

## Nainawad Dam

Location	23.3731° N, 76.2358° E
State	Madhya Pradesh
Nearest City	Tarana
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	570.0 m
Reservoir Area	234000.0 m <sup>2</sup>
Gross storage capacity	830000.0 m <sup>3</sup>
Effective storage capacity	742000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km <sup>2</sup>
Perimeter of catchment	8.0 km
Basin Length	2189.8 m
Form factor	0.74414
Circularity ratio	0.69576
Elongation ratio	0.97305
Highest Stream order	4
Max elevation	519.0 m
Min elevation	457.0 m
Mean bifurcation ratio	2.4857
Stream frequency	80.4280 per km <sup>2</sup>
Relief	62.00 m
Drainage density	10.9490 km/km <sup>2</sup>
Length of overland flow	45.667 m

## CATCHMENT CLIMATOLOGY

