

Karada Dam

Location	20.4742° N, 85.3944° E
State	Odisha
Nearest City	Athagarh
Year of Completion	1988
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Kerada Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.9 m
Dam length	434.7 m
Reservoir Area	16400.0 m ²
Gross storage capacity	764000.0 m ³
Effective storage capacity	650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km ²
Perimeter of catchment	13.2 km
Basin Length	4288.3 m
Form factor	0.49437
Circularity ratio	0.65154
Elongation ratio	0.79311
Highest Stream order	5
Max elevation	519.0 m
Min elevation	89.0 m
Mean bifurcation ratio	2.5031
Stream frequency	86.1260 per km ²
Relief	430.00 m
Drainage density	12.5410 km/km ²
Length of overland flow	39.870 m

CATCHMENT CLIMATOLOGY

