

## Maisdodak Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 20.0506° N, 78.7442° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Maregaon                               |
| Year of Completion                   | 1990                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 11.4 m                                 |
| Dam length                           | 583.0 m                                |
| Reservoir Area                       | 352000.0 m <sup>2</sup>                |
| Gross storage capacity               | 860000.0 m <sup>3</sup>                |
| Effective storage capacity           | 820000.0 m <sup>3</sup>                |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 3.3 km <sup>2</sup>         |
| Perimeter of catchment  | 7.5 km                      |
| Basin Length            | 2552.8 m                    |
| Form factor             | 0.50449                     |
| Circularity ratio       | 0.72702                     |
| Elongation ratio        | 0.80119                     |
| Highest Stream order    | 4                           |
| Max elevation           | 335.0 m                     |
| Min elevation           | 272.0 m                     |
| Mean bifurcation ratio  | 3.2961                      |
| Stream frequency        | 75.7360 per km <sup>2</sup> |
| Relief                  | 63.00 m                     |
| Drainage density        | 9.5010 km/km <sup>2</sup>   |
| Length of overland flow | 52.627 m                    |

## CATCHMENT CLIMATOLOGY

