

## Saputara Dam

Location	20.5761° N, 73.7481° E
State	Gujarat
Nearest City	Dang
Year of Completion	1969
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	Sarapganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.0 m
Dam length	488.0 m
Reservoir Area	145000.0 m <sup>2</sup>
Gross storage capacity	637000.0 m <sup>3</sup>
Effective storage capacity	637000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km <sup>2</sup>
Perimeter of catchment	6.8 km
Basin Length	1474.0 m
Form factor	0.96010
Circularity ratio	0.56089
Elongation ratio	1.10530
Highest Stream order	4
Max elevation	973.0 m
Min elevation	814.0 m
Mean bifurcation ratio	2.4884
Stream frequency	74.7810 per km <sup>2</sup>
Relief	159.00 m
Drainage density	9.6260 km/km <sup>2</sup>
Length of overland flow	51.944 m

## CATCHMENT CLIMATOLOGY

