

Bilva Tirth Dam

Location	19.9481° N, 73.5233° E
State	Maharashtra
Nearest City	Trambak
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	739.0 m
Reservoir Area	164000.0 m ²
Gross storage capacity	849880.0 m ³
Effective storage capacity	844500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.2 km
Basin Length	1362.9 m
Form factor	1.38240
Circularity ratio	0.83348
Elongation ratio	1.32620
Highest Stream order	4
Max elevation	846.0 m
Min elevation	702.0 m
Mean bifurcation ratio	3.5407
Stream frequency	85.6800 per km ²
Relief	144.00 m
Drainage density	11.8340 km/km ²
Length of overland flow	42.251 m

CATCHMENT CLIMATOLOGY

