

Ashok Nagar (Tulsi Sarovar) Dam

Location	24.5833° N, 77.7408° E
State	Madhya Pradesh
Nearest City	Ashok Ngr.
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	911.4 m
Reservoir Area	1181000.0 m ²
Gross storage capacity	1593000.0 m ³
Effective storage capacity	1206000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.3 km ²
Perimeter of catchment	20.0 km
Basin Length	7872.4 m
Form factor	0.19830
Circularity ratio	0.38526
Elongation ratio	0.50231
Highest Stream order	4
Max elevation	529.0 m
Min elevation	475.0 m
Mean bifurcation ratio	2.0697
Stream frequency	72.4180 per km ²
Relief	54.00 m
Drainage density	9.2210 km/km ²
Length of overland flow	54.224 m

CATCHMENT CLIMATOLOGY

