

Umariya Dam

Location	23.6611° N, 80.0761° E
State	Madhya Pradesh
Nearest City	Shahpur
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	310.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	1147000.0 m ³
Effective storage capacity	1087000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km ²
Perimeter of catchment	5.1 km
Basin Length	1051.8 m
Form factor	1.32010
Circularity ratio	0.69831
Elongation ratio	1.29600
Highest Stream order	4
Max elevation	434.0 m
Min elevation	397.0 m
Mean bifurcation ratio	3.2845
Stream frequency	82.8610 per km ²
Relief	37.00 m
Drainage density	10.5540 km/km ²
Length of overland flow	47.374 m

CATCHMENT CLIMATOLOGY

