

## Tawa Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 22.3344° N, 79.2411° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Amarwara                                  |
| Year of Completion                   | 2001                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Godavari                                  |
| River                                | Tawa                                      |
| Dam Type                             | Composite Masonry and Earth fill          |
| Height above lowest foundation level | 28.8 m                                    |
| Dam length                           | 1170.0 m                                  |
| Reservoir Area                       | 1745300.0 m <sup>2</sup>                  |
| Gross storage capacity               | 2311542000.0 m <sup>3</sup>               |
| Effective storage capacity           | 1943965000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 32.6 km <sup>2</sup>        |
| Perimeter of catchment  | 31.8 km                     |
| Basin Length            | 7609.9 m                    |
| Form factor             | 0.56273                     |
| Circularity ratio       | 0.40611                     |
| Elongation ratio        | 0.84617                     |
| Highest Stream order    | 5                           |
| Max elevation           | 862.0 m                     |
| Min elevation           | 720.0 m                     |
| Mean bifurcation ratio  | 2.2751                      |
| Stream frequency        | 75.8260 per km <sup>2</sup> |
| Relief                  | 142.00 m                    |
| Drainage density        | 10.2560 km/km <sup>2</sup>  |
| Length of overland flow | 48.752 m                    |

## CATCHMENT CLIMATOLOGY

