

Kalakala Dam

Location	20.6989° N, 85.9578° E
State	Odisha
Nearest City	Jajapur
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Gabapala
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	1175.0 m
Reservoir Area	550000.0 m ²
Gross storage capacity	2900000.0 m ³
Effective storage capacity	2900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km ²
Perimeter of catchment	13.6 km
Basin Length	5630.6 m
Form factor	0.20029
Circularity ratio	0.43109
Elongation ratio	0.50482
Highest Stream order	5
Max elevation	320.0 m
Min elevation	55.0 m
Mean bifurcation ratio	2.4887
Stream frequency	92.1260 per km ²
Relief	265.00 m
Drainage density	13.0060 km/km ²
Length of overland flow	38.443 m

CATCHMENT CLIMATOLOGY

