

Kothurde Dam

Location	18.1925° N, 73.3958° E
State	Maharashtra
Nearest City	Mahad
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.6 m
Dam length	700.0 m
Reservoir Area	780000.0 m ²
Gross storage capacity	2720000.0 m ³
Effective storage capacity	2493000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.9 km ²
Perimeter of catchment	29.7 km
Basin Length	9650.2 m
Form factor	0.44993
Circularity ratio	0.59743
Elongation ratio	0.75663
Highest Stream order	5
Max elevation	832.0 m
Min elevation	18.0 m
Mean bifurcation ratio	2.5810
Stream frequency	95.4170 per km ²
Relief	814.00 m
Drainage density	14.7240 km/km ²
Length of overland flow	33.957 m

CATCHMENT CLIMATOLOGY

