

Pokharia Dam

Location	22.4794° N, 86.0611° E
State	Odisha
Nearest City	Bamanghati
Year of Completion	1987
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Pokharia
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	183.0 m
Reservoir Area	581000.0 m ²
Gross storage capacity	1805000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.4 km ²
Perimeter of catchment	16.7 km
Basin Length	5711.7 m
Form factor	0.47209
Circularity ratio	0.69326
Elongation ratio	0.77504
Highest Stream order	5
Max elevation	455.0 m
Min elevation	244.0 m
Mean bifurcation ratio	2.5446
Stream frequency	79.5380 per km ²
Relief	211.00 m
Drainage density	11.0470 km/km ²
Length of overland flow	45.262 m

CATCHMENT CLIMATOLOGY

