

## Popatkhed Dam

Location	21.2033° N, 77.0833° E
State	Maharashtra
Nearest City	Akot
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Dather
Dam Type	Earthfill Embankment
Height above lowest foundation level	42.6 m
Dam length	2590.5 m
Reservoir Area	520600.0 m <sup>2</sup>
Gross storage capacity	12190000.0 m <sup>3</sup>
Effective storage capacity	10709000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	76.4 km <sup>2</sup>
Perimeter of catchment	51.4 km
Basin Length	16823.0 m
Form factor	0.26996
Circularity ratio	0.36331
Elongation ratio	0.58608
Highest Stream order	6
Max elevation	1088.0 m
Min elevation	388.0 m
Mean bifurcation ratio	2.4310
Stream frequency	85.1800 per km <sup>2</sup>
Relief	700.00 m
Drainage density	12.4390 km/km <sup>2</sup>
Length of overland flow	40.195 m

## CATCHMENT CLIMATOLOGY

