

Pdamasagar Dam

Location	25.0008° N, 78.9519° E
State	Madhya Pradesh
Nearest City	Tikamgarh
Year of Completion	1963
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	137.0 m
Reservoir Area	366386.0 m ²
Gross storage capacity	1911000.0 m ³
Effective storage capacity	1341000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.8 km ²
Perimeter of catchment	16.6 km
Basin Length	5540.2 m
Form factor	0.38433
Circularity ratio	0.53663
Elongation ratio	0.69929
Highest Stream order	5
Max elevation	365.0 m
Min elevation	290.0 m
Mean bifurcation ratio	5.3074
Stream frequency	73.4960 per km ²
Relief	75.00 m
Drainage density	9.5910 km/km ²
Length of overland flow	52.131 m

CATCHMENT CLIMATOLOGY

