

Narola Dam

Location	23.4064° N, 76.8108° E
State	Madhya Pradesh
Nearest City	Shajapur
Year of Completion	1916
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	2148.0 m
Reservoir Area	1354000.0 m ²
Gross storage capacity	3240000.0 m ³
Effective storage capacity	3087200.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.5 km ²
Perimeter of catchment	25.7 km
Basin Length	9212.0 m
Form factor	0.41856
Circularity ratio	0.67361
Elongation ratio	0.72977
Highest Stream order	6
Max elevation	495.0 m
Min elevation	455.0 m
Mean bifurcation ratio	2.2741
Stream frequency	73.3400 per km ²
Relief	40.00 m
Drainage density	9.5090 km/km ²
Length of overland flow	52.582 m

CATCHMENT CLIMATOLOGY

