

Umra Nalla Dam

Location	21.9686° N, 78.7628° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	1020.0 m
Reservoir Area	886000.0 m ²
Gross storage capacity	3032000.0 m ³
Effective storage capacity	2604000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.2 km ²
Perimeter of catchment	15.0 km
Basin Length	5463.2 m
Form factor	0.40724
Circularity ratio	0.68042
Elongation ratio	0.71984
Highest Stream order	5
Max elevation	807.0 m
Min elevation	702.0 m
Mean bifurcation ratio	2.8837
Stream frequency	78.7350 per km ²
Relief	105.00 m
Drainage density	10.9230 km/km ²
Length of overland flow	45.777 m

CATCHMENT CLIMATOLOGY

