

## Sondur Dam

Location	20.2275° N, 82.1033° E
State	Chhattisgarh
Nearest City	Dhamtari
Year of Completion	1988
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Sondur
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.7 m
Dam length	3130.0 m
Reservoir Area	24160000.0 m <sup>2</sup>
Gross storage capacity	198100000.0 m <sup>3</sup>
Effective storage capacity	179609000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	553.6 km <sup>2</sup>
Perimeter of catchment	122.4 km
Basin Length	35654.0 m
Form factor	0.43545
Circularity ratio	0.46474
Elongation ratio	0.74435
Highest Stream order	7
Max elevation	741.0 m
Min elevation	455.0 m
Mean bifurcation ratio	2.2467
Stream frequency	72.0310 per km <sup>2</sup>
Relief	286.00 m
Drainage density	9.7040 km/km <sup>2</sup>
Length of overland flow	51.527 m

## CATCHMENT CLIMATOLOGY

