

Chhota Palgi T. Dam

Location	23.1519° N, 83.0997° E
State	Chhattisgarh
Nearest City	Ambikapur
Year of Completion	2000
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	435.0 m
Reservoir Area	64000.0 m ²
Gross storage capacity	297000.0 m ³
Effective storage capacity	278000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	9.6 km
Basin Length	2768.3 m
Form factor	0.73539
Circularity ratio	0.77025
Elongation ratio	0.96732
Highest Stream order	5
Max elevation	785.0 m
Min elevation	579.0 m
Mean bifurcation ratio	3.4514
Stream frequency	88.1890 per km ²
Relief	206.00 m
Drainage density	12.4640 km/km ²
Length of overland flow	40.115 m

CATCHMENT CLIMATOLOGY

