

Kankadajhara M.I.P Dam

Location	20.8352° N, 85.4963° E
State	Odisha
Nearest City	Kamakhyanagar
Year of Completion	2000
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	1020.0 m
Reservoir Area	295000.0 m ²
Gross storage capacity	7730000.0 m ³
Effective storage capacity	649000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	9.7 km
Basin Length	3494.1 m
Form factor	0.30349
Circularity ratio	0.49668
Elongation ratio	0.62142
Highest Stream order	4
Max elevation	434.0 m
Min elevation	96.0 m
Mean bifurcation ratio	2.5495
Stream frequency	96.6220 per km ²
Relief	338.00 m
Drainage density	13.3720 km/km ²
Length of overland flow	37.392 m

CATCHMENT CLIMATOLOGY

