

## Lakkadkot Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 19.6661° N, 78.1133° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Kinwat                                 |
| Year of Completion                   | Not Available                          |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 15.6 m                                 |
| Dam length                           | 540.0 m                                |
| Reservoir Area                       | 312700.0 m <sup>2</sup>                |
| Gross storage capacity               | 1925000.0 m <sup>3</sup>               |
| Effective storage capacity           | 1814000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 6.6 km <sup>2</sup>         |
| Perimeter of catchment  | 10.4 km                     |
| Basin Length            | 3277.2 m                    |
| Form factor             | 0.61668                     |
| Circularity ratio       | 0.76589                     |
| Elongation ratio        | 0.88581                     |
| Highest Stream order    | 5                           |
| Max elevation           | 454.0 m                     |
| Min elevation           | 286.0 m                     |
| Mean bifurcation ratio  | 2.5894                      |
| Stream frequency        | 85.7590 per km <sup>2</sup> |
| Relief                  | 168.00 m                    |
| Drainage density        | 12.2980 km/km <sup>2</sup>  |
| Length of overland flow | 40.656 m                    |

## CATCHMENT CLIMATOLOGY

