

Nareijani M.I.P Dam

Location	20.4572° N, 85.2633° E
State	Odisha
Nearest City	Sambalpur
Year of Completion	2000
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Garami Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	588.3 m
Reservoir Area	490000.0 m ²
Gross storage capacity	140000000.0 m ³
Effective storage capacity	1020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.5 km ²
Perimeter of catchment	23.5 km
Basin Length	7894.5 m
Form factor	0.34549
Circularity ratio	0.48809
Elongation ratio	0.66302
Highest Stream order	5
Max elevation	695.0 m
Min elevation	90.0 m
Mean bifurcation ratio	2.6066
Stream frequency	88.7520 per km ²
Relief	605.00 m
Drainage density	12.9700 km/km ²
Length of overland flow	38.551 m

CATCHMENT CLIMATOLOGY

