

## Mohilapada Dam

Location	23.3361° N, 73.8333° E
State	Gujarat
Nearest City	S Pur
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	156.7 m
Reservoir Area	213000.0 m <sup>2</sup>
Gross storage capacity	669000.0 m <sup>3</sup>
Effective storage capacity	597000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.6 km <sup>2</sup>
Perimeter of catchment	37.2 km
Basin Length	12945.0 m
Form factor	0.30779
Circularity ratio	0.46921
Elongation ratio	0.62580
Highest Stream order	6
Max elevation	237.0 m
Min elevation	90.0 m
Mean bifurcation ratio	5.9392
Stream frequency	73.7310 per km <sup>2</sup>
Relief	147.00 m
Drainage density	9.8550 km/km <sup>2</sup>
Length of overland flow	50.738 m

## CATCHMENT CLIMATOLOGY

