

Badgaon Dam

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| Location | 24.7081° N, 74.0892° E |
| State | Rajasthan |
| Nearest City | Vallabhnagar |
| Year of Completion | 1973 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Ganga |
| River | Berach |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 18.8 m |
| Dam length | 5202.0 m |
| Reservoir Area | 9790000.0 m ² |
| Gross storage capacity | 31520000.0 m ³ |
| Effective storage capacity | 30190000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 1769.8 km ² |
| Perimeter of catchment | 232.1 km |
| Basin Length | 64807.0 m |
| Form factor | 0.42138 |
| Circularity ratio | 0.41312 |
| Elongation ratio | 0.73223 |
| Highest Stream order | 8 |
| Max elevation | 1039.0 m |
| Min elevation | 462.0 m |
| Mean bifurcation ratio | 2.1377 |
| Stream frequency | 73.4450 per km ² |
| Relief | 577.00 m |
| Drainage density | 9.7070 km/km ² |
| Length of overland flow | 51.512 m |

CATCHMENT CLIMATOLOGY

