

Dumerbahal Mip Dam

Location	20.4111° N, 83.1556° E
State	Odisha
Nearest City	Titilagarh
Year of Completion	1990
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Dumarbahal Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	1385.0 m
Reservoir Area	4250000.0 m ²
Gross storage capacity	20000000.0 m ³
Effective storage capacity	16400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	76.9 km ²
Perimeter of catchment	41.0 km
Basin Length	11972.0 m
Form factor	0.53628
Circularity ratio	0.57336
Elongation ratio	0.82605
Highest Stream order	7
Max elevation	471.0 m
Min elevation	211.0 m
Mean bifurcation ratio	2.3080
Stream frequency	71.4670 per km ²
Relief	260.00 m
Drainage density	9.5280 km/km ²
Length of overland flow	52.478 m

CATCHMENT CLIMATOLOGY

