

Umra Shamshodin Dam

Location	20.0925° N, 77.2742° E
State	Maharashtra
Nearest City	Washim
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1270.0 m
Reservoir Area	124000.0 m ²
Gross storage capacity	2477000.0 m ³
Effective storage capacity	2260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km ²
Perimeter of catchment	14.0 km
Basin Length	4033.8 m
Form factor	0.77750
Circularity ratio	0.81206
Elongation ratio	0.99463
Highest Stream order	6
Max elevation	559.0 m
Min elevation	519.0 m
Mean bifurcation ratio	3.0618
Stream frequency	70.5070 per km ²
Relief	40.00 m
Drainage density	9.4610 km/km ²
Length of overland flow	52.848 m

CATCHMENT CLIMATOLOGY

