

Bhira (Forebay) Dam

Location	18.4442° N, 73.3508° E
State	Maharashtra
Nearest City	Mangaon
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Kundalika
Dam Type	Earthfill Embankment
Height above lowest foundation level	40.0 m
Dam length	442.5 m
Reservoir Area	390000.0 m ²
Gross storage capacity	5101000.0 m ³
Effective storage capacity	1760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.3 km ²
Perimeter of catchment	39.9 km
Basin Length	11920.0 m
Form factor	0.45985
Circularity ratio	0.51507
Elongation ratio	0.76492
Highest Stream order	6
Max elevation	1038.0 m
Min elevation	46.0 m
Mean bifurcation ratio	2.3548
Stream frequency	88.9480 per km ²
Relief	992.00 m
Drainage density	13.4530 km/km ²
Length of overland flow	37.167 m

CATCHMENT CLIMATOLOGY

