

Madar(Bada) Dam

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|--------------------------------------|--------------------------------------|
| Location | 24.0833° N, 74.1811° E |
| State | Rajasthan |
| Nearest City | Salumbar |
| Year of Completion | Not Available |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Mahi |
| River | Berach |
| Dam Type | Other |
| Height above lowest foundation level | 22.0 m |
| Dam length | 108.0 m |
| Reservoir Area | 1475000.0 m ² |
| Gross storage capacity | 2377000.0 m ³ |
| Effective storage capacity | 2260000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 19.7 km ² |
| Perimeter of catchment | 21.0 km |
| Basin Length | 6279.9 m |
| Form factor | 0.49981 |
| Circularity ratio | 0.56372 |
| Elongation ratio | 0.79747 |
| Highest Stream order | 5 |
| Max elevation | 478.0 m |
| Min elevation | 224.0 m |
| Mean bifurcation ratio | 2.4822 |
| Stream frequency | 78.5340 per km ² |
| Relief | 254.00 m |
| Drainage density | 10.5610 km/km ² |
| Length of overland flow | 47.344 m |

CATCHMENT CLIMATOLOGY

