

Semrakudri Dam

Location	23.9719° N, 80.1800° E
State	Madhya Pradesh
Nearest City	Murwara
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Laipri Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	1037.0 m
Reservoir Area	263431.0 m ²
Gross storage capacity	1610000.0 m ³
Effective storage capacity	680000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.7 km
Basin Length	2353.4 m
Form factor	0.57088
Circularity ratio	0.67367
Elongation ratio	0.85228
Highest Stream order	4
Max elevation	482.0 m
Min elevation	403.0 m
Mean bifurcation ratio	2.5214
Stream frequency	83.4960 per km ²
Relief	79.00 m
Drainage density	11.2520 km/km ²
Length of overland flow	44.436 m

CATCHMENT CLIMATOLOGY

