

Kumhari Dam

Location	21.4942° N, 81.9086° E
State	Chhattisgarh
Nearest City	Raipur
Year of Completion	1927
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Banjari Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	2076.0 m
Reservoir Area	3992000.0 m ²
Gross storage capacity	11610000.0 m ³
Effective storage capacity	11350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.2 km ²
Perimeter of catchment	20.9 km
Basin Length	6946.0 m
Form factor	0.27363
Circularity ratio	0.38092
Elongation ratio	0.59006
Highest Stream order	5
Max elevation	314.0 m
Min elevation	282.0 m
Mean bifurcation ratio	1.9355
Stream frequency	68.6260 per km ²
Relief	32.00 m
Drainage density	8.7210 km/km ²
Length of overland flow	57.330 m

CATCHMENT CLIMATOLOGY

