

## Urkundapar Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 20.6289° N, 79.2189° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Umred                                  |
| Year of Completion                   | 1980                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 13.4 m                                 |
| Dam length                           | 913.0 m                                |
| Reservoir Area                       | 63000.0 m <sup>2</sup>                 |
| Gross storage capacity               | 4935000.0 m <sup>3</sup>               |
| Effective storage capacity           | 4751000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 16.0 km <sup>2</sup>        |
| Perimeter of catchment  | 16.9 km                     |
| Basin Length            | 5087.7 m                    |
| Form factor             | 0.61968                     |
| Circularity ratio       | 0.71013                     |
| Elongation ratio        | 0.88796                     |
| Highest Stream order    | 5                           |
| Max elevation           | 340.0 m                     |
| Min elevation           | 260.0 m                     |
| Mean bifurcation ratio  | 2.8065                      |
| Stream frequency        | 74.1270 per km <sup>2</sup> |
| Relief                  | 80.00 m                     |
| Drainage density        | 10.0780 km/km <sup>2</sup>  |
| Length of overland flow | 49.612 m                    |

## CATCHMENT CLIMATOLOGY

