

Gadigaltar Dam

Location	21.6411° N, 75.7411° E
State	Madhya Pradesh
Nearest City	Bhagwanpur
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Undri Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.2 m
Dam length	873.0 m
Reservoir Area	2080000.0 m ²
Gross storage capacity	15545000.0 m ³
Effective storage capacity	10500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	114.4 km ²
Perimeter of catchment	50.4 km
Basin Length	14161.0 m
Form factor	0.57022
Circularity ratio	0.56692
Elongation ratio	0.85178
Highest Stream order	6
Max elevation	932.0 m
Min elevation	360.0 m
Mean bifurcation ratio	2.5201
Stream frequency	78.2010 per km ²
Relief	572.00 m
Drainage density	10.7960 km/km ²
Length of overland flow	46.315 m

CATCHMENT CLIMATOLOGY

