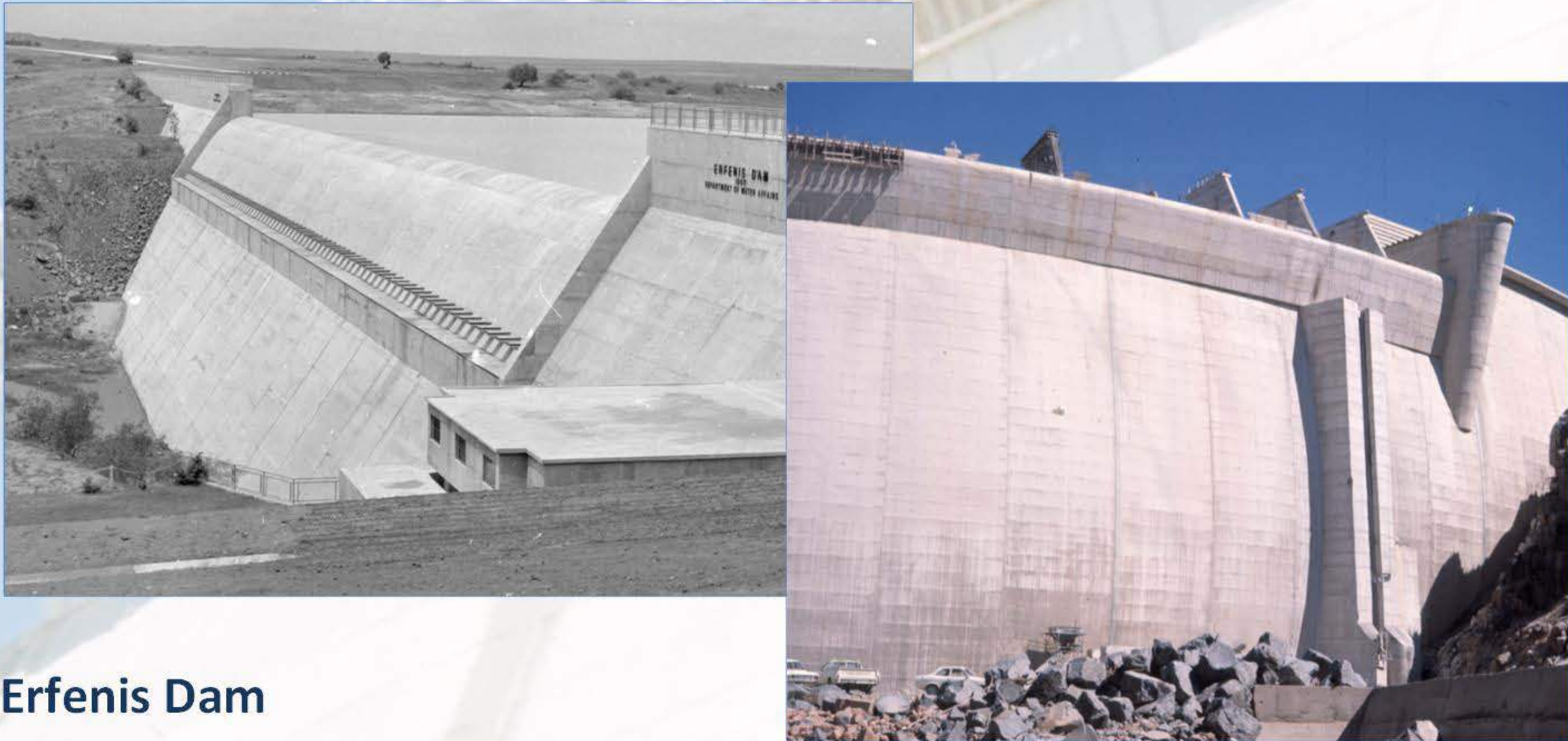
Proportional capacities of the dams with common borders with neighbour provinces.

The capacity of these 10 dams is **10,910 million liters (95% of the total capacity of the dams in the Free State)** and **50% of the capacity can provide a sufficient supply of domestic water (150 l/p/d) to > 99 million people for 1 year.**

The Free State is the “**Big Dam**” province. **Eighty-one (81)** dams have a total capacity of **> 1 million m³** which is **99 %** of the total capacity of all the dams in the Free State. The total capacity of the Free State dams is 32% of the total capacity of all the dams in South Africa

The total surface area of all the dams in the Free State is **> 116,000 ha (1,160 km² or 34 x 34 km).**

The heights of the 10 largest dams range from 34 m (Erfenis Dam) to 108 m (Vanderkloof Dam).



Erfenis Dam

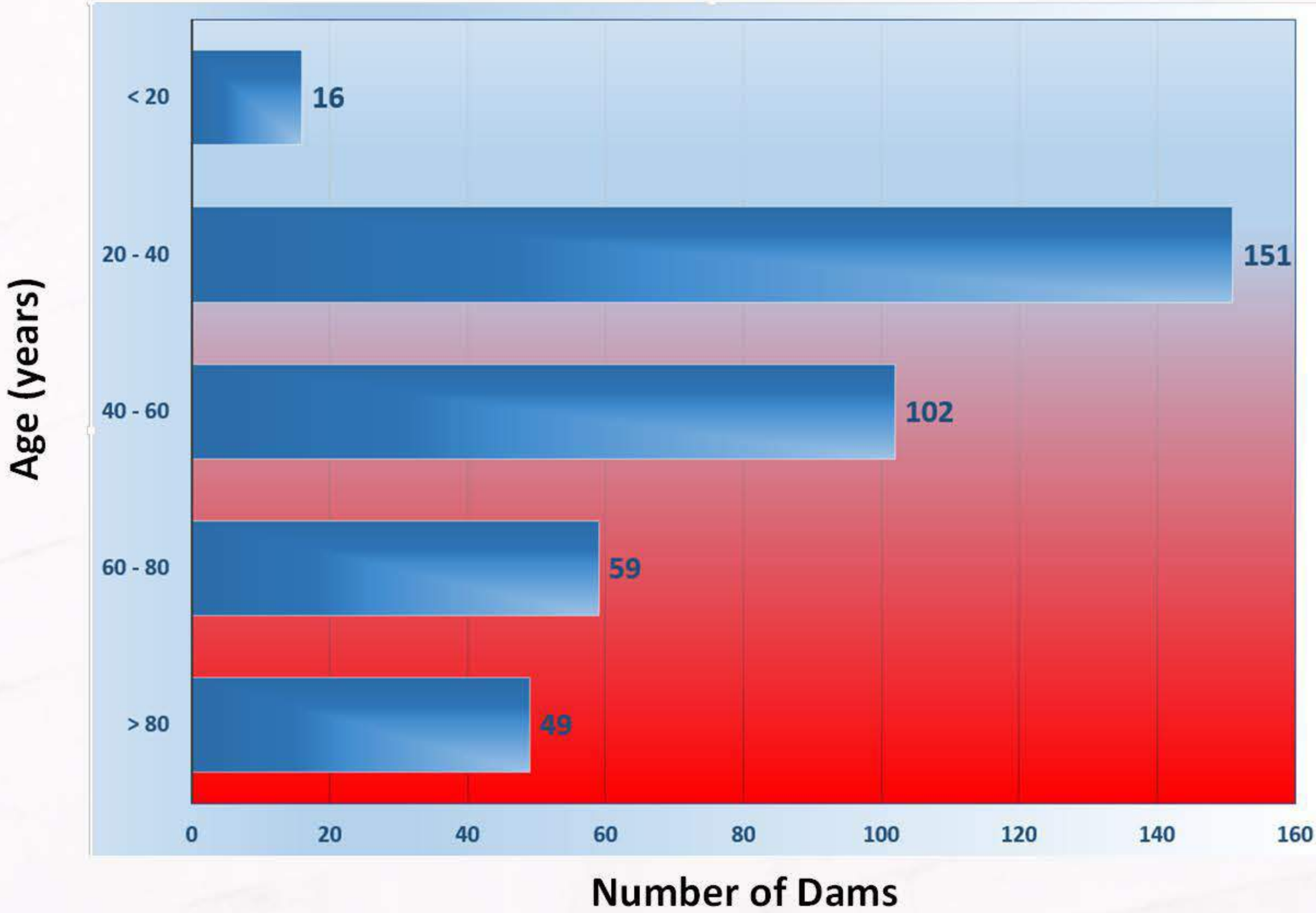
Vanderkloof Dam

Surface Area of the Free State Dams



. The Department of Water and Sanitation is owner/co-owner of **35** dams with a total capacity of **9,923 million m³ (> 97% of the total dam capacity in the Free State).**

Age of Dams in the Free State



Distribution: Capacity – Number of Dams

