

## Benitura Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 17.7900° N, 76.4586° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Omerga                                 |
| Year of Completion                   | 1994                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Benitura                               |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 13.4 m                                 |
| Dam length                           | 1797.0 m                               |
| Reservoir Area                       | 6470000.0 m <sup>2</sup>               |
| Gross storage capacity               | 12840000.0 m <sup>3</sup>              |
| Effective storage capacity           | 11500000.0 m <sup>3</sup>              |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 182.6 km <sup>2</sup>       |
| Perimeter of catchment  | 64.0 km                     |
| Basin Length            | 23488.0 m                   |
| Form factor             | 0.33092                     |
| Circularity ratio       | 0.55968                     |
| Elongation ratio        | 0.64888                     |
| Highest Stream order    | 6                           |
| Max elevation           | 667.0 m                     |
| Min elevation           | 568.0 m                     |
| Mean bifurcation ratio  | 2.3319                      |
| Stream frequency        | 71.6840 per km <sup>2</sup> |
| Relief                  | 99.00 m                     |
| Drainage density        | 9.7930 km/km <sup>2</sup>   |
| Length of overland flow | 51.056 m                    |

## CATCHMENT CLIMATOLOGY

