

## Paunsia Nalla Dam

Location	21.7631° N, 86.7872° E
State	Odisha
Nearest City	Baripada
Year of Completion	1981
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Paunsia Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	960.1 m
Reservoir Area	850000.0 m <sup>2</sup>
Gross storage capacity	2490000.0 m <sup>3</sup>
Effective storage capacity	2261000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.7 km <sup>2</sup>
Perimeter of catchment	16.2 km
Basin Length	5531.2 m
Form factor	0.54655
Circularity ratio	0.79983
Elongation ratio	0.83392
Highest Stream order	5
Max elevation	68.0 m
Min elevation	11.0 m
Mean bifurcation ratio	2.4228
Stream frequency	80.0790 per km <sup>2</sup>
Relief	57.00 m
Drainage density	11.2210 km/km <sup>2</sup>
Length of overland flow	44.561 m

## CATCHMENT CLIMATOLOGY

