

Umrale Dam

Location	20.2531° N, 73.7636° E
State	Maharashtra
Nearest City	Dindori.
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	640.0 m
Reservoir Area	265600.0 m ²
Gross storage capacity	1111000.0 m ³
Effective storage capacity	1087000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	9.5 km
Basin Length	2340.1 m
Form factor	0.98169
Circularity ratio	0.75399
Elongation ratio	1.11760
Highest Stream order	5
Max elevation	755.0 m
Min elevation	647.0 m
Mean bifurcation ratio	10.0850
Stream frequency	78.5010 per km ²
Relief	108.00 m
Drainage density	10.7580 km/km ²
Length of overland flow	46.476 m

CATCHMENT CLIMATOLOGY

