

## Sherdi Dam

Location	21.5969° N, 70.1661° E
State	Gujarat
Nearest City	Manavadar
Year of Completion	2010
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dhundhavi
Dam Type	Other
Height above lowest foundation level	12.2 m
Dam length	4050.0 m
Reservoir Area	1320000.0 m <sup>2</sup>
Gross storage capacity	1010000.0 m <sup>3</sup>
Effective storage capacity	1010000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.3 km <sup>2</sup>
Perimeter of catchment	19.3 km
Basin Length	7320.5 m
Form factor	0.24902
Circularity ratio	0.45222
Elongation ratio	0.56289
Highest Stream order	5
Max elevation	48.0 m
Min elevation	26.0 m
Mean bifurcation ratio	4.3557
Stream frequency	72.4630 per km <sup>2</sup>
Relief	22.00 m
Drainage density	9.0640 km/km <sup>2</sup>
Length of overland flow	55.166 m

## CATCHMENT CLIMATOLOGY

