

## Golatgaon Dam

Location	19.8336° N, 75.6111° E
State	Maharashtra
Nearest City	Aurangabad
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Lahuki
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1271.0 m
Reservoir Area	627000.0 m <sup>2</sup>
Gross storage capacity	1340000.0 m <sup>3</sup>
Effective storage capacity	1220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km <sup>2</sup>
Perimeter of catchment	14.7 km
Basin Length	4981.1 m
Form factor	0.43450
Circularity ratio	0.62633
Elongation ratio	0.74354
Highest Stream order	5
Max elevation	705.0 m
Min elevation	547.0 m
Mean bifurcation ratio	2.3035
Stream frequency	83.6690 per km <sup>2</sup>
Relief	158.00 m
Drainage density	11.9740 km/km <sup>2</sup>
Length of overland flow	41.757 m

## CATCHMENT CLIMATOLOGY

