

Shampur Dam

Location	22.7486° N, 77.1325° E
State	Madhya Pradesh
Nearest City	Nasrullahganj
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	1195.7 m
Reservoir Area	603000.0 m ²
Gross storage capacity	1880000.0 m ³
Effective storage capacity	1767000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	11.1 km
Basin Length	3012.7 m
Form factor	0.83598
Circularity ratio	0.77555
Elongation ratio	1.03140
Highest Stream order	5
Max elevation	405.0 m
Min elevation	311.0 m
Mean bifurcation ratio	4.9432
Stream frequency	77.3640 per km ²
Relief	94.00 m
Drainage density	10.4200 km/km ²
Length of overland flow	47.983 m

CATCHMENT CLIMATOLOGY

