

Jawari Dam

Location	24.0725° N, 77.6728° E
State	Madhya Pradesh
Nearest City	Sironj
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Jawari
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	450.0 m
Reservoir Area	357000.0 m ²
Gross storage capacity	1160000.0 m ³
Effective storage capacity	1059000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km ²
Perimeter of catchment	8.5 km
Basin Length	2655.4 m
Form factor	0.69517
Circularity ratio	0.85027
Elongation ratio	0.94049
Highest Stream order	5
Max elevation	528.0 m
Min elevation	473.0 m
Mean bifurcation ratio	3.0992
Stream frequency	81.6020 per km ²
Relief	55.00 m
Drainage density	11.2820 km/km ²
Length of overland flow	44.318 m

CATCHMENT CLIMATOLOGY

