

Gej Reservoir Dam

Location	23.3200° N, 82.5647° E
State	Chhattisgarh
Nearest City	Baikunthpur
Year of Completion	2002
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Gej Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.5 m
Dam length	4065.0 m
Reservoir Area	4133000.0 m ²
Gross storage capacity	25500000.0 m ³
Effective storage capacity	22870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	59.6 km ²
Perimeter of catchment	38.8 km
Basin Length	13630.0 m
Form factor	0.32065
Circularity ratio	0.49731
Elongation ratio	0.63874
Highest Stream order	6
Max elevation	799.0 m
Min elevation	560.0 m
Mean bifurcation ratio	4.5905
Stream frequency	78.3670 per km ²
Relief	239.00 m
Drainage density	10.7640 km/km ²
Length of overland flow	46.452 m

CATCHMENT CLIMATOLOGY

