

## Kukudajodi Dam

Location	21.9211° N, 86.8656° E
State	Odisha
Nearest City	Baripada
Year of Completion	1988
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Kukuoajodi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	853.4 m
Reservoir Area	670000.0 m <sup>2</sup>
Gross storage capacity	1712000.0 m <sup>3</sup>
Effective storage capacity	1480000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.7 km <sup>2</sup>
Perimeter of catchment	16.9 km
Basin Length	6313.4 m
Form factor	0.34407
Circularity ratio	0.60015
Elongation ratio	0.66166
Highest Stream order	5
Max elevation	89.0 m
Min elevation	41.0 m
Mean bifurcation ratio	4.6839
Stream frequency	77.2900 per km <sup>2</sup>
Relief	48.00 m
Drainage density	10.5530 km/km <sup>2</sup>
Length of overland flow	47.381 m

## CATCHMENT CLIMATOLOGY

