

Lower Pedhi Dam

Location	20.9297° N, 77.6281° E
State	Maharashtra
Nearest City	Bhatkuli
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.7 m
Dam length	8495.5 m
Reservoir Area	25320000.0 m ²
Gross storage capacity	75260000.0 m ³
Effective storage capacity	51100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1062.7 km ²
Perimeter of catchment	169.2 km
Basin Length	56846.0 m
Form factor	0.32885
Circularity ratio	0.46679
Elongation ratio	0.64686
Highest Stream order	8
Max elevation	489.0 m
Min elevation	294.0 m
Mean bifurcation ratio	2.2519
Stream frequency	69.5310 per km ²
Relief	195.00 m
Drainage density	9.1000 km/km ²
Length of overland flow	54.943 m

CATCHMENT CLIMATOLOGY

