

Naikwadi Dam

Location	20.0947° N, 73.6403° E
State	Maharashtra
Nearest City	Nasik.
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Baman
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	620.0 m
Reservoir Area	300000.0 m ²
Gross storage capacity	1076000.0 m ³
Effective storage capacity	994000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	12.4 km
Basin Length	4252.0 m
Form factor	0.47843
Circularity ratio	0.71215
Elongation ratio	0.78022
Highest Stream order	5
Max elevation	843.0 m
Min elevation	638.0 m
Mean bifurcation ratio	5.8852
Stream frequency	80.1180 per km ²
Relief	205.00 m
Drainage density	11.1290 km/km ²
Length of overland flow	44.929 m

CATCHMENT CLIMATOLOGY

