

Patajan Dam

Location	21.8722° N, 76.8633° E
State	Madhya Pradesh
Nearest City	Harsud
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	12.9 m
Dam length	451.0 m
Reservoir Area	450000.0 m ²
Gross storage capacity	1279000.0 m ³
Effective storage capacity	1139000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km ²
Perimeter of catchment	10.9 km
Basin Length	3900.7 m
Form factor	0.40284
Circularity ratio	0.64610
Elongation ratio	0.71594
Highest Stream order	5
Max elevation	432.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.4855
Stream frequency	75.5370 per km ²
Relief	101.00 m
Drainage density	10.2500 km/km ²
Length of overland flow	48.781 m

CATCHMENT CLIMATOLOGY

