

## Jawalgaon (Ambejogai) Dam

|   |  |
|---|--|
| <b>Location</b>                             | 18.6697° N, 76.4703° E                 |
| <b>State</b>                                | Maharashtra                            |
| <b>Nearest City</b>                         | Ambejogai                              |
| <b>Year of Completion</b>                   | 1988                                   |
| <b>Operated and Maintained by</b>           | Maharashtra Water Resources Department |
| <b>River Basin</b>                          | Godavari                               |
| <b>River</b>                                | Local Nalla                            |
| <b>Dam Type</b>                             | Earthfill Embankment                   |
| <b>Height above lowest foundation level</b> | 14.6 m                                 |
| <b>Dam length</b>                           | 1050.0 m                               |
| <b>Reservoir Area</b>                       | 670000.0 m <sup>2</sup>                |
| <b>Gross storage capacity</b>               | 1360000.0 m <sup>3</sup>               |
| <b>Effective storage capacity</b>           | 1230000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| <b>Catchment Properties</b>    | <b>Values</b>               |
|--------------------------------|-----------------------------|
| <b>Area of catchment</b>       | 13.2 km <sup>2</sup>        |
| <b>Perimeter of catchment</b>  | 16.0 km                     |
| <b>Basin Length</b>            | 3836.1 m                    |
| <b>Form factor</b>             | 0.89742                     |
| <b>Circularity ratio</b>       | 0.64895                     |
| <b>Elongation ratio</b>        | 1.06860                     |
| <b>Highest Stream order</b>    | 6                           |
| <b>Max elevation</b>           | 675.0 m                     |
| <b>Min elevation</b>           | 631.0 m                     |
| <b>Mean bifurcation ratio</b>  | 2.7744                      |
| <b>Stream frequency</b>        | 75.0410 per km <sup>2</sup> |
| <b>Relief</b>                  | 44.00 m                     |
| <b>Drainage density</b>        | 10.4460 km/km <sup>2</sup>  |
| <b>Length of overland flow</b> | 47.866 m                    |

## CATCHMENT CLIMATOLOGY

