

## Jhaloni Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 24.9572° N, 78.1375° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Pichor                                    |
| Year of Completion                   | 1913                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Ganga                                     |
| River                                | Dhamvarsi Nala                            |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 13.5 m                                    |
| Dam length                           | 540.0 m                                   |
| Reservoir Area                       | 1730000.0 m <sup>2</sup>                  |
| Gross storage capacity               | 3864000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 3793000.0 m <sup>3</sup>                  |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 11.4 km <sup>2</sup>        |
| Perimeter of catchment  | 15.5 km                     |
| Basin Length            | 6009.6 m                    |
| Form factor             | 0.31673                     |
| Circularity ratio       | 0.59579                     |
| Elongation ratio        | 0.63482                     |
| Highest Stream order    | 5                           |
| Max elevation           | 406.0 m                     |
| Min elevation           | 342.0 m                     |
| Mean bifurcation ratio  | 2.1312                      |
| Stream frequency        | 70.6380 per km <sup>2</sup> |
| Relief                  | 64.00 m                     |
| Drainage density        | 8.7190 km/km <sup>2</sup>   |
| Length of overland flow | 57.349 m                    |

## CATCHMENT CLIMATOLOGY

