

## Dhaksal Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 19.7364° N, 76.3497° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Mantha                                 |
| Year of Completion                   | 1979                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 15.3 m                                 |
| Dam length                           | 709.0 m                                |
| Reservoir Area                       | 35000.0 m <sup>2</sup>                 |
| Gross storage capacity               | 1630000.0 m <sup>3</sup>               |
| Effective storage capacity           | 1536000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 12.8 km <sup>2</sup>        |
| Perimeter of catchment  | 15.4 km                     |
| Basin Length            | 5241.4 m                    |
| Form factor             | 0.46472                     |
| Circularity ratio       | 0.67445                     |
| Elongation ratio        | 0.76896                     |
| Highest Stream order    | 5                           |
| Max elevation           | 560.0 m                     |
| Min elevation           | 468.0 m                     |
| Mean bifurcation ratio  | 2.6910                      |
| Stream frequency        | 73.7850 per km <sup>2</sup> |
| Relief                  | 92.00 m                     |
| Drainage density        | 9.8110 km/km <sup>2</sup>   |
| Length of overland flow | 50.962 m                    |

## CATCHMENT CLIMATOLOGY

