

## Moygaon Dam

Location	20.7197° N, 75.7522° E
State	Maharashtra
Nearest City	Jamner
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	15.7 m
Dam length	1320.0 m
Reservoir Area	1499000.0 m <sup>2</sup>
Gross storage capacity	4630000.0 m <sup>3</sup>
Effective storage capacity	4270000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.9 km <sup>2</sup>
Perimeter of catchment	12.5 km
Basin Length	4784.4 m
Form factor	0.30005
Circularity ratio	0.55553
Elongation ratio	0.61788
Highest Stream order	5
Max elevation	328.0 m
Min elevation	276.0 m
Mean bifurcation ratio	2.2127
Stream frequency	70.9060 per km <sup>2</sup>
Relief	52.00 m
Drainage density	8.9370 km/km <sup>2</sup>
Length of overland flow	55.948 m

## CATCHMENT CLIMATOLOGY

