

## Narayanpura Dam

Location	24.5136° N, 79.0689° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1926
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1143.0 m
Reservoir Area	1345000.0 m <sup>2</sup>
Gross storage capacity	1357000.0 m <sup>3</sup>
Effective storage capacity	1281000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km <sup>2</sup>
Perimeter of catchment	8.8 km
Basin Length	2919.3 m
Form factor	0.44341
Circularity ratio	0.61010
Elongation ratio	0.75113
Highest Stream order	4
Max elevation	364.0 m
Min elevation	332.0 m
Mean bifurcation ratio	2.1577
Stream frequency	77.5380 per km <sup>2</sup>
Relief	32.00 m
Drainage density	9.8110 km/km <sup>2</sup>
Length of overland flow	50.961 m

## CATCHMENT CLIMATOLOGY

