

Mankeshwari Dam

Location	20.2467° N, 81.4650° E
State	Chhattisgarh
Nearest City	Kanker
Year of Completion	1980
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	676.0 m
Reservoir Area	275000.0 m ²
Gross storage capacity	848000.0 m ³
Effective storage capacity	786000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.5 km ²
Perimeter of catchment	14.5 km
Basin Length	5426.6 m
Form factor	0.28867
Circularity ratio	0.50947
Elongation ratio	0.60605
Highest Stream order	4
Max elevation	678.0 m
Min elevation	405.0 m
Mean bifurcation ratio	2.5626
Stream frequency	86.5820 per km ²
Relief	273.00 m
Drainage density	12.5530 km/km ²
Length of overland flow	39.832 m

CATCHMENT CLIMATOLOGY

