

## **Mohari Dam**

| Location                             | 24.6139° N, 77.4089° E                    |
|--------------------------------------|---|
| State                                | Madhya Pradesh                            |
| Nearest City                         | Guna                                      |
| Year of Completion                   | 1916                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Ganga                                     |
| River                                | Kenera Nadi                               |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 12.2 m                                    |
| Dam length                           | 1221.0 m                                  |
| Reservoir Area                       | 1094000.0 m <sup>2</sup>                  |
| Gross storage capacity               | 2670000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 2363000.0 m <sup>3</sup>                  |

## **CATCHMENT CHARACTERISTICS**

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 11.7 km <sup>2</sup>        |
| Perimeter of catchment  | 13.7 km                     |
| Basin Length            | 4732.8 m                    |
| Form factor             | 0.52279                     |
| Circularity ratio       | 0.77884                     |
| Elongation ratio        | 0.81560                     |
| Highest Stream order    | 5                           |
| Max elevation           | 514.0 m                     |
| Min elevation           | 480.0 m                     |
| Mean bifurcation ratio  | 2.5294                      |
| Stream frequency        | 85.6500 per km <sup>2</sup> |
| Relief                  | 34.00 m                     |
| Drainage density        | 11.8940 km/km <sup>2</sup>  |
| Length of overland flow | 42.039 m                    |

## **CATCHMENT CLIMATOLOGY**

