

## Khairkheda Dam

Location	20.4053° N, 81.3897° E
State	Chhattisgarh
Nearest City	Kanker
Year of Completion	1987
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	975.0 m
Reservoir Area	494000.0 m <sup>2</sup>
Gross storage capacity	2150000.0 m <sup>3</sup>
Effective storage capacity	2064000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km <sup>2</sup>
Perimeter of catchment	9.4 km
Basin Length	2406.4 m
Form factor	0.78895
Circularity ratio	0.64384
Elongation ratio	1.00190
Highest Stream order	5
Max elevation	436.0 m
Min elevation	388.0 m
Mean bifurcation ratio	2.7977
Stream frequency	80.3290 per km <sup>2</sup>
Relief	48.00 m
Drainage density	11.1430 km/km <sup>2</sup>
Length of overland flow	44.870 m

## CATCHMENT CLIMATOLOGY

