

## Galorgi Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 17.4736° N, 76.2272° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Akkalkot                               |
| Year of Completion                   | 1977                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 12.8 m                                 |
| Dam length                           | 564.0 m                                |
| Reservoir Area                       | 574800.0 m <sup>2</sup>                |
| Gross storage capacity               | 2079060.0 m <sup>3</sup>               |
| Effective storage capacity           | 1869000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 23.8 km <sup>2</sup>        |
| Perimeter of catchment  | 23.4 km                     |
| Basin Length            | 6706.6 m                    |
| Form factor             | 0.52823                     |
| Circularity ratio       | 0.54453                     |
| Elongation ratio        | 0.81982                     |
| Highest Stream order    | 5                           |
| Max elevation           | 510.0 m                     |
| Min elevation           | 432.0 m                     |
| Mean bifurcation ratio  | 2.5204                      |
| Stream frequency        | 78.5380 per km <sup>2</sup> |
| Relief                  | 78.00 m                     |
| Drainage density        | 11.1500 km/km <sup>2</sup>  |
| Length of overland flow | 44.844 m                    |

## CATCHMENT CLIMATOLOGY

