

## Ramganga Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 18.5175° N, 75.6206° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Bhum                                   |
| Year of Completion                   | 1977                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Ulup                                   |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 30.0 m                                 |
| Dam length                           | 1217.0 m                               |
| Reservoir Area                       | 150000.0 m <sup>2</sup>                |
| Gross storage capacity               | 6140000.0 m <sup>3</sup>               |
| Effective storage capacity           | 5340000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 46.2 km <sup>2</sup>        |
| Perimeter of catchment  | 34.5 km                     |
| Basin Length            | 11664.0 m                   |
| Form factor             | 0.33982                     |
| Circularity ratio       | 0.48918                     |
| Elongation ratio        | 0.65756                     |
| Highest Stream order    | 6                           |
| Max elevation           | 746.0 m                     |
| Min elevation           | 584.0 m                     |
| Mean bifurcation ratio  | 2.5111                      |
| Stream frequency        | 75.3980 per km <sup>2</sup> |
| Relief                  | 162.00 m                    |
| Drainage density        | 10.6090 km/km <sup>2</sup>  |
| Length of overland flow | 47.130 m                    |

## CATCHMENT CLIMATOLOGY

