

Shankarpur Dam

Location	23.4958° N, 76.2444° E
State	Madhya Pradesh
Nearest City	Khandwa
Year of Completion	1993
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	585.0 m
Reservoir Area	274000.0 m ²
Gross storage capacity	600000.0 m ³
Effective storage capacity	560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	608.0 km ²
Perimeter of catchment	124.2 km
Basin Length	41216.0 m
Form factor	0.35788
Circularity ratio	0.49564
Elongation ratio	0.67480
Highest Stream order	7
Max elevation	572.0 m
Min elevation	419.0 m
Mean bifurcation ratio	2.1676
Stream frequency	77.2260 per km ²
Relief	153.00 m
Drainage density	10.5650 km/km ²
Length of overland flow	47.327 m

CATCHMENT CLIMATOLOGY

