

## Khurera Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 24.6692° N, 79.1603° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Tikamgarh                                 |
| Year of Completion                   | 1969                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Ganga                                     |
| River                                | Burun Nala                                |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 17.0 m                                    |
| Dam length                           | 330.0 m                                   |
| Reservoir Area                       | 1074000.0 m <sup>2</sup>                  |
| Gross storage capacity               | 2666000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 2398000.0 m <sup>3</sup>                  |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 12.2 km <sup>2</sup>        |
| Perimeter of catchment  | 15.7 km                     |
| Basin Length            | 4976.9 m                    |
| Form factor             | 0.49253                     |
| Circularity ratio       | 0.62330                     |
| Elongation ratio        | 0.79164                     |
| Highest Stream order    | 5                           |
| Max elevation           | 391.0 m                     |
| Min elevation           | 298.0 m                     |
| Mean bifurcation ratio  | 2.6528                      |
| Stream frequency        | 72.2150 per km <sup>2</sup> |
| Relief                  | 93.00 m                     |
| Drainage density        | 9.2290 km/km <sup>2</sup>   |
| Length of overland flow | 54.179 m                    |

## CATCHMENT CLIMATOLOGY

