

## Kesapuri Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 19.9569° N, 75.1919° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Aurangabad                             |
| Year of Completion                   | 1972                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Kesapuri                               |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 17.0 m                                 |
| Dam length                           | 1118.0 m                               |
| Reservoir Area                       | 110000.0 m <sup>2</sup>                |
| Gross storage capacity               | 1720000.0 m <sup>3</sup>               |
| Effective storage capacity           | 1519000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 16.1 km <sup>2</sup>        |
| Perimeter of catchment  | 20.0 km                     |
| Basin Length            | 5141.4 m                    |
| Form factor             | 0.61042                     |
| Circularity ratio       | 0.50800                     |
| Elongation ratio        | 0.88130                     |
| Highest Stream order    | 6                           |
| Max elevation           | 879.0 m                     |
| Min elevation           | 589.0 m                     |
| Mean bifurcation ratio  | 2.3100                      |
| Stream frequency        | 78.8940 per km <sup>2</sup> |
| Relief                  | 290.00 m                    |
| Drainage density        | 10.9520 km/km <sup>2</sup>  |
| Length of overland flow | 45.654 m                    |

## CATCHMENT CLIMATOLOGY

