

Nadia Dam

Location	22.9292° N, 79.4567° E
State	Madhya Pradesh
Nearest City	Narsinghpur
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	119.0 m
Reservoir Area	910000.0 m ²
Gross storage capacity	2385000.0 m ³
Effective storage capacity	2182000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.2 km ²
Perimeter of catchment	13.2 km
Basin Length	4098.3 m
Form factor	0.48955
Circularity ratio	0.58941
Elongation ratio	0.78923
Highest Stream order	5
Max elevation	472.0 m
Min elevation	383.0 m
Mean bifurcation ratio	3.7578
Stream frequency	81.9700 per km ²
Relief	89.00 m
Drainage density	11.0540 km/km ²
Length of overland flow	45.231 m

CATCHMENT CLIMATOLOGY

