

## Pedcholi Dam

Location	24.2361° N, 72.6864° E
State	Gujarat
Nearest City	Patan
Year of Completion	2004
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Saraswati
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	298.0 m
Reservoir Area	60745000.0 m <sup>2</sup>
Gross storage capacity	823100000.0 m <sup>3</sup>
Effective storage capacity	735040000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km <sup>2</sup>
Perimeter of catchment	10.0 km
Basin Length	2854.8 m
Form factor	0.60365
Circularity ratio	0.62374
Elongation ratio	0.87640
Highest Stream order	4
Max elevation	735.0 m
Min elevation	322.0 m
Mean bifurcation ratio	2.5309
Stream frequency	88.0150 per km <sup>2</sup>
Relief	413.00 m
Drainage density	12.0080 km/km <sup>2</sup>
Length of overland flow	41.639 m

## CATCHMENT CLIMATOLOGY

