

Dahegaon Gondi Dam

Location	20.9472° N, 78.4889° E
State	Maharashtra
Nearest City	Arvi
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	410.0 m
Reservoir Area	630000.0 m ²
Gross storage capacity	3240000.0 m ³
Effective storage capacity	3040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.5 km ²
Perimeter of catchment	21.9 km
Basin Length	7626.3 m
Form factor	0.28352
Circularity ratio	0.43154
Elongation ratio	0.60062
Highest Stream order	5
Max elevation	471.0 m
Min elevation	305.0 m
Mean bifurcation ratio	2.1710
Stream frequency	78.7790 per km ²
Relief	166.00 m
Drainage density	10.7620 km/km ²
Length of overland flow	46.461 m

CATCHMENT CLIMATOLOGY

