

Narsinghpura Dam

Location	22.6222° N, 74.6625° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Dhabariya Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	340.0 m
Reservoir Area	264000.0 m ²
Gross storage capacity	2370000.0 m ³
Effective storage capacity	2151000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.5 km ²
Perimeter of catchment	23.5 km
Basin Length	8959.0 m
Form factor	0.31786
Circularity ratio	0.57862
Elongation ratio	0.63595
Highest Stream order	5
Max elevation	535.0 m
Min elevation	387.0 m
Mean bifurcation ratio	2.1759
Stream frequency	75.7660 per km ²
Relief	148.00 m
Drainage density	10.1670 km/km ²
Length of overland flow	49.178 m

CATCHMENT CLIMATOLOGY

