

Salia Dam

Location	19.8008° N, 85.0778° E
State	Odisha
Nearest City	Chatrapur
Year of Completion	1971
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Salia
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.9 m
Dam length	423.6 m
Reservoir Area	4080000.0 m ²
Gross storage capacity	60000000.0 m ³
Effective storage capacity	52760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	245.9 km ²
Perimeter of catchment	87.4 km
Basin Length	24431.0 m
Form factor	0.41204
Circularity ratio	0.40454
Elongation ratio	0.72407
Highest Stream order	7
Max elevation	923.0 m
Min elevation	36.0 m
Mean bifurcation ratio	4.1587
Stream frequency	88.9970 per km ²
Relief	887.00 m
Drainage density	13.3800 km/km ²
Length of overland flow	37.369 m

CATCHMENT CLIMATOLOGY

