

Sarlai Dam

Location	21.8181° N, 75.1003° E
State	Madhya Pradesh
Nearest City	Barwaha
Year of Completion	1955
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	165.0 m
Reservoir Area	110000.0 m ²
Gross storage capacity	1118000.0 m ³
Effective storage capacity	1078000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km ²
Perimeter of catchment	7.0 km
Basin Length	1565.2 m
Form factor	0.97742
Circularity ratio	0.60973
Elongation ratio	1.11520
Highest Stream order	4
Max elevation	457.0 m
Min elevation	369.0 m
Mean bifurcation ratio	2.5199
Stream frequency	78.5130 per km ²
Relief	88.00 m
Drainage density	9.5920 km/km ²
Length of overland flow	52.128 m

CATCHMENT CLIMATOLOGY

