

Jaguwa Dam

Location	23.7458° N, 80.8744° E
State	Madhya Pradesh
Nearest City	Murwara
Year of Completion	1921
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Bhader
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	1368.0 m
Reservoir Area	1470000.0 m ²
Gross storage capacity	4810000.0 m ³
Effective storage capacity	4507000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.1 km ²
Perimeter of catchment	19.5 km
Basin Length	7819.2 m
Form factor	0.26335
Circularity ratio	0.52970
Elongation ratio	0.57886
Highest Stream order	5
Max elevation	495.0 m
Min elevation	410.0 m
Mean bifurcation ratio	2.2275
Stream frequency	75.4600 per km ²
Relief	85.00 m
Drainage density	10.2450 km/km ²
Length of overland flow	48.802 m

CATCHMENT CLIMATOLOGY

