

Chatgaon Dam

Location	18.9792° N, 76.2394° E
State	Maharashtra
Nearest City	Majalgaon
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	1428.0 m
Reservoir Area	720000.0 m ²
Gross storage capacity	3660000.0 m ³
Effective storage capacity	3400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.4 km ²
Perimeter of catchment	23.3 km
Basin Length	9003.9 m
Form factor	0.30080
Circularity ratio	0.56688
Elongation ratio	0.61865
Highest Stream order	6
Max elevation	642.0 m
Min elevation	446.0 m
Mean bifurcation ratio	2.9486
Stream frequency	74.7570 per km ²
Relief	196.00 m
Drainage density	10.1630 km/km ²
Length of overland flow	49.196 m

CATCHMENT CLIMATOLOGY

