

Katkiya Dam

Location	22.8822° N, 75.6908° E
State	Madhya Pradesh
Nearest City	Indore
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	1966.5 m
Reservoir Area	464800.0 m ²
Gross storage capacity	567000.0 m ³
Effective storage capacity	534000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	547.0 km ²
Perimeter of catchment	147.9 km
Basin Length	50221.0 m
Form factor	0.21689
Circularity ratio	0.31454
Elongation ratio	0.52533
Highest Stream order	7
Max elevation	793.0 m
Min elevation	502.0 m
Mean bifurcation ratio	2.5898
Stream frequency	75.4270 per km ²
Relief	291.00 m
Drainage density	10.2320 km/km ²
Length of overland flow	48.866 m

CATCHMENT CLIMATOLOGY

