

## Kasura Dam

|                                      |  |
|--------------------------------------|--|
| Location                             | 18.6169° N, 73.6634° E                 |
| State                                | Maharashtra                            |
| Nearest City                         | Partur.                                |
| Year of Completion                   | Not Available                          |
| Operated and Maintained by           | Maharashtra Water Resources Department |
| River Basin                          | Krishna                                |
| River                                | Local Nalla                            |
| Dam Type                             | Earthfill Embankment                   |
| Height above lowest foundation level | 23.5 m                                 |
| Dam length                           | 3540.0 m                               |
| Reservoir Area                       | 1575921.0 m <sup>2</sup>               |
| Gross storage capacity               | 9420000.0 m <sup>3</sup>               |
| Effective storage capacity           | 7520000.0 m <sup>3</sup>               |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 40.0 km <sup>2</sup>        |
| Perimeter of catchment  | 32.8 km                     |
| Basin Length            | 13294.0 m                   |
| Form factor             | 0.22650                     |
| Circularity ratio       | 0.46682                     |
| Elongation ratio        | 0.53684                     |
| Highest Stream order    | 5                           |
| Max elevation           | 1150.0 m                    |
| Min elevation           | 608.0 m                     |
| Mean bifurcation ratio  | 2.7139                      |
| Stream frequency        | 95.7350 per km <sup>2</sup> |
| Relief                  | 542.00 m                    |
| Drainage density        | 15.0210 km/km <sup>2</sup>  |
| Length of overland flow | 33.288 m                    |

## CATCHMENT CLIMATOLOGY

