

Katanganallah M.I.P Dam

Location	22.4083° N, 84.0556° E
State	Odisha
Nearest City	Sundergarh
Year of Completion	2006
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Dudunga Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	600.0 m
Reservoir Area	32000.0 m ²
Gross storage capacity	1608000.0 m ³
Effective storage capacity	1108000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	21.6 km
Basin Length	7674.3 m
Form factor	0.34511
Circularity ratio	0.54631
Elongation ratio	0.66266
Highest Stream order	5
Max elevation	592.0 m
Min elevation	314.0 m
Mean bifurcation ratio	2.4890
Stream frequency	79.9980 per km ²
Relief	278.00 m
Drainage density	10.9030 km/km ²
Length of overland flow	45.857 m

CATCHMENT CLIMATOLOGY

