

Umariya Dalel Dam

Location	21.9214° N, 78.8714° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Chhind Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	360.0 m
Reservoir Area	291000.0 m ²
Gross storage capacity	2284000.0 m ³
Effective storage capacity	1927000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.7 km ²
Perimeter of catchment	25.5 km
Basin Length	9711.7 m
Form factor	0.18765
Circularity ratio	0.34133
Elongation ratio	0.48864
Highest Stream order	5
Max elevation	771.0 m
Min elevation	639.0 m
Mean bifurcation ratio	2.3575
Stream frequency	77.6900 per km ²
Relief	132.00 m
Drainage density	10.7920 km/km ²
Length of overland flow	46.329 m

CATCHMENT CLIMATOLOGY

