

Silkuwa Dam

Location	22.1978° N, 74.7347° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	540.0 m
Reservoir Area	28770.0 m ²
Gross storage capacity	945220.0 m ³
Effective storage capacity	843340.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km ²
Perimeter of catchment	7.2 km
Basin Length	2880.8 m
Form factor	0.24508
Circularity ratio	0.49733
Elongation ratio	0.55843
Highest Stream order	4
Max elevation	216.0 m
Min elevation	181.0 m
Mean bifurcation ratio	2.1434
Stream frequency	72.7660 per km ²
Relief	35.00 m
Drainage density	9.2150 km/km ²
Length of overland flow	54.259 m

CATCHMENT CLIMATOLOGY

