

Semri Dam

Location	24.9322° N, 82.8444° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1989
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	666.0 m
Reservoir Area	81893.0 m ²
Gross storage capacity	1983000.0 m ³
Effective storage capacity	1388100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.4 km ²
Perimeter of catchment	19.0 km
Basin Length	5514.4 m
Form factor	0.54080
Circularity ratio	0.57153
Elongation ratio	0.82952
Highest Stream order	5
Max elevation	291.0 m
Min elevation	204.0 m
Mean bifurcation ratio	2.4805
Stream frequency	79.4760 per km ²
Relief	87.00 m
Drainage density	10.7160 km/km ²
Length of overland flow	46.661 m

CATCHMENT CLIMATOLOGY

