

## Mendipada Dam

Location	21.2842° N, 74.0636° E
State	Maharashtra
Nearest City	Nawapur
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	595.0 m
Reservoir Area	906700.0 m <sup>2</sup>
Gross storage capacity	3350000.0 m <sup>3</sup>
Effective storage capacity	3230000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km <sup>2</sup>
Perimeter of catchment	13.7 km
Basin Length	4975.8 m
Form factor	0.27241
Circularity ratio	0.45068
Elongation ratio	0.58873
Highest Stream order	5
Max elevation	287.0 m
Min elevation	207.0 m
Mean bifurcation ratio	2.6821
Stream frequency	69.9840 per km <sup>2</sup>
Relief	80.00 m
Drainage density	8.9550 km/km <sup>2</sup>
Length of overland flow	55.832 m

## CATCHMENT CLIMATOLOGY

