

## Rui Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 18.1356° N, 76.1211° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Osmanabad                              |
| Year of Completion                   | 1988                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Rui                                    |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 11.8 m                                 |
| Dam length                           | 2450.0 m                               |
| Reservoir Area                       | 4722000.0 m <sup>2</sup>               |
| Gross storage capacity               | 8941000.0 m <sup>3</sup>               |
| Effective storage capacity           | 8605000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 88.2 km <sup>2</sup>        |
| Perimeter of catchment  | 43.8 km                     |
| Basin Length            | 13446.0 m                   |
| Form factor             | 0.48813                     |
| Circularity ratio       | 0.57875                     |
| Elongation ratio        | 0.78809                     |
| Highest Stream order    | 7                           |
| Max elevation           | 704.0 m                     |
| Min elevation           | 626.0 m                     |
| Mean bifurcation ratio  | 4.8279                      |
| Stream frequency        | 69.8380 per km <sup>2</sup> |
| Relief                  | 78.00 m                     |
| Drainage density        | 9.3760 km/km <sup>2</sup>   |
| Length of overland flow | 53.330 m                    |

## CATCHMENT CLIMATOLOGY

