

Chhatenjore Dam

Location	22.0164° N, 83.7147° E
State	Odisha
Nearest City	Sundargarh
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Chhatenjore
Dam Type	Other
Height above lowest foundation level	15.2 m
Dam length	928.0 m
Reservoir Area	501000.0 m ²
Gross storage capacity	1265000.0 m ³
Effective storage capacity	970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.2 km ²
Perimeter of catchment	13.2 km
Basin Length	4268.0 m
Form factor	0.56204
Circularity ratio	0.73672
Elongation ratio	0.84566
Highest Stream order	5
Max elevation	561.0 m
Min elevation	286.0 m
Mean bifurcation ratio	4.0099
Stream frequency	86.3440 per km ²
Relief	275.00 m
Drainage density	12.3030 km/km ²
Length of overland flow	40.641 m

CATCHMENT CLIMATOLOGY

