

Patloi Dam

Location	23.3623° N, 86.4838° E
State	West Bengal
Nearest City	Purulia
Year of Completion	2012
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Patloi.
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	952.4 m
Reservoir Area	1820000.0 m ²
Gross storage capacity	5555000.0 m ³
Effective storage capacity	4209000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	39.1 km ²
Perimeter of catchment	27.5 km
Basin Length	9030.2 m
Form factor	0.47987
Circularity ratio	0.64932
Elongation ratio	0.78140
Highest Stream order	6
Max elevation	274.0 m
Min elevation	221.0 m
Mean bifurcation ratio	2.6597
Stream frequency	75.6170 per km ²
Relief	53.00 m
Drainage density	10.2260 km/km ²
Length of overland flow	48.894 m

CATCHMENT CLIMATOLOGY

