

Semli Dam

Location	21.9853° N, 74.7406° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.8 m
Dam length	185.0 m
Reservoir Area	188400.0 m ²
Gross storage capacity	970000.0 m ³
Effective storage capacity	864000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	7.6 km
Basin Length	2272.2 m
Form factor	0.66909
Circularity ratio	0.75427
Elongation ratio	0.92268
Highest Stream order	4
Max elevation	386.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.8796
Stream frequency	76.7150 per km ²
Relief	159.00 m
Drainage density	10.5540 km/km ²
Length of overland flow	47.375 m

CATCHMENT CLIMATOLOGY

