

Manegaon Dam

Location	23.0561° N, 80.5097° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	552.3 m
Reservoir Area	287170.0 m ²
Gross storage capacity	1006000.0 m ³
Effective storage capacity	831000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.4 km ²
Perimeter of catchment	24.1 km
Basin Length	5440.0 m
Form factor	0.79152
Circularity ratio	0.50767
Elongation ratio	1.00360
Highest Stream order	5
Max elevation	761.0 m
Min elevation	653.0 m
Mean bifurcation ratio	2.7486
Stream frequency	80.4310 per km ²
Relief	108.00 m
Drainage density	11.3440 km/km ²
Length of overland flow	44.076 m

CATCHMENT CLIMATOLOGY

