

## Dhandh Dam

Location	22.2197° N, 69.2947° E
State	Gujarat
Nearest City	Kalyanpur
Year of Completion	1985
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Voklo
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	1365736.0 m <sup>2</sup>
Gross storage capacity	4440000.0 m <sup>3</sup>
Effective storage capacity	3480000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	98.1 km <sup>2</sup>
Perimeter of catchment	54.1 km
Basin Length	16986.0 m
Form factor	0.34010
Circularity ratio	0.42098
Elongation ratio	0.65782
Highest Stream order	6
Max elevation	62.0 m
Min elevation	7.0 m
Mean bifurcation ratio	2.4886
Stream frequency	73.4040 per km <sup>2</sup>
Relief	55.00 m
Drainage density	9.7540 km/km <sup>2</sup>
Length of overland flow	51.261 m

## CATCHMENT CLIMATOLOGY

