

Deokatta Dam

Location	21.2161° N, 80.7686° E
State	Chhattisgarh
Nearest City	Dongaragarh
Year of Completion	1996
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.4 m
Dam length	548.0 m
Reservoir Area	559000.0 m ²
Gross storage capacity	3170000.0 m ³
Effective storage capacity	3030000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.1 km ²
Perimeter of catchment	23.2 km
Basin Length	7453.2 m
Form factor	0.36188
Circularity ratio	0.46997
Elongation ratio	0.67857
Highest Stream order	6
Max elevation	580.0 m
Min elevation	347.0 m
Mean bifurcation ratio	2.3958
Stream frequency	73.9700 per km ²
Relief	233.00 m
Drainage density	9.7130 km/km ²
Length of overland flow	51.476 m

CATCHMENT CLIMATOLOGY

