

Matiyari Dam

Location	22.5161° N, 80.5731° E
State	Madhya Pradesh
Nearest City	Mandla
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Matiyari
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.7 m
Dam length	1131.4 m
Reservoir Area	6790000.0 m ²
Gross storage capacity	56800000.0 m ³
Effective storage capacity	51120000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	160.7 km ²
Perimeter of catchment	59.0 km
Basin Length	17698.0 m
Form factor	0.51307
Circularity ratio	0.57941
Elongation ratio	0.80797
Highest Stream order	7
Max elevation	831.0 m
Min elevation	472.0 m
Mean bifurcation ratio	2.2858
Stream frequency	83.8150 per km ²
Relief	359.00 m
Drainage density	11.9790 km/km ²
Length of overland flow	41.740 m

CATCHMENT CLIMATOLOGY

