

Kabadia Dam

Location	22.0828° N, 78.9958° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	770.0 m
Reservoir Area	330000.0 m ²
Gross storage capacity	1200000.0 m ³
Effective storage capacity	1150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	10.2 km
Basin Length	2709.3 m
Form factor	0.50665
Circularity ratio	0.45086
Elongation ratio	0.80290
Highest Stream order	4
Max elevation	746.0 m
Min elevation	676.0 m
Mean bifurcation ratio	2.7558
Stream frequency	79.0550 per km ²
Relief	70.00 m
Drainage density	10.7440 km/km ²
Length of overland flow	46.539 m

CATCHMENT CLIMATOLOGY

