

## Kanota Dam

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Location                             | 26.9128° N, 75.9325° E               |
| State                                | Rajasthan                            |
| Nearest City                         | Jaipur                               |
| Year of Completion                   | 2001                                 |
| Operated and Maintained by           | Rajasthan Water Resources Department |
| River Basin                          | Ganga                                |
| River                                | Dhoond                               |
| Dam Type                             | Earthfill Embankment                 |
| Height above lowest foundation level | 18.8 m                               |
| Dam length                           | 2499.4 m                             |
| Reservoir Area                       | 2476550.0 m <sup>2</sup>             |
| Gross storage capacity               | 14130000.0 m <sup>3</sup>            |
| Effective storage capacity           | 12430000.0 m <sup>3</sup>            |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 398.1 km <sup>2</sup>       |
| Perimeter of catchment  | 111.6 km                    |
| Basin Length            | 29999.0 m                   |
| Form factor             | 0.44234                     |
| Circularity ratio       | 0.40171                     |
| Elongation ratio        | 0.75022                     |
| Highest Stream order    | 7                           |
| Max elevation           | 635.0 m                     |
| Min elevation           | 351.0 m                     |
| Mean bifurcation ratio  | 2.2868                      |
| Stream frequency        | 76.4140 per km <sup>2</sup> |
| Relief                  | 284.00 m                    |
| Drainage density        | 10.0460 km/km <sup>2</sup>  |
| Length of overland flow | 49.771 m                    |

## CATCHMENT CLIMATOLOGY

