

Manikpur Dam

Location	20.3394° N, 81.6044° E
State	Chhattisgarh
Nearest City	Kanker
Year of Completion	1982
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	734.6 m
Reservoir Area	211000.0 m ²
Gross storage capacity	824000.0 m ³
Effective storage capacity	793000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	8.8 km
Basin Length	2908.2 m
Form factor	0.47300
Circularity ratio	0.65517
Elongation ratio	0.77578
Highest Stream order	4
Max elevation	507.0 m
Min elevation	411.0 m
Mean bifurcation ratio	2.3788
Stream frequency	75.4930 per km ²
Relief	96.00 m
Drainage density	9.7310 km/km ²
Length of overland flow	51.382 m

CATCHMENT CLIMATOLOGY

