

## Jagannathpur T. Dam

Location	23.3706° N, 83.1953° E
State	Chhattisgarh
Nearest City	Partabpur
Year of Completion	1976
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	840.0 m
Reservoir Area	690000.0 m <sup>2</sup>
Gross storage capacity	4116000.0 m <sup>3</sup>
Effective storage capacity	3881000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.9 km <sup>2</sup>
Perimeter of catchment	24.0 km
Basin Length	9643.6 m
Form factor	0.24594
Circularity ratio	0.49817
Elongation ratio	0.55941
Highest Stream order	5
Max elevation	633.0 m
Min elevation	530.0 m
Mean bifurcation ratio	2.9624
Stream frequency	78.4350 per km <sup>2</sup>
Relief	103.00 m
Drainage density	10.6900 km/km <sup>2</sup>
Length of overland flow	46.775 m

## CATCHMENT CLIMATOLOGY

