

## Debijhara Dam

Location	19.7236° N, 85.1175° E
State	Odisha
Nearest City	Chatrapur
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Debijhara Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	204.9 m
Reservoir Area	395000.0 m <sup>2</sup>
Gross storage capacity	23750000.0 m <sup>3</sup>
Effective storage capacity	1150000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km <sup>2</sup>
Perimeter of catchment	12.1 km
Basin Length	3129.7 m
Form factor	0.95774
Circularity ratio	0.80148
Elongation ratio	1.10390
Highest Stream order	5
Max elevation	416.0 m
Min elevation	57.0 m
Mean bifurcation ratio	3.2347
Stream frequency	91.9940 per km <sup>2</sup>
Relief	359.00 m
Drainage density	13.8460 km/km <sup>2</sup>
Length of overland flow	36.111 m

## CATCHMENT CLIMATOLOGY

Data not available.