

Mandvi Dam

Location	21.6631° N, 78.4131° E
State	Madhya Pradesh
Nearest City	Sausar
Year of Completion	2001
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.7 m
Dam length	940.0 m
Reservoir Area	42000.0 m ²
Gross storage capacity	2620000.0 m ³
Effective storage capacity	2370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.2 km ²
Perimeter of catchment	22.3 km
Basin Length	7864.1 m
Form factor	0.40781
Circularity ratio	0.63783
Elongation ratio	0.72034
Highest Stream order	5
Max elevation	743.0 m
Min elevation	565.0 m
Mean bifurcation ratio	2.2223
Stream frequency	72.1230 per km ²
Relief	178.00 m
Drainage density	9.3100 km/km ²
Length of overland flow	53.707 m

CATCHMENT CLIMATOLOGY

