

Unnai Dam

Location	23.0189° N, 74.7350° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Sairi Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	360.0 m
Reservoir Area	272173.0 m ²
Gross storage capacity	2007000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km ²
Perimeter of catchment	15.7 km
Basin Length	4280.4 m
Form factor	0.60865
Circularity ratio	0.56924
Elongation ratio	0.88002
Highest Stream order	5
Max elevation	436.0 m
Min elevation	401.0 m
Mean bifurcation ratio	2.3620
Stream frequency	68.0620 per km ²
Relief	35.00 m
Drainage density	8.5310 km/km ²
Length of overland flow	58.609 m

CATCHMENT CLIMATOLOGY

