

## Poiadonger Dam

Location	24.2403° N, 75.7464° E
State	Madhya Pradesh
Nearest City	Garot
Year of Completion	1956
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	751.0 m
Reservoir Area	107400.0 m <sup>2</sup>
Gross storage capacity	2197000.0 m <sup>3</sup>
Effective storage capacity	2061200.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.6 km <sup>2</sup>
Perimeter of catchment	13.0 km
Basin Length	5175.9 m
Form factor	0.36005
Circularity ratio	0.71636
Elongation ratio	0.67684
Highest Stream order	5
Max elevation	457.0 m
Min elevation	403.0 m
Mean bifurcation ratio	2.2255
Stream frequency	71.3270 per km <sup>2</sup>
Relief	54.00 m
Drainage density	9.1380 km/km <sup>2</sup>
Length of overland flow	54.720 m

## CATCHMENT CLIMATOLOGY

