

Jawaharwadi Dam

Location	19.1447° N, 75.7539° E
State	Maharashtra
Nearest City	Gevrai
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1580.0 m
Reservoir Area	620000.0 m ²
Gross storage capacity	2798000.0 m ³
Effective storage capacity	2438000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km ²
Perimeter of catchment	14.3 km
Basin Length	4507.7 m
Form factor	0.58388
Circularity ratio	0.72888
Elongation ratio	0.86193
Highest Stream order	5
Max elevation	519.0 m
Min elevation	475.0 m
Mean bifurcation ratio	2.2394
Stream frequency	79.6530 per km ²
Relief	44.00 m
Drainage density	10.9860 km/km ²
Length of overland flow	45.513 m

CATCHMENT CLIMATOLOGY

