

## Malangaon Dam

Location	21.0933° N, 74.0975° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Kan
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	1141.0 m
Reservoir Area	248000.0 m <sup>2</sup>
Gross storage capacity	13030000.0 m <sup>3</sup>
Effective storage capacity	11330000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.9 km <sup>2</sup>
Perimeter of catchment	49.2 km
Basin Length	16511.0 m
Form factor	0.31161
Circularity ratio	0.44170
Elongation ratio	0.62967
Highest Stream order	6
Max elevation	825.0 m
Min elevation	536.0 m
Mean bifurcation ratio	2.1827
Stream frequency	77.6390 per km <sup>2</sup>
Relief	289.00 m
Drainage density	10.6510 km/km <sup>2</sup>
Length of overland flow	46.944 m

## CATCHMENT CLIMATOLOGY

