

Chandai Dam

Location	20.4214° N, 79.2167° E
State	Maharashtra
Nearest City	Varora
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chandai
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	1830.0 m
Reservoir Area	523000.0 m ²
Gross storage capacity	13200000.0 m ³
Effective storage capacity	10690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.3 km ²
Perimeter of catchment	34.3 km
Basin Length	13019.0 m
Form factor	0.32656
Circularity ratio	0.59093
Elongation ratio	0.64460
Highest Stream order	6
Max elevation	327.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.7226
Stream frequency	79.1360 per km ²
Relief	100.00 m
Drainage density	11.0940 km/km ²
Length of overland flow	45.070 m

CATCHMENT CLIMATOLOGY

