

## Bhopalgod Belkone Dam

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Location                             | 18.2828° N, 77.2819° E               |
| State                                | Karnataka                            |
| Nearest City                         | Aurad                                |
| Year of Completion                   | 1988                                 |
| Operated and Maintained by           | Karnataka Water Resources Department |
| River Basin                          | Godavari                             |
| River                                | Local                                |
| Dam Type                             | Earthfill Embankment                 |
| Height above lowest foundation level | 19.7 m                               |
| Dam length                           | 602.0 m                              |
| Reservoir Area                       | 161600.0 m <sup>2</sup>              |
| Gross storage capacity               | 2360000.0 m <sup>3</sup>             |
| Effective storage capacity           | 2158000.0 m <sup>3</sup>             |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 18.5 km <sup>2</sup>        |
| Perimeter of catchment  | 18.8 km                     |
| Basin Length            | 5247.5 m                    |
| Form factor             | 0.67013                     |
| Circularity ratio       | 0.65475                     |
| Elongation ratio        | 0.92340                     |
| Highest Stream order    | 5                           |
| Max elevation           | 632.0 m                     |
| Min elevation           | 571.0 m                     |
| Mean bifurcation ratio  | 2.3921                      |
| Stream frequency        | 81.8300 per km <sup>2</sup> |
| Relief                  | 61.00 m                     |
| Drainage density        | 11.9190 km/km <sup>2</sup>  |
| Length of overland flow | 41.950 m                    |

## CATCHMENT CLIMATOLOGY

