

Gangapur Dam

Location	20.0367° N, 73.6789° E
State	Maharashtra
Nearest City	Nashik
Year of Completion	1965
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
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Dam Type	Earthfill Embankment
Height above lowest foundation level	36.6 m
Dam length	3902.0 m
Reservoir Area	22310000.0 m ²
Gross storage capacity	160100000.0 m ³
Effective storage capacity	159420000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	359.0 km ²
Perimeter of catchment	95.2 km
Basin Length	26447.0 m
Form factor	0.51332
Circularity ratio	0.49789
Elongation ratio	0.80817
Highest Stream order	7
Max elevation	1082.0 m
Min elevation	570.0 m
Mean bifurcation ratio	2.9899
Stream frequency	81.0100 per km ²
Relief	512.00 m
Drainage density	11.5870 km/km ²
Length of overland flow	43.150 m

CATCHMENT CLIMATOLOGY

