

Dudhkheda Dam

Location	21.5622° N, 74.6397° E
State	Maharashtra
Nearest City	Shahada
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Mhais
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	1165.0 m
Reservoir Area	967000.0 m ²
Gross storage capacity	3590000.0 m ³
Effective storage capacity	3370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.9 km ²
Perimeter of catchment	29.9 km
Basin Length	11681.0 m
Form factor	0.19747
Circularity ratio	0.38011
Elongation ratio	0.50126
Highest Stream order	5
Max elevation	364.0 m
Min elevation	212.0 m
Mean bifurcation ratio	2.1453
Stream frequency	75.2690 per km ²
Relief	152.00 m
Drainage density	10.2240 km/km ²
Length of overland flow	48.903 m

CATCHMENT CLIMATOLOGY

