

## Bhiwapur Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 20.9308° N, 77.9897° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Tivsa                                  |
| Year of Completion                   | 1979                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Bhogwati                               |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 17.9 m                                 |
| Dam length                           | 1010.0 m                               |
| Reservoir Area                       | 900000.0 m <sup>2</sup>                |
| Gross storage capacity               | 4047000.0 m <sup>3</sup>               |
| Effective storage capacity           | 3488000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 54.9 km <sup>2</sup>        |
| Perimeter of catchment  | 33.4 km                     |
| Basin Length            | 11844.0 m                   |
| Form factor             | 0.39113                     |
| Circularity ratio       | 0.61837                     |
| Elongation ratio        | 0.70545                     |
| Highest Stream order    | 6                           |
| Max elevation           | 466.0 m                     |
| Min elevation           | 338.0 m                     |
| Mean bifurcation ratio  | 2.3086                      |
| Stream frequency        | 76.2430 per km <sup>2</sup> |
| Relief                  | 128.00 m                    |
| Drainage density        | 10.4820 km/km <sup>2</sup>  |
| Length of overland flow | 47.700 m                    |

## CATCHMENT CLIMATOLOGY

