

Malgaon Chinchpada Dam

Location	20.6153° N, 73.9472° E
State	Maharashtra
Nearest City	Kalwan
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Darchabud
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	331.0 m
Reservoir Area	461750.0 m ²
Gross storage capacity	2820000.0 m ³
Effective storage capacity	2720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km ²
Perimeter of catchment	15.0 km
Basin Length	4331.4 m
Form factor	0.67530
Circularity ratio	0.70927
Elongation ratio	0.92695
Highest Stream order	5
Max elevation	1095.0 m
Min elevation	661.0 m
Mean bifurcation ratio	2.8561
Stream frequency	85.1690 per km ²
Relief	434.00 m
Drainage density	12.4690 km/km ²
Length of overland flow	40.098 m

CATCHMENT CLIMATOLOGY

