

## Fagane Dam

Location	20.8914° N, 74.8339° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Kot
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	2430.0 m
Reservoir Area	104080.0 m <sup>2</sup>
Gross storage capacity	4155000.0 m <sup>3</sup>
Effective storage capacity	3435000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	54.2 km <sup>2</sup>
Perimeter of catchment	39.5 km
Basin Length	14108.0 m
Form factor	0.27216
Circularity ratio	0.43666
Elongation ratio	0.58847
Highest Stream order	6
Max elevation	411.0 m
Min elevation	252.0 m
Mean bifurcation ratio	2.6966
Stream frequency	78.3040 per km <sup>2</sup>
Relief	159.00 m
Drainage density	10.5920 km/km <sup>2</sup>
Length of overland flow	47.207 m

## CATCHMENT CLIMATOLOGY

