

## Bori Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 22.6131° N, 76.4003° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Bagli                                     |
| Year of Completion                   | 1982                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Narmada                                   |
| River                                | Local                                     |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 25.9 m                                    |
| Dam length                           | 305.0 m                                   |
| Reservoir Area                       | 507000.0 m <sup>2</sup>                   |
| Gross storage capacity               | 1142000.0 m <sup>3</sup>                  |
| Effective storage capacity           | 978000.0 m <sup>3</sup>                   |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 8.1 km <sup>2</sup>         |
| Perimeter of catchment  | 13.4 km                     |
| Basin Length            | 4344.6 m                    |
| Form factor             | 0.42654                     |
| Circularity ratio       | 0.56730                     |
| Elongation ratio        | 0.73670                     |
| Highest Stream order    | 5                           |
| Max elevation           | 641.0 m                     |
| Min elevation           | 417.0 m                     |
| Mean bifurcation ratio  | 7.9357                      |
| Stream frequency        | 83.9640 per km <sup>2</sup> |
| Relief                  | 224.00 m                    |
| Drainage density        | 11.4380 km/km <sup>2</sup>  |
| Length of overland flow | 43.716 m                    |

## CATCHMENT CLIMATOLOGY

