

Umarhar Dam

Location	24.2117° N, 82.3644° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1992
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	230.0 m
Reservoir Area	125000.0 m ²
Gross storage capacity	1225000.0 m ³
Effective storage capacity	1110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	14.0 km
Basin Length	4389.8 m
Form factor	0.56762
Circularity ratio	0.69994
Elongation ratio	0.84984
Highest Stream order	5
Max elevation	415.0 m
Min elevation	367.0 m
Mean bifurcation ratio	2.5403
Stream frequency	71.9500 per km ²
Relief	48.00 m
Drainage density	8.9460 km/km ²
Length of overland flow	55.890 m

CATCHMENT CLIMATOLOGY

