

Khadak Malegaon Dam

Location	20.1681° N, 74.1583° E
State	Maharashtra
Nearest City	Niphad
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Vainarha
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	1200.0 m
Reservoir Area	705000.0 m ²
Gross storage capacity	3170000.0 m ³
Effective storage capacity	2500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.8 km ²
Perimeter of catchment	66.0 km
Basin Length	25550.0 m
Form factor	0.10085
Circularity ratio	0.18989
Elongation ratio	0.35822
Highest Stream order	6
Max elevation	1086.0 m
Min elevation	587.0 m
Mean bifurcation ratio	2.8082
Stream frequency	76.7510 per km ²
Relief	499.00 m
Drainage density	10.4920 km/km ²
Length of overland flow	47.656 m

CATCHMENT CLIMATOLOGY

