

Mamdapur Dam

Location	18.2667° N, 75.8422° E
State	Maharashtra
Nearest City	Barshi
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	1189.0 m
Reservoir Area	1004000.0 m ²
Gross storage capacity	2527330.0 m ³
Effective storage capacity	1897000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	64.4 km ²
Perimeter of catchment	37.8 km
Basin Length	13894.0 m
Form factor	0.33349
Circularity ratio	0.56581
Elongation ratio	0.65140
Highest Stream order	6
Max elevation	692.0 m
Min elevation	526.0 m
Mean bifurcation ratio	2.6363
Stream frequency	70.4390 per km ²
Relief	166.00 m
Drainage density	9.4390 km/km ²
Length of overland flow	52.970 m

CATCHMENT CLIMATOLOGY

