

Mahadikwadi Dam

Location	17.1700° N, 74.6511° E
State	Maharashtra
Nearest City	Atpadi
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Man
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	615.0 m
Reservoir Area	7923000.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	9.0 km
Basin Length	2384.0 m
Form factor	0.65636
Circularity ratio	0.58075
Elongation ratio	0.91386
Highest Stream order	5
Max elevation	844.0 m
Min elevation	668.0 m
Mean bifurcation ratio	2.9923
Stream frequency	82.8320 per km ²
Relief	176.00 m
Drainage density	11.8480 km/km ²
Length of overland flow	42.203 m

CATCHMENT CLIMATOLOGY

