

## Kawatha Barrage Dam

Location	20.8400° N, 76.7703° E
State	Maharashtra
Nearest City	Balapur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Man
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	2500.0 m
Reservoir Area	3270000.0 m <sup>2</sup>
Gross storage capacity	8940000.0 m <sup>3</sup>
Effective storage capacity	8940000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2374.9 km <sup>2</sup>
Perimeter of catchment	265.0 km
Basin Length	79758.0 m
Form factor	0.37334
Circularity ratio	0.42528
Elongation ratio	0.68922
Highest Stream order	8
Max elevation	624.0 m
Min elevation	241.0 m
Mean bifurcation ratio	2.4691
Stream frequency	74.3030 per km <sup>2</sup>
Relief	383.00 m
Drainage density	10.1990 km/km <sup>2</sup>
Length of overland flow	49.023 m

## CATCHMENT CLIMATOLOGY

