

Pathargawan Dam

Location	23.4217° N, 82.5944° E
State	Chhattisgarh
Nearest City	Baikunthpur
Year of Completion	1988
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	428.0 m
Reservoir Area	230000.0 m ²
Gross storage capacity	1030000.0 m ³
Effective storage capacity	960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	11.2 km
Basin Length	3841.2 m
Form factor	0.37205
Circularity ratio	0.54543
Elongation ratio	0.68803
Highest Stream order	4
Max elevation	782.0 m
Min elevation	680.0 m
Mean bifurcation ratio	2.3752
Stream frequency	70.1340 per km ²
Relief	102.00 m
Drainage density	8.4540 km/km ²
Length of overland flow	59.143 m

CATCHMENT CLIMATOLOGY

