

Padar Dam

Location	24.6081° N, 81.8239° E
State	Madhya Pradesh
Nearest City	Mauganj
Year of Completion	1969
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	1509.0 m
Reservoir Area	408972.0 m ²
Gross storage capacity	1285000.0 m ³
Effective storage capacity	1200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	11.3 km
Basin Length	3643.9 m
Form factor	0.61125
Circularity ratio	0.79615
Elongation ratio	0.88190
Highest Stream order	5
Max elevation	421.0 m
Min elevation	362.0 m
Mean bifurcation ratio	3.5010
Stream frequency	78.7320 per km ²
Relief	59.00 m
Drainage density	10.4660 km/km ²
Length of overland flow	47.774 m

CATCHMENT CLIMATOLOGY

