

## Dudhebhavi Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 17.1581° N, 75.0042° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Kawathe Mahankal                       |
| Year of Completion                   | 1983                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 19.3 m                                 |
| Dam length                           | 480.0 m                                |
| Reservoir Area                       | 1173000.0 m <sup>2</sup>               |
| Gross storage capacity               | 3984000.0 m <sup>3</sup>               |
| Effective storage capacity           | 3456000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 77.0 km <sup>2</sup>        |
| Perimeter of catchment  | 49.2 km                     |
| Basin Length            | 18605.0 m                   |
| Form factor             | 0.22249                     |
| Circularity ratio       | 0.40020                     |
| Elongation ratio        | 0.53206                     |
| Highest Stream order    | 6                           |
| Max elevation           | 869.0 m                     |
| Min elevation           | 622.0 m                     |
| Mean bifurcation ratio  | 2.3620                      |
| Stream frequency        | 81.4030 per km <sup>2</sup> |
| Relief                  | 247.00 m                    |
| Drainage density        | 11.8120 km/km <sup>2</sup>  |
| Length of overland flow | 42.331 m                    |

## CATCHMENT CLIMATOLOGY

