

## Purna Dam

Location	21.3683° N, 77.7644° E
State	Maharashtra
Nearest City	Chandur Bazar
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Purna
Dam Type	Earthfill Embankment
Height above lowest foundation level	45.4 m
Dam length	3120.0 m
Reservoir Area	5880000.0 m <sup>2</sup>
Gross storage capacity	41759000.0 m <sup>3</sup>
Effective storage capacity	35370000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	398.9 km <sup>2</sup>
Perimeter of catchment	116.4 km
Basin Length	39316.0 m
Form factor	0.25804
Circularity ratio	0.36989
Elongation ratio	0.57300
Highest Stream order	7
Max elevation	998.0 m
Min elevation	415.0 m
Mean bifurcation ratio	2.1884
Stream frequency	77.9440 per km <sup>2</sup>
Relief	583.00 m
Drainage density	10.8390 km/km <sup>2</sup>
Length of overland flow	46.131 m

## CATCHMENT CLIMATOLOGY

Data not available.