

Johila Dam

Location	22.7806° N, 81.7408° E
State	Madhya Pradesh
Nearest City	Anuppur
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Johila
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.3 m
Dam length	1234.7 m
Reservoir Area	1420000.0 m ²
Gross storage capacity	8530000.0 m ³
Effective storage capacity	8000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.3 km ²
Perimeter of catchment	22.0 km
Basin Length	6966.9 m
Form factor	0.43943
Circularity ratio	0.55270
Elongation ratio	0.74775
Highest Stream order	5
Max elevation	1139.0 m
Min elevation	912.0 m
Mean bifurcation ratio	2.7784
Stream frequency	88.3310 per km ²
Relief	227.00 m
Drainage density	12.6970 km/km ²
Length of overland flow	39.380 m

CATCHMENT CLIMATOLOGY

