

## Pedhi Barrage Dam

Location	21.0678° N, 77.7778° E
State	Maharashtra
Nearest City	Amravati
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Pedhi
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.6 m
Dam length	1950.0 m
Reservoir Area	2640000.0 m <sup>2</sup>
Gross storage capacity	4650000.0 m <sup>3</sup>
Effective storage capacity	4600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	433.5 km <sup>2</sup>
Perimeter of catchment	109.3 km
Basin Length	37486.0 m
Form factor	0.30848
Circularity ratio	0.45650
Elongation ratio	0.62651
Highest Stream order	7
Max elevation	489.0 m
Min elevation	320.0 m
Mean bifurcation ratio	2.1975
Stream frequency	69.4280 per km <sup>2</sup>
Relief	169.00 m
Drainage density	9.0880 km/km <sup>2</sup>
Length of overland flow	55.015 m

## CATCHMENT CLIMATOLOGY

