

Jhirrya Dam

Location	24.0761° N, 82.1372° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.6 m
Dam length	560.0 m
Reservoir Area	1664000.0 m ²
Gross storage capacity	9800000.0 m ³
Effective storage capacity	8400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	9.9 km
Basin Length	2863.1 m
Form factor	0.68773
Circularity ratio	0.71613
Elongation ratio	0.93545
Highest Stream order	5
Max elevation	481.0 m
Min elevation	430.0 m
Mean bifurcation ratio	3.6285
Stream frequency	76.4490 per km ²
Relief	51.00 m
Drainage density	9.6740 km/km ²
Length of overland flow	51.683 m

CATCHMENT CLIMATOLOGY

