

## Manikdoh Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 19.2356° N, 73.8136° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Junnar                                 |
| Year of Completion                   | 2005                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Kukadi                                 |
| Dam Type                             | Other                                  |
| Height above lowest foundation level | 50.4 m                                 |
| Dam length                           | 930.0 m                                |
| Reservoir Area                       | 18434000.0 m <sup>2</sup>              |
| Gross storage capacity               | 307910000.0 m <sup>3</sup>             |
| Effective storage capacity           | 288100000.0 m <sup>3</sup>             |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 106.0 km <sup>2</sup>       |
| Perimeter of catchment  | 46.2 km                     |
| Basin Length            | 16646.0 m                   |
| Form factor             | 0.38256                     |
| Circularity ratio       | 0.62381                     |
| Elongation ratio        | 0.69768                     |
| Highest Stream order    | 6                           |
| Max elevation           | 1237.0 m                    |
| Min elevation           | 672.0 m                     |
| Mean bifurcation ratio  | 2.3777                      |
| Stream frequency        | 88.9560 per km <sup>2</sup> |
| Relief                  | 565.00 m                    |
| Drainage density        | 13.4660 km/km <sup>2</sup>  |
| Length of overland flow | 37.129 m                    |

## CATCHMENT CLIMATOLOGY

