

## Kansabansa Dam

Location	20.9619° N, 84.8147° E
State	Odisha
Nearest City	Anugul
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Kansabansa
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.9 m
Dam length	557.7 m
Reservoir Area	581000.0 m <sup>2</sup>
Gross storage capacity	2480000.0 m <sup>3</sup>
Effective storage capacity	2180000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.8 km <sup>2</sup>
Perimeter of catchment	21.1 km
Basin Length	5887.5 m
Form factor	0.65872
Circularity ratio	0.64630
Elongation ratio	0.91551
Highest Stream order	5
Max elevation	467.0 m
Min elevation	208.0 m
Mean bifurcation ratio	5.4831
Stream frequency	78.1330 per km <sup>2</sup>
Relief	259.00 m
Drainage density	10.6990 km/km <sup>2</sup>
Length of overland flow	46.735 m

## CATCHMENT CLIMATOLOGY

