

## Tumdih Dam

Location	22.0756° N, 83.3300° E
State	Chhattisgarh
Nearest City	Gharghoda
Year of Completion	1991
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Kosam
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1200.0 m
Reservoir Area	611000.0 m <sup>2</sup>
Gross storage capacity	2420000.0 m <sup>3</sup>
Effective storage capacity	2160000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.3 km <sup>2</sup>
Perimeter of catchment	13.1 km
Basin Length	4047.3 m
Form factor	0.56976
Circularity ratio	0.68690
Elongation ratio	0.85144
Highest Stream order	5
Max elevation	326.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.2822
Stream frequency	81.9680 per km <sup>2</sup>
Relief	45.00 m
Drainage density	11.0890 km/km <sup>2</sup>
Length of overland flow	45.089 m

## CATCHMENT CLIMATOLOGY

