

Navegaon Dam

Location	22.0264° N, 79.0414° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	600.0 m
Reservoir Area	640000.0 m ²
Gross storage capacity	1690000.0 m ³
Effective storage capacity	1548000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km ²
Perimeter of catchment	12.3 km
Basin Length	3439.9 m
Form factor	0.73538
Circularity ratio	0.72827
Elongation ratio	0.96731
Highest Stream order	5
Max elevation	734.0 m
Min elevation	640.0 m
Mean bifurcation ratio	2.8385
Stream frequency	81.9390 per km ²
Relief	94.00 m
Drainage density	11.2190 km/km ²
Length of overland flow	44.569 m

CATCHMENT CLIMATOLOGY

