

## Dongarkonali Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 18.5694° N, 77.1508° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Jalkot                                 |
| Year of Completion                   | 2015                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 16.2 m                                 |
| Dam length                           | 396.0 m                                |
| Reservoir Area                       | 645000.0 m <sup>2</sup>                |
| Gross storage capacity               | 4134000.0 m <sup>3</sup>               |
| Effective storage capacity           | 3194000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 101.1 km <sup>2</sup>       |
| Perimeter of catchment  | 45.7 km                     |
| Basin Length            | 14271.0 m                   |
| Form factor             | 0.49646                     |
| Circularity ratio       | 0.60990                     |
| Elongation ratio        | 0.79479                     |
| Highest Stream order    | 7                           |
| Max elevation           | 563.0 m                     |
| Min elevation           | 465.0 m                     |
| Mean bifurcation ratio  | 2.2161                      |
| Stream frequency        | 78.5060 per km <sup>2</sup> |
| Relief                  | 98.00 m                     |
| Drainage density        | 11.2030 km/km <sup>2</sup>  |
| Length of overland flow | 44.629 m                    |

## CATCHMENT CLIMATOLOGY

