

Semarwar Dam

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|--------------------------------------|---|
| Location | 24.0650° N, 81.8156° E |
| State | Madhya Pradesh |
| Nearest City | Anuppur |
| Year of Completion | 1982 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Paniha |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 21.1 m |
| Dam length | 150.0 m |
| Reservoir Area | 205800.0 m ² |
| Gross storage capacity | 779000.0 m ³ |
| Effective storage capacity | 708000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.9 km ² |
| Perimeter of catchment | 9.8 km |
| Basin Length | 3319.7 m |
| Form factor | 0.44707 |
| Circularity ratio | 0.64031 |
| Elongation ratio | 0.75422 |
| Highest Stream order | 4 |
| Max elevation | 515.0 m |
| Min elevation | 386.0 m |
| Mean bifurcation ratio | 2.4761 |
| Stream frequency | 76.3170 per km ² |
| Relief | 129.00 m |
| Drainage density | 9.9970 km/km ² |
| Length of overland flow | 50.016 m |

CATCHMENT CLIMATOLOGY

