

Jogaiwadi Dam

Location	18.7119° N, 76.3831° E
State	Maharashtra
Nearest City	Ambajogai
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.6 m
Dam length	1950.0 m
Reservoir Area	1017000.0 m ²
Gross storage capacity	1960000.0 m ³
Effective storage capacity	1830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.4 km ²
Perimeter of catchment	16.5 km
Basin Length	5075.7 m
Form factor	0.56040
Circularity ratio	0.66591
Elongation ratio	0.84442
Highest Stream order	5
Max elevation	689.0 m
Min elevation	646.0 m
Mean bifurcation ratio	2.5122
Stream frequency	72.9350 per km ²
Relief	43.00 m
Drainage density	9.8920 km/km ²
Length of overland flow	50.546 m

CATCHMENT CLIMATOLOGY

