

Petlawad Dam

Location	22.2819° N, 75.2481° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1075.0 m
Reservoir Area	801000.0 m ²
Gross storage capacity	2543890.0 m ³
Effective storage capacity	2263000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	115.9 km ²
Perimeter of catchment	59.4 km
Basin Length	19203.0 m
Form factor	0.31437
Circularity ratio	0.41341
Elongation ratio	0.63245
Highest Stream order	7
Max elevation	691.0 m
Min elevation	208.0 m
Mean bifurcation ratio	4.0297
Stream frequency	77.4550 per km ²
Relief	483.00 m
Drainage density	10.6250 km/km ²
Length of overland flow	47.058 m

CATCHMENT CLIMATOLOGY

