

Birmawal Dam

Location	23.1361° N, 75.1353° E
State	Madhya Pradesh
Nearest City	Ratlam
Year of Completion	2000
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	1990.0 m
Reservoir Area	601000.0 m ²
Gross storage capacity	1990000.0 m ³
Effective storage capacity	1761000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.2 km ²
Perimeter of catchment	16.7 km
Basin Length	6827.9 m
Form factor	0.21918
Circularity ratio	0.45787
Elongation ratio	0.52809
Highest Stream order	4
Max elevation	575.0 m
Min elevation	444.0 m
Mean bifurcation ratio	2.1774
Stream frequency	73.6930 per km ²
Relief	131.00 m
Drainage density	9.5820 km/km ²
Length of overland flow	52.180 m

CATCHMENT CLIMATOLOGY

