

## Mudana Dam

Location	19.7400° N, 77.7617° E
State	Maharashtra
Nearest City	Mahagaon
Year of Completion	1800
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	637.0 m
Reservoir Area	500000.0 m <sup>2</sup>
Gross storage capacity	1020000.0 m <sup>3</sup>
Effective storage capacity	1000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km <sup>2</sup>
Perimeter of catchment	9.8 km
Basin Length	2902.4 m
Form factor	0.67137
Circularity ratio	0.74171
Elongation ratio	0.92425
Highest Stream order	4
Max elevation	355.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.7690
Stream frequency	73.0260 per km <sup>2</sup>
Relief	47.00 m
Drainage density	9.6700 km/km <sup>2</sup>
Length of overland flow	51.708 m

## CATCHMENT CLIMATOLOGY

