

Kumathe Dam

Location	17.5967° N, 73.9542° E
State	Maharashtra
Nearest City	Satara
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.1 m
Dam length	871.0 m
Reservoir Area	444000.0 m ²
Gross storage capacity	3400000.0 m ³
Effective storage capacity	3170000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	17.9 km
Basin Length	5789.5 m
Form factor	0.60624
Circularity ratio	0.79614
Elongation ratio	0.87827
Highest Stream order	5
Max elevation	1152.0 m
Min elevation	690.0 m
Mean bifurcation ratio	2.6723
Stream frequency	95.7190 per km ²
Relief	462.00 m
Drainage density	15.0290 km/km ²
Length of overland flow	33.269 m

CATCHMENT CLIMATOLOGY

