

Kondawal Dam

Location	21.5100° N, 74.6356° E
State	Maharashtra
Nearest City	Shahada
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	450.0 m
Reservoir Area	52000.0 m ²
Gross storage capacity	1880000.0 m ³
Effective storage capacity	1700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.8 km ²
Perimeter of catchment	17.5 km
Basin Length	6333.6 m
Form factor	0.31975
Circularity ratio	0.52402
Elongation ratio	0.63785
Highest Stream order	5
Max elevation	302.0 m
Min elevation	180.0 m
Mean bifurcation ratio	2.5641
Stream frequency	72.8150 per km ²
Relief	122.00 m
Drainage density	9.4180 km/km ²
Length of overland flow	53.091 m

CATCHMENT CLIMATOLOGY

