

Panhalghar Dam

Location	18.1806° N, 73.3675° E
State	Maharashtra
Nearest City	Mangaon
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	658.0 m
Reservoir Area	594420.0 m ²
Gross storage capacity	3226000.0 m ³
Effective storage capacity	3150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.3 km
Basin Length	2158.8 m
Form factor	0.68743
Circularity ratio	0.74706
Elongation ratio	0.93524
Highest Stream order	4
Max elevation	263.0 m
Min elevation	26.0 m
Mean bifurcation ratio	3.1134
Stream frequency	87.7070 per km ²
Relief	237.00 m
Drainage density	12.6780 km/km ²
Length of overland flow	39.437 m

CATCHMENT CLIMATOLOGY

