

Kolgaon Dam

Location	21.8058° N, 77.5361° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	787.5 m
Reservoir Area	430000.0 m ²
Gross storage capacity	1320000.0 m ³
Effective storage capacity	1217000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2217.7 km ²
Perimeter of catchment	289.2 km
Basin Length	83321.0 m
Form factor	0.31945
Circularity ratio	0.33323
Elongation ratio	0.63754
Highest Stream order	9
Max elevation	885.0 m
Min elevation	393.0 m
Mean bifurcation ratio	120.4600
Stream frequency	75.7130 per km ²
Relief	492.00 m
Drainage density	10.3890 km/km ²
Length of overland flow	48.129 m

CATCHMENT CLIMATOLOGY

