

## Chilputi Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 19.6389° N, 81.7139° E                  |
| State                                | Chhattisgarh                            |
| Nearest City                         | Kondagaon                               |
| Year of Completion                   | 1982                                    |
| Operated and Maintained by           | Chhattisgarh Water Resources Department |
| River Basin                          | Godavari                                |
| River                                | Local                                   |
| Dam Type                             | Earthfill Embankment                    |
| Height above lowest foundation level | 11.7 m                                  |
| Dam length                           | 540.0 m                                 |
| Reservoir Area                       | 3307000.0 m <sup>2</sup>                |
| Gross storage capacity               | 860000.0 m <sup>3</sup>                 |
| Effective storage capacity           | 800000.0 m <sup>3</sup>                 |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 5.9 km <sup>2</sup>         |
| Perimeter of catchment  | 11.1 km                     |
| Basin Length            | 2983.0 m                    |
| Form factor             | 0.66594                     |
| Circularity ratio       | 0.60910                     |
| Elongation ratio        | 0.92051                     |
| Highest Stream order    | 4                           |
| Max elevation           | 634.0 m                     |
| Min elevation           | 588.0 m                     |
| Mean bifurcation ratio  | 2.4096                      |
| Stream frequency        | 73.7470 per km <sup>2</sup> |
| Relief                  | 46.00 m                     |
| Drainage density        | 9.7030 km/km <sup>2</sup>   |
| Length of overland flow | 51.530 m                    |

## CATCHMENT CLIMATOLOGY

