

Umrar Dam

Location	23.4922° N, 80.8239° E
State	Madhya Pradesh
Nearest City	Umaria
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Umrar
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.8 m
Dam length	995.0 m
Reservoir Area	3430000.0 m ²
Gross storage capacity	18900000.0 m ³
Effective storage capacity	16700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49.5 km ²
Perimeter of catchment	35.0 km
Basin Length	11900.0 m
Form factor	0.34941
Circularity ratio	0.50691
Elongation ratio	0.66677
Highest Stream order	6
Max elevation	831.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.4251
Stream frequency	82.7750 per km ²
Relief	371.00 m
Drainage density	11.6610 km/km ²
Length of overland flow	42.877 m

CATCHMENT CLIMATOLOGY

