

## Jawahar Dam

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Location                             | 16.3989° N, 74.3628° E               |
| State                                | Karnataka                            |
| Nearest City                         | Chikodi                              |
| Year of Completion                   | 1961                                 |
| Operated and Maintained by           | Karnataka Water Resources Department |
| River Basin                          | Krishna                              |
| River                                | Shiruguppi                           |
| Dam Type                             | Other                                |
| Height above lowest foundation level | 21.6 m                               |
| Dam length                           | 676.2 m                              |
| Reservoir Area                       | 400000.0 m <sup>2</sup>              |
| Gross storage capacity               | 1840000.0 m <sup>3</sup>             |
| Effective storage capacity           | 1270000.0 m <sup>3</sup>             |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 11.0 km <sup>2</sup>        |
| Perimeter of catchment  | 16.1 km                     |
| Basin Length            | 6034.8 m                    |
| Form factor             | 0.30194                     |
| Circularity ratio       | 0.53600                     |
| Elongation ratio        | 0.61983                     |
| Highest Stream order    | 5                           |
| Max elevation           | 826.0 m                     |
| Min elevation           | 590.0 m                     |
| Mean bifurcation ratio  | 2.8061                      |
| Stream frequency        | 84.5740 per km <sup>2</sup> |
| Relief                  | 236.00 m                    |
| Drainage density        | 12.6150 km/km <sup>2</sup>  |
| Length of overland flow | 39.637 m                    |

## CATCHMENT CLIMATOLOGY

