

Pehsari Dam

Location	25.9656° N, 77.7606° E
State	Madhya Pradesh
Nearest City	Gwalior
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Mowar
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	2150.0 m
Reservoir Area	4118922.0 m ²
Gross storage capacity	44250000.0 m ³
Effective storage capacity	16920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.7 km ²
Perimeter of catchment	46.4 km
Basin Length	10200.0 m
Form factor	0.81407
Circularity ratio	0.49535
Elongation ratio	1.01770
Highest Stream order	6
Max elevation	423.0 m
Min elevation	315.0 m
Mean bifurcation ratio	2.3227
Stream frequency	78.3750 per km ²
Relief	108.00 m
Drainage density	10.6770 km/km ²
Length of overland flow	46.831 m

CATCHMENT CLIMATOLOGY

