

Ballar Reservoir Dam

Location	21.5300° N, 82.4917° E
State	Chhattisgarh
Nearest City	Kasdol
Year of Completion	1980
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Balar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.7 m
Dam length	945.0 m
Reservoir Area	5460000.0 m ²
Gross storage capacity	39670000.0 m ³
Effective storage capacity	36630000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	76.4 km ²
Perimeter of catchment	48.4 km
Basin Length	14759.0 m
Form factor	0.35071
Circularity ratio	0.41033
Elongation ratio	0.66801
Highest Stream order	6
Max elevation	583.0 m
Min elevation	290.0 m
Mean bifurcation ratio	2.4134
Stream frequency	77.4810 per km ²
Relief	293.00 m
Drainage density	10.7800 km/km ²
Length of overland flow	46.384 m

CATCHMENT CLIMATOLOGY

