

Kalijodi Dam

Location	20.6306° N, 85.3767° E
State	Odisha
Nearest City	Hindola
Year of Completion	1973
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Kalijodi Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	306.0 m
Reservoir Area	520000.0 m ²
Gross storage capacity	1200000.0 m ³
Effective storage capacity	800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km ²
Perimeter of catchment	15.6 km
Basin Length	4521.1 m
Form factor	0.58255
Circularity ratio	0.61203
Elongation ratio	0.86095
Highest Stream order	5
Max elevation	502.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.9962
Stream frequency	87.8420 per km ²
Relief	380.00 m
Drainage density	12.8110 km/km ²
Length of overland flow	39.030 m

CATCHMENT CLIMATOLOGY

