

Ranipur Dam

Location	22.0269° N, 78.0119° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1992
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Mundawani
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.9 m
Dam length	774.0 m
Reservoir Area	942000.0 m ²
Gross storage capacity	9650000.0 m ³
Effective storage capacity	9350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.1 km ²
Perimeter of catchment	28.4 km
Basin Length	10219.0 m
Form factor	0.25005
Circularity ratio	0.40815
Elongation ratio	0.56406
Highest Stream order	5
Max elevation	818.0 m
Min elevation	448.0 m
Mean bifurcation ratio	2.3298
Stream frequency	76.4090 per km ²
Relief	370.00 m
Drainage density	10.4780 km/km ²
Length of overland flow	47.719 m

CATCHMENT CLIMATOLOGY

