

## Tanda Dam

Location	23.1928° N, 76.4936° E
State	Madhya Pradesh
Nearest City	Shujalpur
Year of Completion	1989
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	720.0 m
Reservoir Area	350500.0 m <sup>2</sup>
Gross storage capacity	976200.0 m <sup>3</sup>
Effective storage capacity	894200.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km <sup>2</sup>
Perimeter of catchment	8.9 km
Basin Length	2603.5 m
Form factor	0.64918
Circularity ratio	0.69885
Elongation ratio	0.90885
Highest Stream order	5
Max elevation	522.0 m
Min elevation	464.0 m
Mean bifurcation ratio	4.2139
Stream frequency	78.4030 per km <sup>2</sup>
Relief	58.00 m
Drainage density	10.5640 km/km <sup>2</sup>
Length of overland flow	47.331 m

## CATCHMENT CLIMATOLOGY

