

Jadgaon Dam

Location	19.8581° N, 75.5308° E
State	Maharashtra
Nearest City	Aurangabad
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	817.0 m
Reservoir Area	630000.0 m ²
Gross storage capacity	780000.0 m ³
Effective storage capacity	690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.6 km ²
Perimeter of catchment	19.1 km
Basin Length	5626.6 m
Form factor	0.55562
Circularity ratio	0.60444
Elongation ratio	0.84081
Highest Stream order	5
Max elevation	726.0 m
Min elevation	556.0 m
Mean bifurcation ratio	2.5140
Stream frequency	79.3060 per km ²
Relief	170.00 m
Drainage density	11.0950 km/km ²
Length of overland flow	45.066 m

CATCHMENT CLIMATOLOGY

