

## Chilgaon Dam

Location	20.6967° N, 75.6122° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.6 m
Dam length	1038.0 m
Reservoir Area	350000.0 m <sup>2</sup>
Gross storage capacity	809000.0 m <sup>3</sup>
Effective storage capacity	736000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.1 km <sup>2</sup>
Perimeter of catchment	11.4 km
Basin Length	3961.2 m
Form factor	0.45547
Circularity ratio	0.68539
Elongation ratio	0.76127
Highest Stream order	4
Max elevation	326.0 m
Min elevation	289.0 m
Mean bifurcation ratio	3.1848
Stream frequency	71.0790 per km <sup>2</sup>
Relief	37.00 m
Drainage density	9.0920 km/km <sup>2</sup>
Length of overland flow	54.993 m

## CATCHMENT CLIMATOLOGY

