

## Sandhara Dam

Location	23.2722° N, 69.6486° E
State	Gujarat
Nearest City	Kachchh
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bhuj
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.4 m
Dam length	335.0 m
Reservoir Area	85000.0 m <sup>2</sup>
Gross storage capacity	450000.0 m <sup>3</sup>
Effective storage capacity	139000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	179.3 km <sup>2</sup>
Perimeter of catchment	72.2 km
Basin Length	21369.0 m
Form factor	0.39271
Circularity ratio	0.43207
Elongation ratio	0.70688
Highest Stream order	7
Max elevation	271.0 m
Min elevation	71.0 m
Mean bifurcation ratio	2.4688
Stream frequency	76.7540 per km <sup>2</sup>
Relief	200.00 m
Drainage density	10.4080 km/km <sup>2</sup>
Length of overland flow	48.039 m

## CATCHMENT CLIMATOLOGY

