

Naren Dam

Location	24.0228° N, 77.7561° E
State	Madhya Pradesh
Nearest City	Basoda
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Naren
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.9 m
Dam length	3567.0 m
Reservoir Area	8217000.0 m ²
Gross storage capacity	18820000.0 m ³
Effective storage capacity	18328000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.2 km ²
Perimeter of catchment	34.4 km
Basin Length	13465.0 m
Form factor	0.26569
Circularity ratio	0.51125
Elongation ratio	0.58143
Highest Stream order	6
Max elevation	537.0 m
Min elevation	438.0 m
Mean bifurcation ratio	2.1903
Stream frequency	80.4440 per km ²
Relief	99.00 m
Drainage density	11.1750 km/km ²
Length of overland flow	44.744 m

CATCHMENT CLIMATOLOGY

