

Chandia Nalla Dam

Location	24.3100° N, 79.0511° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1926
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	310.0 m
Reservoir Area	921000.0 m ²
Gross storage capacity	6000000.0 m ³
Effective storage capacity	5790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	174.5 km ²
Perimeter of catchment	72.1 km
Basin Length	26655.0 m
Form factor	0.24557
Circularity ratio	0.42166
Elongation ratio	0.55898
Highest Stream order	7
Max elevation	579.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.1205
Stream frequency	77.7300 per km ²
Relief	204.00 m
Drainage density	10.5390 km/km ²
Length of overland flow	47.444 m

CATCHMENT CLIMATOLOGY

