

## Chinda Dam

Location	22.5931° N, 84.5219° E
State	Jharkhand
Nearest City	Simdega
Year of Completion	1984
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Chinda.
Dam Type	Other
Height above lowest foundation level	17.6 m
Dam length	121.3 m
Reservoir Area	2120000.0 m <sup>2</sup>
Gross storage capacity	10176000.0 m <sup>3</sup>
Effective storage capacity	8544000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	91.6 km <sup>2</sup>
Perimeter of catchment	50.4 km
Basin Length	17295.0 m
Form factor	0.30633
Circularity ratio	0.45352
Elongation ratio	0.62431
Highest Stream order	6
Max elevation	601.0 m
Min elevation	388.0 m
Mean bifurcation ratio	2.3896
Stream frequency	77.4690 per km <sup>2</sup>
Relief	213.00 m
Drainage density	10.6030 km/km <sup>2</sup>
Length of overland flow	47.156 m

## CATCHMENT CLIMATOLOGY

