

Nakheri Dam

Location	22.4639° N, 75.7489° E
State	Madhya Pradesh
Nearest City	Mhow
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Nakheri
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.5 m
Dam length	480.0 m
Reservoir Area	425100.0 m ²
Gross storage capacity	3260000.0 m ³
Effective storage capacity	2231000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.3 km ²
Perimeter of catchment	21.9 km
Basin Length	8000.4 m
Form factor	0.37923
Circularity ratio	0.63829
Elongation ratio	0.69464
Highest Stream order	5
Max elevation	834.0 m
Min elevation	588.0 m
Mean bifurcation ratio	2.4173
Stream frequency	84.7870 per km ²
Relief	246.00 m
Drainage density	12.0520 km/km ²
Length of overland flow	41.488 m

CATCHMENT CLIMATOLOGY

