

Chargaon Dam

Location	20.3906° N, 79.1794° E
State	Maharashtra
Nearest City	Varora
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chargaon
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	3065.0 m
Reservoir Area	12921900.0 m ²
Gross storage capacity	19170000.0 m ³
Effective storage capacity	17340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	149.6 km ²
Perimeter of catchment	60.3 km
Basin Length	19261.0 m
Form factor	0.40311
Circularity ratio	0.51773
Elongation ratio	0.71618
Highest Stream order	7
Max elevation	280.0 m
Min elevation	218.0 m
Mean bifurcation ratio	23.3690
Stream frequency	72.9990 per km ²
Relief	62.00 m
Drainage density	9.9620 km/km ²
Length of overland flow	50.192 m

CATCHMENT CLIMATOLOGY

