

Chandra Nagar T. Dam

Location	23.9419° N, 83.4931° E
State	Chhattisgarh
Nearest City	Ramchandra
Year of Completion	2005
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.9 m
Dam length	285.0 m
Reservoir Area	593000.0 m ²
Gross storage capacity	3414000.0 m ³
Effective storage capacity	2785000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	11.7 km
Basin Length	3435.9 m
Form factor	0.60880
Circularity ratio	0.66474
Elongation ratio	0.88013
Highest Stream order	4
Max elevation	613.0 m
Min elevation	401.0 m
Mean bifurcation ratio	2.6580
Stream frequency	80.8370 per km ²
Relief	212.00 m
Drainage density	11.0670 km/km ²
Length of overland flow	45.181 m

CATCHMENT CLIMATOLOGY

