

## Kanpur Irr. Project

Location	22.0342° N, 85.0631° E
State	Odisha
Nearest City	Champua
Year of Completion	Not Available
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Baitarni
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.5 m
Dam length	3460.0 m
Reservoir Area	26000000.0 m <sup>2</sup>
Gross storage capacity	331000020.0 m <sup>3</sup>
Effective storage capacity	268970000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km <sup>2</sup>
Perimeter of catchment	6.3 km
Basin Length	1633.8 m
Form factor	0.88092
Circularity ratio	0.75485
Elongation ratio	1.05870
Highest Stream order	4
Max elevation	438.0 m
Min elevation	269.0 m
Mean bifurcation ratio	2.5434
Stream frequency	76.9760 per km <sup>2</sup>
Relief	169.00 m
Drainage density	9.5610 km/km <sup>2</sup>
Length of overland flow	52.296 m

## CATCHMENT CLIMATOLOGY

