

Deojharan Dam

Location	21.2311° N, 84.1653° E
State	Odisha
Nearest City	Sambalpur
Year of Completion	1987
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Deojharan
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	478.5 m
Reservoir Area	390000.0 m ²
Gross storage capacity	1804000.0 m ³
Effective storage capacity	1370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km ²
Perimeter of catchment	13.7 km
Basin Length	5603.2 m
Form factor	0.28979
Circularity ratio	0.60986
Elongation ratio	0.60723
Highest Stream order	5
Max elevation	492.0 m
Min elevation	231.0 m
Mean bifurcation ratio	2.6050
Stream frequency	89.2470 per km ²
Relief	261.00 m
Drainage density	12.7650 km/km ²
Length of overland flow	39.171 m

CATCHMENT CLIMATOLOGY

