

## Hamapur Dam

Location	21.4103° N, 70.9878° E
State	Gujarat
Nearest City	Kunkavav Vadia
Year of Completion	Not Available
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T-Machhu
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	113400.0 m <sup>2</sup>
Gross storage capacity	856730.0 m <sup>3</sup>
Effective storage capacity	767500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km <sup>2</sup>
Perimeter of catchment	18.5 km
Basin Length	7457.0 m
Form factor	0.17873
Circularity ratio	0.36695
Elongation ratio	0.47688
Highest Stream order	5
Max elevation	242.0 m
Min elevation	178.0 m
Mean bifurcation ratio	2.2400
Stream frequency	71.6390 per km <sup>2</sup>
Relief	64.00 m
Drainage density	9.4000 km/km <sup>2</sup>
Length of overland flow	53.189 m

## CATCHMENT CLIMATOLOGY

