

Putliwar Dam

Location	25.1508° N, 78.1725° E
State	Madhya Pradesh
Nearest City	Shivpuri
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Pihutiwar Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.5 m
Dam length	129.6 m
Reservoir Area	1494400.0 m ²
Gross storage capacity	5250000.0 m ³
Effective storage capacity	4950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.6 km ²
Perimeter of catchment	19.6 km
Basin Length	6436.9 m
Form factor	0.44855
Circularity ratio	0.60564
Elongation ratio	0.75546
Highest Stream order	6
Max elevation	396.0 m
Min elevation	340.0 m
Mean bifurcation ratio	2.1099
Stream frequency	72.6380 per km ²
Relief	56.00 m
Drainage density	9.3610 km/km ²
Length of overland flow	53.416 m

CATCHMENT CLIMATOLOGY

