

Pathrai Dam

Location	25.4236° N, 79.0278° E
State	Uttar Pradesh
Nearest City	Mau Ranipur
Year of Completion	2002
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Pathrai
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	3800.0 m
Reservoir Area	59400000.0 m ²
Gross storage capacity	123770000.0 m ³
Effective storage capacity	78500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	120.2 km ²
Perimeter of catchment	63.4 km
Basin Length	20612.0 m
Form factor	0.28292
Circularity ratio	0.37564
Elongation ratio	0.59999
Highest Stream order	6
Max elevation	330.0 m
Min elevation	193.0 m
Mean bifurcation ratio	2.1087
Stream frequency	62.8960 per km ²
Relief	137.00 m
Drainage density	7.3760 km/km ²
Length of overland flow	67.784 m

CATCHMENT CLIMATOLOGY

