

## Adhochhani Dam

Location	23.2925° N, 69.3625° E
State	Gujarat
Nearest City	Nakhatrana
Year of Completion	1956
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Adhochhani
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	1000.0 m
Reservoir Area	526727.0 m <sup>2</sup>
Gross storage capacity	3130000.0 m <sup>3</sup>
Effective storage capacity	3130000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.8 km <sup>2</sup>
Perimeter of catchment	28.7 km
Basin Length	8933.5 m
Form factor	0.56174
Circularity ratio	0.68391
Elongation ratio	0.84543
Highest Stream order	6
Max elevation	329.0 m
Min elevation	118.0 m
Mean bifurcation ratio	2.7687
Stream frequency	80.2130 per km <sup>2</sup>
Relief	211.00 m
Drainage density	11.0030 km/km <sup>2</sup>
Length of overland flow	45.441 m

## CATCHMENT CLIMATOLOGY

