

Chougaon Dam

Location	20.4047° N, 79.1711° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Hirasan Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	550.0 m
Reservoir Area	120000.0 m ²
Gross storage capacity	6320000.0 m ³
Effective storage capacity	5650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.4 km ²
Perimeter of catchment	30.5 km
Basin Length	8365.8 m
Form factor	0.51955
Circularity ratio	0.49006
Elongation ratio	0.81306
Highest Stream order	6
Max elevation	260.0 m
Min elevation	218.0 m
Mean bifurcation ratio	3.0996
Stream frequency	71.2560 per km ²
Relief	42.00 m
Drainage density	9.4640 km/km ²
Length of overland flow	52.830 m

CATCHMENT CLIMATOLOGY

