

## Sarapa Dam

Location	20.7431° N, 85.3494° E
State	Odisha
Nearest City	Hindol
Year of Completion	1981
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Sarapa
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	1070.0 m
Reservoir Area	748000.0 m <sup>2</sup>
Gross storage capacity	2180000.0 m <sup>3</sup>
Effective storage capacity	1730000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.7 km <sup>2</sup>
Perimeter of catchment	31.1 km
Basin Length	11057.0 m
Form factor	0.26728
Circularity ratio	0.42576
Elongation ratio	0.58316
Highest Stream order	5
Max elevation	167.0 m
Min elevation	77.0 m
Mean bifurcation ratio	2.2062
Stream frequency	74.4300 per km <sup>2</sup>
Relief	90.00 m
Drainage density	9.9950 km/km <sup>2</sup>
Length of overland flow	50.026 m

## CATCHMENT CLIMATOLOGY

