

## Umaria Dam

Location	22.4303° N, 78.6492° E
State	Madhya Pradesh
Nearest City	Parasia
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.1 m
Dam length	1020.0 m
Reservoir Area	280800.0 m <sup>2</sup>
Gross storage capacity	1285000.0 m <sup>3</sup>
Effective storage capacity	1201000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km <sup>2</sup>
Perimeter of catchment	12.1 km
Basin Length	4363.3 m
Form factor	0.20826
Circularity ratio	0.34094
Elongation ratio	0.51477
Highest Stream order	4
Max elevation	863.0 m
Min elevation	561.0 m
Mean bifurcation ratio	3.7853
Stream frequency	84.4900 per km <sup>2</sup>
Relief	302.00 m
Drainage density	11.3140 km/km <sup>2</sup>
Length of overland flow	44.193 m

## CATCHMENT CLIMATOLOGY

