

Rochand Dam

Location	22.4261° N, 81.1856° E
State	Chhattisgarh
Nearest City	Kawarha
Year of Completion	1992
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	1330.0 m
Reservoir Area	482220.0 m ²
Gross storage capacity	1179000.0 m ³
Effective storage capacity	1136000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.6 km ²
Perimeter of catchment	3.1 km
Basin Length	1124.7 m
Form factor	0.44357
Circularity ratio	0.71233
Elongation ratio	0.75126
Highest Stream order	3
Max elevation	941.0 m
Min elevation	773.0 m
Mean bifurcation ratio	3.2171
Stream frequency	98.0240 per km ²
Relief	168.00 m
Drainage density	12.1210 km/km ²
Length of overland flow	41.252 m

CATCHMENT CLIMATOLOGY

