

Ramaguda Dam

Location	19.3067° N, 84.6922° E
State	Odisha
Nearest City	Brahampur
Year of Completion	1977
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Ramaguda Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	1006.0 m
Reservoir Area	470000.0 m ²
Gross storage capacity	1530000.0 m ³
Effective storage capacity	1500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.3 km ²
Perimeter of catchment	10.3 km
Basin Length	3216.1 m
Form factor	0.51703
Circularity ratio	0.63933
Elongation ratio	0.81109
Highest Stream order	5
Max elevation	651.0 m
Min elevation	63.0 m
Mean bifurcation ratio	2.8537
Stream frequency	99.8570 per km ²
Relief	588.00 m
Drainage density	14.8300 km/km ²
Length of overland flow	33.715 m

CATCHMENT CLIMATOLOGY

