

## Karakachhar T. Dam

Location	22.6325° N, 83.4597° E
State	Chhattisgarh
Nearest City	Pathalgam
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	11.3 m
Dam length	660.0 m
Reservoir Area	49109000.0 m <sup>2</sup>
Gross storage capacity	1488000.0 m <sup>3</sup>
Effective storage capacity	1261000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km <sup>2</sup>
Perimeter of catchment	10.8 km
Basin Length	3782.8 m
Form factor	0.50494
Circularity ratio	0.77431
Elongation ratio	0.80155
Highest Stream order	5
Max elevation	593.0 m
Min elevation	539.0 m
Mean bifurcation ratio	4.4430
Stream frequency	79.4410 per km <sup>2</sup>
Relief	54.00 m
Drainage density	11.0640 km/km <sup>2</sup>
Length of overland flow	45.191 m

## CATCHMENT CLIMATOLOGY

