

Nandna Dam

Location	21.9372° N, 79.2492° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Kanhar
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.2 m
Dam length	398.0 m
Reservoir Area	217000.0 m ²
Gross storage capacity	1290000.0 m ³
Effective storage capacity	1223000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km ²
Perimeter of catchment	8.5 km
Basin Length	2566.3 m
Form factor	0.76532
Circularity ratio	0.87928
Elongation ratio	0.98680
Highest Stream order	4
Max elevation	608.0 m
Min elevation	551.0 m
Mean bifurcation ratio	2.4652
Stream frequency	78.1690 per km ²
Relief	57.00 m
Drainage density	10.1730 km/km ²
Length of overland flow	49.149 m

CATCHMENT CLIMATOLOGY

