

Manikheda Dam

Location	23.6611° N, 77.2056° E
State	Madhya Pradesh
Nearest City	Sehore
Year of Completion	1992
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	108.0 m
Reservoir Area	1156000.0 m ²
Gross storage capacity	3808000.0 m ³
Effective storage capacity	3502000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.3 km ²
Perimeter of catchment	16.2 km
Basin Length	5854.8 m
Form factor	0.38928
Circularity ratio	0.63614
Elongation ratio	0.70378
Highest Stream order	5
Max elevation	497.0 m
Min elevation	440.0 m
Mean bifurcation ratio	2.2339
Stream frequency	79.3620 per km ²
Relief	57.00 m
Drainage density	10.5590 km/km ²
Length of overland flow	47.351 m

CATCHMENT CLIMATOLOGY

