

Ancharwadi -1 Dam

Location	20.2014° N, 76.2056° E
State	Maharashtra
Nearest City	Deulgaon Raja
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.9 m
Dam length	570.0 m
Reservoir Area	554000.0 m ²
Gross storage capacity	2550000.0 m ³
Effective storage capacity	2340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.9 km ²
Perimeter of catchment	21.9 km
Basin Length	8729.1 m
Form factor	0.26087
Circularity ratio	0.51882
Elongation ratio	0.57613
Highest Stream order	5
Max elevation	647.0 m
Min elevation	562.0 m
Mean bifurcation ratio	2.2640
Stream frequency	77.8280 per km ²
Relief	85.00 m
Drainage density	10.8540 km/km ²
Length of overland flow	46.066 m

CATCHMENT CLIMATOLOGY

