

Bagalwadi Dam

Location	18.5672° N, 75.5533° E
State	Maharashtra
Nearest City	Bhum
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	662.0 m
Reservoir Area	460000.0 m ²
Gross storage capacity	1565000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.7 km ²
Perimeter of catchment	19.8 km
Basin Length	6537.4 m
Form factor	0.50667
Circularity ratio	0.69217
Elongation ratio	0.80292
Highest Stream order	5
Max elevation	756.0 m
Min elevation	600.0 m
Mean bifurcation ratio	2.4721
Stream frequency	81.1420 per km ²
Relief	156.00 m
Drainage density	11.5330 km/km ²
Length of overland flow	43.353 m

CATCHMENT CLIMATOLOGY

