

Gangajali Dam

Location	22.2797° N, 75.3575° E
State	Madhya Pradesh
Nearest City	Manawar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	250.0 m
Reservoir Area	593000.0 m ²
Gross storage capacity	2115000.0 m ³
Effective storage capacity	1882000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km ²
Perimeter of catchment	12.7 km
Basin Length	4556.2 m
Form factor	0.41712
Circularity ratio	0.67969
Elongation ratio	0.72852
Highest Stream order	5
Max elevation	551.0 m
Min elevation	212.0 m
Mean bifurcation ratio	2.6184
Stream frequency	80.4940 per km ²
Relief	339.00 m
Drainage density	10.9890 km/km ²
Length of overland flow	45.502 m

CATCHMENT CLIMATOLOGY

