

Mod Sagar Dam

Location	22.5797° N, 74.5267° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.4 m
Dam length	870.0 m
Reservoir Area	1202000.0 m ²
Gross storage capacity	7629000.0 m ³
Effective storage capacity	6143000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	53.8 km ²
Perimeter of catchment	33.6 km
Basin Length	8430.9 m
Form factor	0.75674
Circularity ratio	0.59753
Elongation ratio	0.98125
Highest Stream order	6
Max elevation	467.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.8965
Stream frequency	75.3690 per km ²
Relief	110.00 m
Drainage density	10.2000 km/km ²
Length of overland flow	49.019 m

CATCHMENT CLIMATOLOGY

