

Semariya Dam

Location	23.1828° N, 81.3919° E
State	Madhya Pradesh
Nearest City	Sohagpur
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Utaila
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	620.0 m
Reservoir Area	113000.0 m ²
Gross storage capacity	1008000.0 m ³
Effective storage capacity	980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.2 km ²
Perimeter of catchment	21.0 km
Basin Length	7673.8 m
Form factor	0.34359
Circularity ratio	0.57808
Elongation ratio	0.66120
Highest Stream order	5
Max elevation	766.0 m
Min elevation	488.0 m
Mean bifurcation ratio	2.7771
Stream frequency	71.9620 per km ²
Relief	278.00 m
Drainage density	9.3400 km/km ²
Length of overland flow	53.533 m

CATCHMENT CLIMATOLOGY

