

## Chichbund Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 22.0994° N, 79.6553° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Seoni                                     |
| Year of Completion                   | 1951                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Godavari                                  |
| River                                | Bhurkunda Nalla                           |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 17.4 m                                    |
| Dam length                           | 1280.0 m                                  |
| Reservoir Area                       | 1581000.0 m <sup>2</sup>                  |
| Gross storage capacity               | 7760000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 6940000.0 m <sup>3</sup>                  |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 30.2 km <sup>2</sup>        |
| Perimeter of catchment  | 25.0 km                     |
| Basin Length            | 7750.8 m                    |
| Form factor             | 0.50229                     |
| Circularity ratio       | 0.60916                     |
| Elongation ratio        | 0.79944                     |
| Highest Stream order    | 6                           |
| Max elevation           | 712.0 m                     |
| Min elevation           | 541.0 m                     |
| Mean bifurcation ratio  | 2.4245                      |
| Stream frequency        | 78.2440 per km <sup>2</sup> |
| Relief                  | 171.00 m                    |
| Drainage density        | 10.7800 km/km <sup>2</sup>  |
| Length of overland flow | 46.383 m                    |

## CATCHMENT CLIMATOLOGY

