

Sarai Dam

Location	23.2486° N, 80.6061° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	640.0 m
Reservoir Area	206000.0 m ²
Gross storage capacity	680000.0 m ³
Effective storage capacity	648000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km ²
Perimeter of catchment	7.4 km
Basin Length	2237.8 m
Form factor	0.58846
Circularity ratio	0.67191
Elongation ratio	0.86530
Highest Stream order	4
Max elevation	687.0 m
Min elevation	588.0 m
Mean bifurcation ratio	2.5947
Stream frequency	78.0520 per km ²
Relief	99.00 m
Drainage density	9.9290 km/km ²
Length of overland flow	50.356 m

CATCHMENT CLIMATOLOGY

