

## Chafal Dam

Location	17.4067° N, 74.0078° E
State	Maharashtra
Nearest City	Patan.
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	576.0 m
Reservoir Area	452000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1300000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	39.6 km <sup>2</sup>
Perimeter of catchment	28.0 km
Basin Length	10182.0 m
Form factor	0.38215
Circularity ratio	0.63608
Elongation ratio	0.69731
Highest Stream order	5
Max elevation	1103.0 m
Min elevation	658.0 m
Mean bifurcation ratio	2.5991
Stream frequency	87.8390 per km <sup>2</sup>
Relief	445.00 m
Drainage density	13.3610 km/km <sup>2</sup>
Length of overland flow	37.424 m

## CATCHMENT CLIMATOLOGY

