

Usaritola Dam

Location	20.9997° N, 81.2972° E
State	Chhattisgarh
Nearest City	Dondi
Year of Completion	1992
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	870.0 m
Reservoir Area	270000.0 m ²
Gross storage capacity	7806000.0 m ³
Effective storage capacity	7450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km ²
Perimeter of catchment	14.9 km
Basin Length	3911.6 m
Form factor	0.75558
Circularity ratio	0.65836
Elongation ratio	0.98050
Highest Stream order	5
Max elevation	316.0 m
Min elevation	293.0 m
Mean bifurcation ratio	7.0804
Stream frequency	70.2370 per km ²
Relief	23.00 m
Drainage density	9.0380 km/km ²
Length of overland flow	55.320 m

CATCHMENT CLIMATOLOGY

