

Kotgaon Dam

Location	20.4316° N, 75.0025° E
State	Maharashtra
Nearest City	Chalisgaon
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	3000.0 m
Reservoir Area	3920000.0 m ²
Gross storage capacity	3135000.0 m ³
Effective storage capacity	2125000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	61.1 km ²
Perimeter of catchment	48.3 km
Basin Length	19491.0 m
Form factor	0.16086
Circularity ratio	0.32911
Elongation ratio	0.45241
Highest Stream order	6
Max elevation	788.0 m
Min elevation	346.0 m
Mean bifurcation ratio	2.9744
Stream frequency	76.6830 per km ²
Relief	442.00 m
Drainage density	10.5880 km/km ²
Length of overland flow	47.224 m

CATCHMENT CLIMATOLOGY

