

Dhawanpur Dam

Location	22.3525° N, 81.9628° E
State	Chhattisgarh
Nearest City	Mungeli
Year of Completion	1970
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Baghaiha Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1204.0 m
Reservoir Area	358000.0 m ²
Gross storage capacity	782000.0 m ³
Effective storage capacity	702000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.0 km ²
Perimeter of catchment	24.1 km
Basin Length	8879.7 m
Form factor	0.19074
Circularity ratio	0.32617
Elongation ratio	0.49264
Highest Stream order	4
Max elevation	748.0 m
Min elevation	329.0 m
Mean bifurcation ratio	2.2466
Stream frequency	76.5310 per km ²
Relief	419.00 m
Drainage density	9.9270 km/km ²
Length of overland flow	50.370 m

CATCHMENT CLIMATOLOGY

