

Koska Dam

Location	20.3175° N, 85.0128° E
State	Odisha
Nearest City	Nayagarh
Year of Completion	1978
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Bandha Pathar Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.7 m
Dam length	1326.2 m
Reservoir Area	931000.0 m ²
Gross storage capacity	3820000.0 m ³
Effective storage capacity	3150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.9 km ²
Perimeter of catchment	28.3 km
Basin Length	8700.5 m
Form factor	0.44716
Circularity ratio	0.53133
Elongation ratio	0.75430
Highest Stream order	6
Max elevation	568.0 m
Min elevation	89.0 m
Mean bifurcation ratio	7.0259
Stream frequency	85.3770 per km ²
Relief	479.00 m
Drainage density	12.3460 km/km ²
Length of overland flow	40.500 m

CATCHMENT CLIMATOLOGY

