

Bandhara Dam

Location	23.0739° N, 69.7089° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1978
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bhuj
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	338.0 m
Reservoir Area	4700000.0 m ²
Gross storage capacity	270000.0 m ³
Effective storage capacity	115000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	11.5 km
Basin Length	4510.3 m
Form factor	0.24958
Circularity ratio	0.48418
Elongation ratio	0.56352
Highest Stream order	4
Max elevation	231.0 m
Min elevation	123.0 m
Mean bifurcation ratio	2.6691
Stream frequency	76.8150 per km ²
Relief	108.00 m
Drainage density	9.4240 km/km ²
Length of overland flow	53.057 m

CATCHMENT CLIMATOLOGY

