

## Chandrabhaga Dam

Location	21.2708° N, 78.7678° E
State	Maharashtra
Nearest City	Kalol
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chandrabhaga
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	2194.0 m
Reservoir Area	199720.0 m <sup>2</sup>
Gross storage capacity	8890000.0 m <sup>3</sup>
Effective storage capacity	8260000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	50.3 km <sup>2</sup>
Perimeter of catchment	32.1 km
Basin Length	9787.9 m
Form factor	0.52456
Circularity ratio	0.61405
Elongation ratio	0.81697
Highest Stream order	6
Max elevation	525.0 m
Min elevation	368.0 m
Mean bifurcation ratio	2.1996
Stream frequency	76.4910 per km <sup>2</sup>
Relief	157.00 m
Drainage density	10.4460 km/km <sup>2</sup>
Length of overland flow	47.865 m

## CATCHMENT CLIMATOLOGY

