

Patoda Dam

Location	20.3156° N, 76.3936° E
State	Maharashtra
Nearest City	Chikhali
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	780.0 m
Reservoir Area	96000.0 m ²
Gross storage capacity	2480000.0 m ³
Effective storage capacity	2200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.3 km ²
Perimeter of catchment	17.4 km
Basin Length	6266.2 m
Form factor	0.41588
Circularity ratio	0.67994
Elongation ratio	0.72743
Highest Stream order	5
Max elevation	625.0 m
Min elevation	568.0 m
Mean bifurcation ratio	2.3174
Stream frequency	70.3630 per km ²
Relief	57.00 m
Drainage density	9.5070 km/km ²
Length of overland flow	52.595 m

CATCHMENT CLIMATOLOGY

