

Bubali Dam

Location	20.5483° N, 73.6569° E
State	Maharashtra
Nearest City	Surgana
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Amati
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.9 m
Dam length	457.0 m
Reservoir Area	249760.0 m ²
Gross storage capacity	1629000.0 m ³
Effective storage capacity	1610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.2 km ²
Perimeter of catchment	16.6 km
Basin Length	5851.7 m
Form factor	0.35524
Circularity ratio	0.55352
Elongation ratio	0.67232
Highest Stream order	5
Max elevation	866.0 m
Min elevation	519.0 m
Mean bifurcation ratio	2.8029
Stream frequency	80.9730 per km ²
Relief	347.00 m
Drainage density	11.5600 km/km ²
Length of overland flow	43.253 m

CATCHMENT CLIMATOLOGY

