

## Begda Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 22.4172° N, 74.3703° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Jobat                                     |
| Year of Completion                   | 1976                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Narmada                                   |
| River                                | Local                                     |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 12.3 m                                    |
| Dam length                           | 534.0 m                                   |
| Reservoir Area                       | 630000.0 m <sup>2</sup>                   |
| Gross storage capacity               | 2270000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 1780000.0 m <sup>3</sup>                  |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 23.7 km <sup>2</sup>        |
| Perimeter of catchment  | 22.9 km                     |
| Basin Length            | 6649.4 m                    |
| Form factor             | 0.53586                     |
| Circularity ratio       | 0.56665                     |
| Elongation ratio        | 0.82572                     |
| Highest Stream order    | 5                           |
| Max elevation           | 396.0 m                     |
| Min elevation           | 323.0 m                     |
| Mean bifurcation ratio  | 2.1289                      |
| Stream frequency        | 69.8520 per km <sup>2</sup> |
| Relief                  | 73.00 m                     |
| Drainage density        | 8.8830 km/km <sup>2</sup>   |
| Length of overland flow | 56.287 m                    |

## CATCHMENT CLIMATOLOGY

