

Kodar Project Dam

Location	21.1972° N, 82.1803° E
State	Chhattisgarh
Nearest City	Mahasamund
Year of Completion	1981
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Kodar
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.3 m
Dam length	2347.0 m
Reservoir Area	13880000.0 m ²
Gross storage capacity	160350000.0 m ³
Effective storage capacity	149000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	317.4 km ²
Perimeter of catchment	96.4 km
Basin Length	29310.0 m
Form factor	0.36944
Circularity ratio	0.42910
Elongation ratio	0.68562
Highest Stream order	7
Max elevation	534.0 m
Min elevation	280.0 m
Mean bifurcation ratio	2.2825
Stream frequency	66.6330 per km ²
Relief	254.00 m
Drainage density	8.6110 km/km ²
Length of overland flow	58.063 m

CATCHMENT CLIMATOLOGY

