

Amabeda Dam

Location	20.0872° N, 81.3286° E
State	Chhattisgarh
Nearest City	Narainpur
Year of Completion	1981
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	518.0 m
Reservoir Area	383000.0 m ²
Gross storage capacity	1249000.0 m ³
Effective storage capacity	1129000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	11.9 km
Basin Length	3672.9 m
Form factor	0.59378
Circularity ratio	0.71474
Elongation ratio	0.86921
Highest Stream order	5
Max elevation	824.0 m
Min elevation	637.0 m
Mean bifurcation ratio	3.2476
Stream frequency	83.2680 per km ²
Relief	187.00 m
Drainage density	11.6040 km/km ²
Length of overland flow	43.090 m

CATCHMENT CLIMATOLOGY

