

## Bandi Sandhara Dam

Location	24.9636° N, 72.4383° E
State	Rajasthan
Nearest City	Bhinmal
Year of Completion	2008
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Bandi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.1 m
Dam length	2704.0 m
Reservoir Area	6195200.0 m <sup>2</sup>
Gross storage capacity	28690000.0 m <sup>3</sup>
Effective storage capacity	25980000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	427.7 km <sup>2</sup>
Perimeter of catchment	107.3 km
Basin Length	33070.0 m
Form factor	0.39111
Circularity ratio	0.46678
Elongation ratio	0.70544
Highest Stream order	7
Max elevation	959.0 m
Min elevation	195.0 m
Mean bifurcation ratio	2.6629
Stream frequency	72.9190 per km <sup>2</sup>
Relief	764.00 m
Drainage density	9.5840 km/km <sup>2</sup>
Length of overland flow	52.170 m

## CATCHMENT CLIMATOLOGY

