

Barewadi Dam

Location	16.7208° N, 73.6250° E
State	Maharashtra
Nearest City	Rajapur
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Tivre Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.1 m
Dam length	175.0 m
Reservoir Area	243000.0 m ²
Gross storage capacity	1969000.0 m ³
Effective storage capacity	1940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.9 km ²
Perimeter of catchment	21.9 km
Basin Length	6488.6 m
Form factor	0.54442
Circularity ratio	0.59990
Elongation ratio	0.83230
Highest Stream order	6
Max elevation	247.0 m
Min elevation	31.0 m
Mean bifurcation ratio	11.4510
Stream frequency	75.6930 per km ²
Relief	216.00 m
Drainage density	10.5540 km/km ²
Length of overland flow	47.374 m

CATCHMENT CLIMATOLOGY

