

## Dhaniyawala Dam

Location	22.0425° N, 73.9003° E
State	Gujarat
Nearest City	Naswadi
Year of Completion	1982
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	T- Narmada
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	515.0 m
Reservoir Area	195200.0 m <sup>2</sup>
Gross storage capacity	878000.0 m <sup>3</sup>
Effective storage capacity	850000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.5 km <sup>2</sup>
Perimeter of catchment	15.0 km
Basin Length	5204.5 m
Form factor	0.34988
Circularity ratio	0.52748
Elongation ratio	0.66722
Highest Stream order	4
Max elevation	314.0 m
Min elevation	162.0 m
Mean bifurcation ratio	2.7209
Stream frequency	74.6000 per km <sup>2</sup>
Relief	152.00 m
Drainage density	9.9320 km/km <sup>2</sup>
Length of overland flow	50.343 m

## CATCHMENT CLIMATOLOGY

