

## Achler Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 17.7244° N, 76.3869° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Omerga                                 |
| Year of Completion                   | 1978                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 13.5 m                                 |
| Dam length                           | 135.0 m                                |
| Reservoir Area                       | 335300.0 m <sup>2</sup>                |
| Gross storage capacity               | 1127000.0 m <sup>3</sup>               |
| Effective storage capacity           | 964000.0 m <sup>3</sup>                |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 6.6 km <sup>2</sup>         |
| Perimeter of catchment  | 11.1 km                     |
| Basin Length            | 3638.5 m                    |
| Form factor             | 0.49671                     |
| Circularity ratio       | 0.67539                     |
| Elongation ratio        | 0.79498                     |
| Highest Stream order    | 5                           |
| Max elevation           | 603.0 m                     |
| Min elevation           | 549.0 m                     |
| Mean bifurcation ratio  | 2.3315                      |
| Stream frequency        | 72.0830 per km <sup>2</sup> |
| Relief                  | 54.00 m                     |
| Drainage density        | 9.6690 km/km <sup>2</sup>   |
| Length of overland flow | 51.713 m                    |

## CATCHMENT CLIMATOLOGY

