

## Manjra Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 18.6618° N, 75.6189° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Kallan                                 |
| Year of Completion                   | 1989                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Godavari                               |
| River                                | Manjara                                |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 25.0 m                                 |
| Dam length                           | 760.0 m                                |
| Reservoir Area                       | 750000.0 m <sup>2</sup>                |
| Gross storage capacity               | 22130000.0 m <sup>3</sup>              |
| Effective storage capacity           | 3230000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 433.8 km <sup>2</sup>       |
| Perimeter of catchment  | 113.0 km                    |
| Basin Length            | 38211.0 m                   |
| Form factor             | 0.29709                     |
| Circularity ratio       | 0.42697                     |
| Elongation ratio        | 0.61482                     |
| Highest Stream order    | 7                           |
| Max elevation           | 842.0 m                     |
| Min elevation           | 674.0 m                     |
| Mean bifurcation ratio  | 2.2675                      |
| Stream frequency        | 78.5420 per km <sup>2</sup> |
| Relief                  | 168.00 m                    |
| Drainage density        | 11.2500 km/km <sup>2</sup>  |
| Length of overland flow | 44.446 m                    |

## CATCHMENT CLIMATOLOGY

