

## Kosarteda Dam

Location	19.4528° N, 81.8642° E
State	Chhattisgarh
Nearest City	Jagdolpur
Year of Completion	2013
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Godavari
River	Kosarteda
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.6 m
Dam length	1305.0 m
Reservoir Area	15870000.0 m <sup>2</sup>
Gross storage capacity	72760000.0 m <sup>3</sup>
Effective storage capacity	63700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	210.9 km <sup>2</sup>
Perimeter of catchment	72.4 km
Basin Length	26667.0 m
Form factor	0.29651
Circularity ratio	0.50560
Elongation ratio	0.61422
Highest Stream order	7
Max elevation	730.0 m
Min elevation	563.0 m
Mean bifurcation ratio	2.2657
Stream frequency	73.1270 per km <sup>2</sup>
Relief	167.00 m
Drainage density	10.0080 km/km <sup>2</sup>
Length of overland flow	49.959 m

## CATCHMENT CLIMATOLOGY

