

## Kaykewadi Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 16.6267° N, 73.6881° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Rajapur                                |
| Year of Completion                   | 2010                                   |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | West Coast                             |
| River                                | Local Nala                             |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 36.4 m                                 |
| Dam length                           | 645.0 m                                |
| Reservoir Area                       | 1160000.0 m <sup>2</sup>               |
| Gross storage capacity               | 6461000.0 m <sup>3</sup>               |
| Effective storage capacity           | 6288000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 3.8 km <sup>2</sup>         |
| Perimeter of catchment  | 8.2 km                      |
| Basin Length            | 2761.8 m                    |
| Form factor             | 0.49843                     |
| Circularity ratio       | 0.71070                     |
| Elongation ratio        | 0.79636                     |
| Highest Stream order    | 4                           |
| Max elevation           | 228.0 m                     |
| Min elevation           | 45.0 m                      |
| Mean bifurcation ratio  | 2.6488                      |
| Stream frequency        | 87.0640 per km <sup>2</sup> |
| Relief                  | 183.00 m                    |
| Drainage density        | 12.5200 km/km <sup>2</sup>  |
| Length of overland flow | 39.936 m                    |

## CATCHMENT CLIMATOLOGY

