

Paladigwar Dam

Location	22.9153° N, 81.3136° E
State	Madhya Pradesh
Nearest City	Pushprajgarh
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Paladigwar
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.1 m
Dam length	215.0 m
Reservoir Area	109200.0 m ²
Gross storage capacity	480000.0 m ³
Effective storage capacity	400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.0 km ²
Perimeter of catchment	7.7 km
Basin Length	2756.0 m
Form factor	0.39728
Circularity ratio	0.64230
Elongation ratio	0.71098
Highest Stream order	3
Max elevation	935.0 m
Min elevation	731.0 m
Mean bifurcation ratio	2.5909
Stream frequency	80.8590 per km ²
Relief	204.00 m
Drainage density	11.1300 km/km ²
Length of overland flow	44.925 m

CATCHMENT CLIMATOLOGY

