

Mugaon Dam

Location	18.3842° N, 75.3644° E
State	Maharashtra
Nearest City	Paranda
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	623.0 m
Reservoir Area	390000.0 m ²
Gross storage capacity	1000000.0 m ³
Effective storage capacity	820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	237.3 km ²
Perimeter of catchment	89.2 km
Basin Length	37944.0 m
Form factor	0.16479
Circularity ratio	0.37476
Elongation ratio	0.45791
Highest Stream order	7
Max elevation	761.0 m
Min elevation	500.0 m
Mean bifurcation ratio	2.1102
Stream frequency	79.2460 per km ²
Relief	261.00 m
Drainage density	11.3520 km/km ²
Length of overland flow	44.044 m

CATCHMENT CLIMATOLOGY

