

## Dijio Dam

Location	24.1167° N, 73.4167° E
State	Gujarat
Nearest City	Khedbrahma
Year of Completion	1967
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Wangha
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	731.0 m
Reservoir Area	158989.0 m <sup>2</sup>
Gross storage capacity	1726000.0 m <sup>3</sup>
Effective storage capacity	1330000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	181.0 km <sup>2</sup>
Perimeter of catchment	78.8 km
Basin Length	20567.0 m
Form factor	0.42799
Circularity ratio	0.36672
Elongation ratio	0.73795
Highest Stream order	7
Max elevation	932.0 m
Min elevation	399.0 m
Mean bifurcation ratio	3.0800
Stream frequency	76.2780 per km <sup>2</sup>
Relief	533.00 m
Drainage density	10.2400 km/km <sup>2</sup>
Length of overland flow	48.828 m

## CATCHMENT CLIMATOLOGY

